UNIVERGE SV9500

DT830G
USER'S GUIDE

NWD-172905-001
ISSUE 2.0
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LIABILITY DISCLAIMER

WARNING

For Customers in Australia

Telephone receivers produce magnetic fields that can attract small metallic objects such as pins or staples. To avoid injury, do not place the handset where such objects can be picked up.

The Terms and Conditions of Software

Customers shall use the software embedded in DT830G pursuant to the terms and conditions of software license agreement of the UNIVERGE SV9500 communication server (SLA). The software contains certain third party open source software components which are provided under the terms and conditions designated at http://www.bcom.nec.co.jp/soft-license/DT800_OSS.html.

The terms and conditions of SLA are not applied to such third party open source software components.

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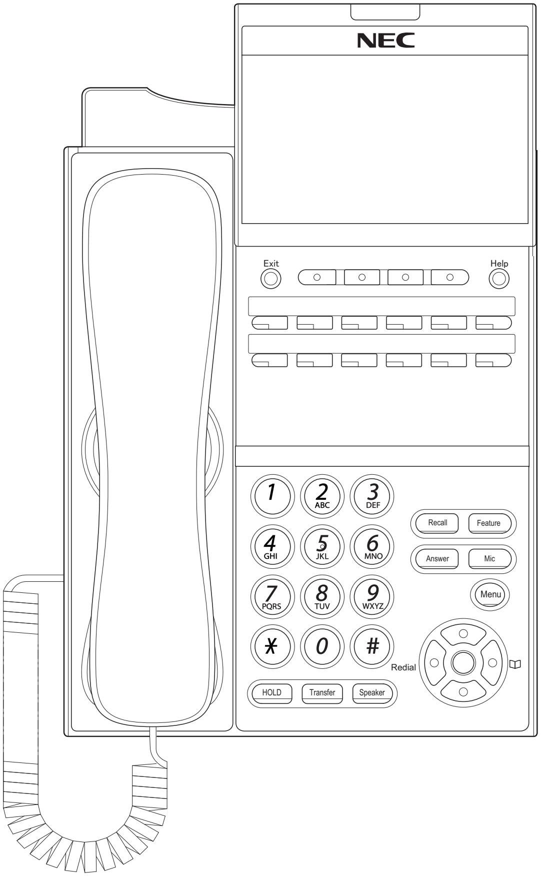
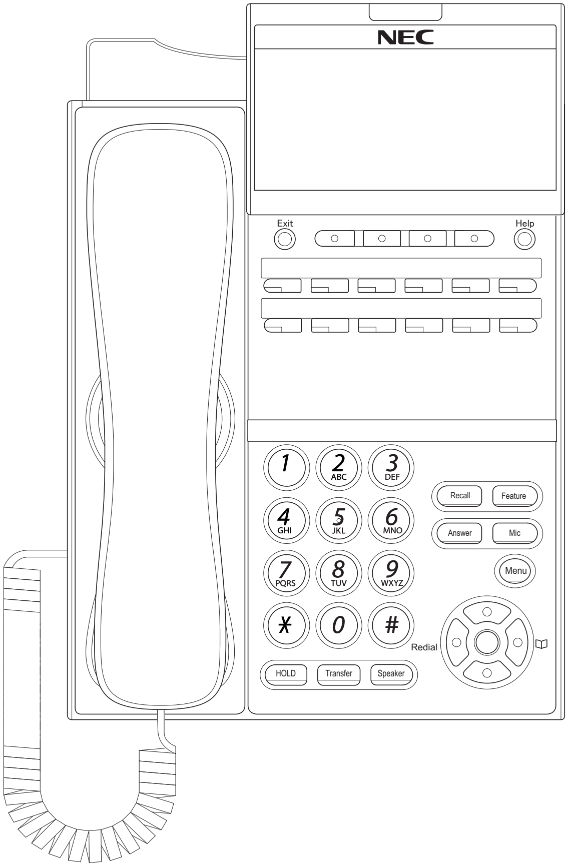
1. INTRODUCTION

FACE LAYOUT

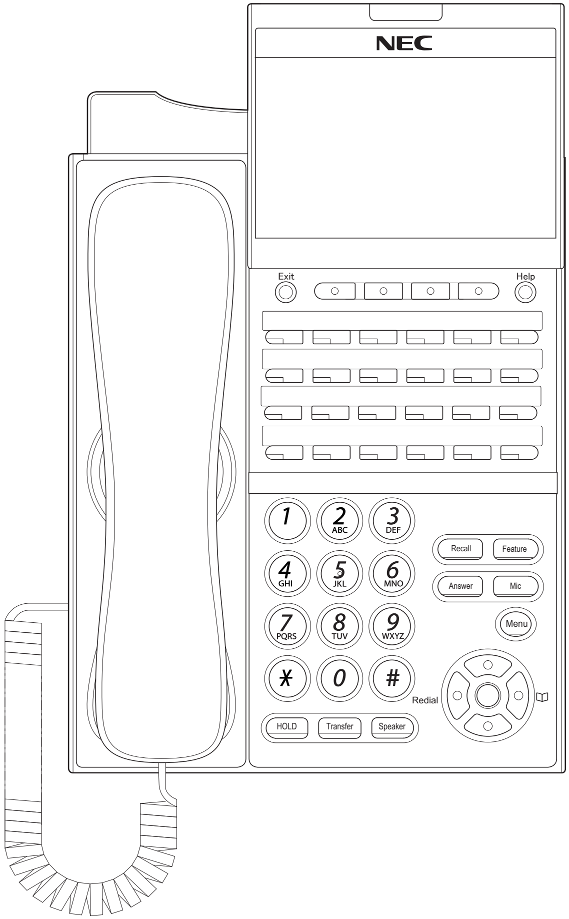
DT830G (CG): ITZ-12CG-3



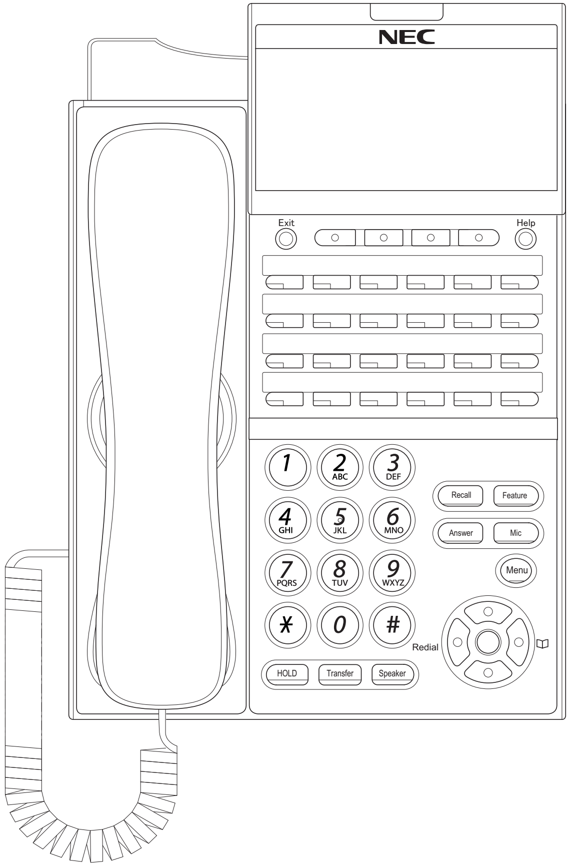
DT830G (DG): ITZ-12DG-3



DT830G (CG): ITZ-24CG-3



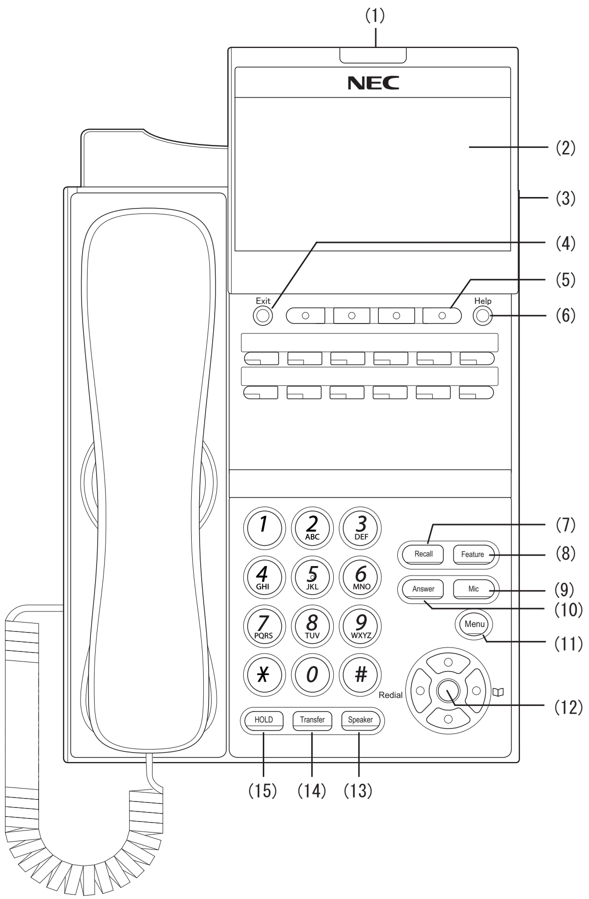
DT830G (DG): ITZ-24DG-3



TECHNICAL SPECIFICATIONS

ITEM	ITZ-12CG-3/ITZ-12CG-3P/ITZ-24CG-3A	ITZ-12DG-3/ITZ-12DG-3P/ITZ-24DG-3A
Display (LCD)	4.3 inch Color (16777216 colors) TFT, with Backlight	3.8 inch Gray Scale (8 gradations) FSTN, with Backlight
Programmable Key	12 keys (24 keys)	
Fixed Feature Key	10 keys (including Menu button and Cursor key)	
Backlight	Display and Digit Key (lit for 10 seconds when operating)	
Soft Key	4 Keys	
Directory	500 records	
Call History	Outgoing Call: 50 records, Incoming Call: 50 records	
XML Browser	Available	
Hands-free	Standard equipment (Full-duplex), Wide-band	
Headset	Available (HW251N-A10-NE/WT100-EHS-NE: optional)	
LAN Interface	2-port, 10BASE-T/100BASE-TX/1000BASE-T, Full-duplex/Half-duplex, Auto Negotiation/Fixed (Except 1000BASE-T)	
Voice CODEC	G.711(μ-law, A-law), G.729a, G.722	
IP Address Setting	Sets via DHCP server/Sets Statically	
QoS	ToS (IP Precedence, Diffserv)	
VLAN	Tag VLAN (IEEE802.1Q/p), LLDP-MED	
Security	IEEE802.1x authentication (EAP-MD5, EAPOL Forwarding), SIP&RTP Encryption, HTTPS (Web Programming)	
USB Interface	USB Host 1-port (Supporting USB 2.0, Power Supply = 5V/500mA) Overcurrent Level = approximately 500mA	
Power Supply	Central Power Supply = IEEE802.3at Type 1 (Compatible with IEEE802.3af), Local Power Supply = AC adapter (AC-L UNIT: optional)	
Power Consumption	Approximately 4.9 W (without optional connection)	
Download	Program/Configuration data/Ringing Tone/ Music on Hold/Directory data/Wallpaper	Program/Configuration data/Ringing Tone/ Music on Hold/Directory data
Optional	Recording Unit (ADA-L)/60 Button DSS Console (DCZ-60-2)/ 8 Button Unit (8LK-Z)/Color Side Panel/Bluetooth® Cradle Adapter (BCA)	
Terminal Color	Black/White	
Dimension (W×D×H) [mm]	182(W) × 278(D) × 109(H)	182(W) × 258(D) × 109(H)
Weight	1.2 kg	1.1 kg
Environmental	Operational Temperature range = 0 to 40 °C (Storage temperature range = -20 to 60 °C) Humidity = 10 to 90% RH (non condensing)	

KEYS AND PARTS



(1) Call Indicator Lamp

The lamp at the top corner of DT830G Display flashes when a call terminates to the terminal. Also, when you use Voice Mail service, the Lamp lights when a message has been left.

(2) LCD (Liquid Crystal Display)

Color LCD (ITZ-12/24CG-3) and gray scale LCD (ITZ-12/24DG-3).

(3) USB Port

To mount saved data on USB device into the terminal. USB port is on the backside of the terminal.

(4) Exit Key

To exit the **Menu** or **Help** mode and go back to the time display.

(5) Soft Keys

Any feature shown at the bottom of the LCD is available. The appropriate feature key is displayed on the screen according to the call handling process.

(6) Help Key

To call up explanations of the Soft Keys on the LCD.

Note Not all **Help** contents are displayed. For details, contact the system administrator.

(7) Recall Key

To finish a call and hear the dial tone.

(8) Feature Key

To activate features such as terminal setup, and to program One-Touch Speed Dial Keys.

(9) Mic Lamp

To respond hands-free. LED lights during speakerphone operation.

(10) Answer Key

When LED on this key is lit, press this key to answer a waiting call.

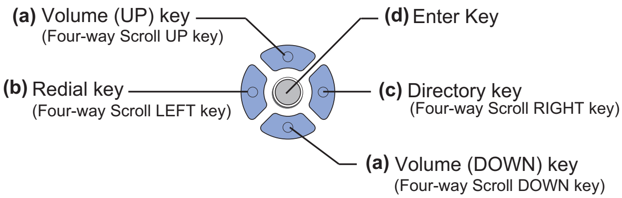
(11) Menu Button

To access the local menu of the DT830G.

(12) Cursor Key

By using this key, you can access various features with simple operation.

Details on Cursor Key



(a) Up/Down

(∨ DOWN ∧ UP)

Used to adjust speaker/receiver volume, and ringer volume.

- Speaker/Receiver Volume:
  Press (∨) or (∧) key during conversation.
- Ringer Volume:
  Press (∨) or (∧) key during ringing.

(b) Redial

(Last Number Call, Speed Calling-Station/Group)

Press this key to activate redial feature. Press **Redial** and scroll back through numbers that have been dialed. When the desired number is displayed, press ✳ or # to activate dialing.

Note

A-law Countries [Europe, Australia, Russia, Latin America, Middle Near East, other Asian nations]: #
μ-law Countries [North America]: ✳

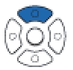
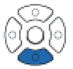
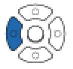
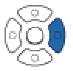
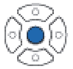
(c) Directory

Pressing this key opens Directory menu. For details on Directory service, see 5.DIRECTORY OPERATION.

(d) Enter

DT830G has shortcut menu for frequently-used features. Use this key to display the shortcut menu (see MULTI-WINDOW) and determine the selected item in the menu.

Also, this key is used as cursor-movement key on the local menu of the telephone.

	**Up**	Move the highlighted area one line up the screen.
	**Down**	Move the highlighted area one line down the screen.
	**Left**	Go back to the previous screen.
	**Right**	Go to the screen which corresponds to the highlighted menu item.
	**Enter**	Go to the screen which corresponds to the highlighted menu item.

(13) Speaker Key

To control the built-in speaker which can be used for:

Hands-Free dialing/monitoring.

LED on key lights when the key is active.

* All standard IP versions include support for full duplex hands-free mode. All TDM and IP enabled versions are half duplex hands-free mode.

(14) Transfer Key

Allows the station user to transfer established calls to another station, without attendant assistance.

(15) Hold Key

To place an internal or external call on hold.

PHONE START UP AND MENU SCREEN

The screen that is displayed right after starting up the phone depends on whether you start up the phone by using an XML application without its home URL registered or with its home URL registered. This section provides sample screen displays for both cases, and explains how to start up the menu screen.

TIP

HOME URL:
A home URL is the address information of the application that is to be accessed first after the phone is started. Home URL registration is performed at installation. For details, contact the system administrator.

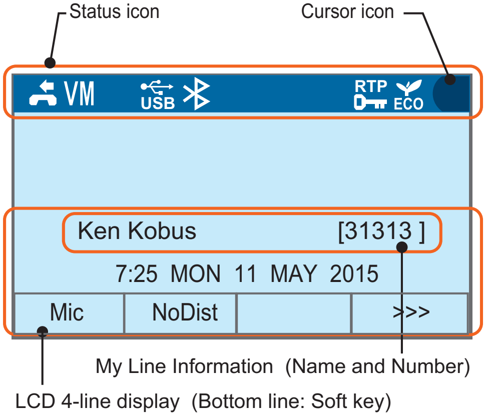
PORTAL SCREEN:
A **Portal** screen is the home (entrance) screen of the phone. When you use multiple XML applications, the URL that is registered as the home URL is the **Portal** screen: this is where other XML applications can be accessed.
When a home URL is not registered, the default home screen of the phone is the **Portal** screen.

- **STARTING UP THE PHONE (without a home URL registered)**
  - **Desktop** screen is displayed after the phone is started.

TIP

The Desktop screen that is displayed on your phone varies depending on the configuration setting. For details, contact the system administrator.

Desktop screen (ITZ-12/24CG-3)



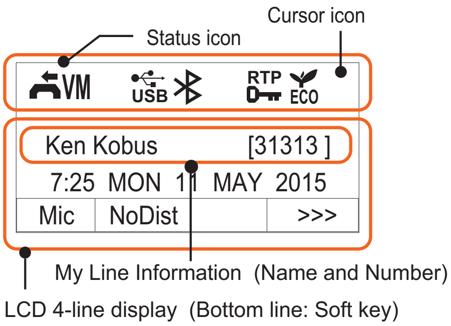
Status icon

Cursor icon

My Line Information (Name and Number)

LCD 4-line display (Bottom line: Soft key)

Desktop screen (ITZ-12/24DG-3)

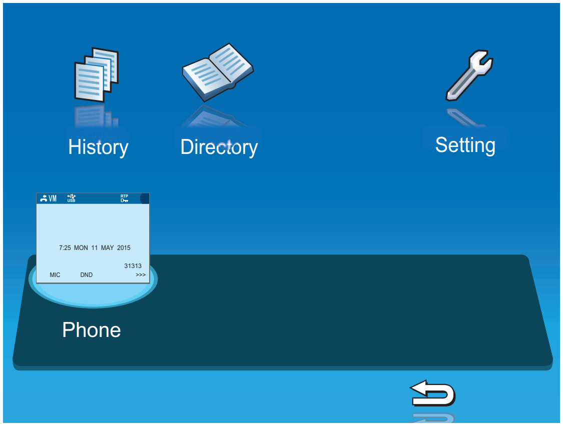


SERVICE/ ICON	DESCRIPTION
Status Icon	The LCD of DT830G displays icons which provide notification when events (such as missed call and voice mail) occur. For details of status icons, see STATUS ICONS.
LCD 4-line display	Displays LCD information sent from the system.

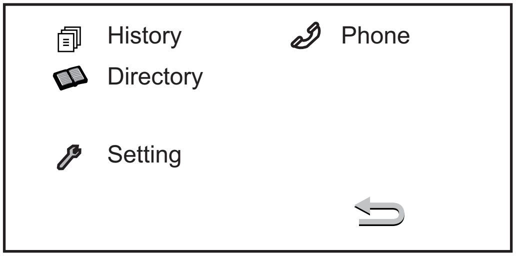
- Press (Menu) to display the menu screen.

The screen displayed as **Portal** icon is **Desktop** screen.

Menu screen (ITZ-12/24CG-3)

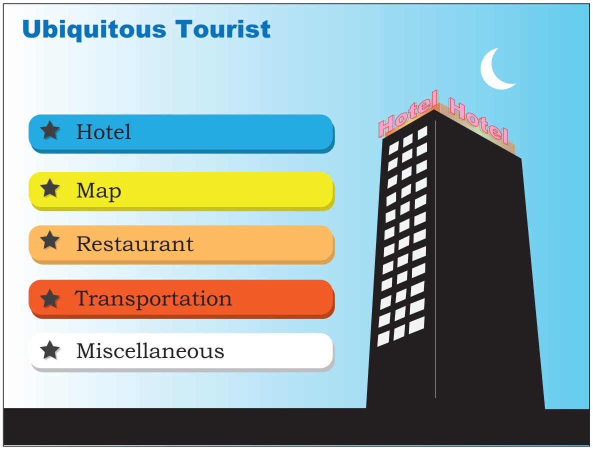


Menu screen (ITZ-12/24DG-3)



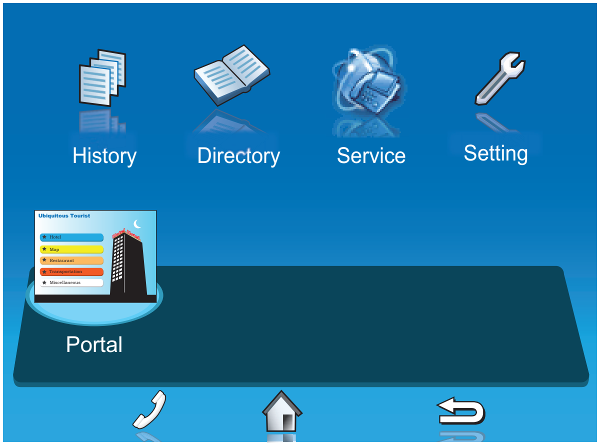
- **STARTING UP THE PHONE (with a home URL registered)**
  - The phone automatically accesses the home URL, and displays the received XML application as the Portal screen.

Note The following XML application screen and the Portal screen icon are samples. The actual screen that is displayed on your phone may vary depending on the application you use.



- Press Menu to display the menu screen.

The screen displayed as the **Portal** icon is the screen of the XML application that is registered as the home URL.

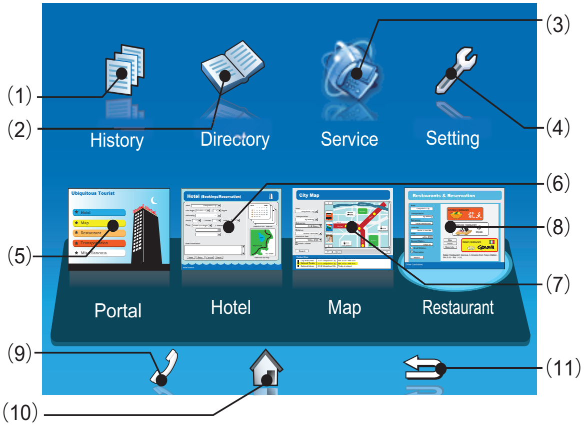


Note Normally, the name of Portal screen icon is displayed as the name of registered application.

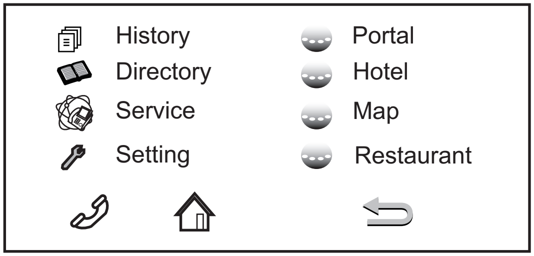
• MENU SCREEN

From Menu, you can use various application features such as **Directory** and **History**.

[ITZ-12/24CG-3]



[ITZ-12/24DG-3]



	MENU/ICON	DESCRIPTION
Local Application	**(1) History** **CG:** **DG:**	To view **Call History**; the history data stored in the server (system) memory (see CALL HISTORY) and that stored in the memory of the telephone, such as the histories of missed calls, dialed numbers, and received calls (see 6.CALL HISTORY OPERATION).
	(2) Directory **CG:** **DG:**	To use **Directory** features; there are three types of directory features. • **Personal Directory**: Controlled by telephone set. For details, see 5.DIRECTORY OPERATION. • **Phonebook**: Controlled by the system. For details, see PHONEBOOK. • **Corporate Directory**: Controlled by the external XML server. For details, contact the system administrator.
	(3) Service **CG:** **DG:**	XML application screen registered in the service URL is displayed. When the service URL is not registered, **Service** icon is not displayed.
	(4) Setting **CG:** **DG:**	To make the user settings of DT830G such as incoming call and display, and download various files such as ringtones, Music on Hold, and directories. For details, see 2.INSTALLATION PROCEDURE.

	MENU/ICON	DESCRIPTION
XML Services	**(5) Phone/ Portal** **CG:** **DG:**	When the home URL is not registered, **Phone** screen icon is displayed. When the home URL is registered, a screen icon of XML application which was registered as the home URL and the application name (**Portal**) are displayed.
	(6) XML application 1	You can launch up to four XML applications including the Portal screen at a time. The icons of the running applications are displayed on the Menu screen from the left. For details, see MULTI-WINDOW.
	(7) XML application 2	
	(8) XML application 3	

	MENU/ICON	DESCRIPTION
Soft Keys	**(9) Phone icon** **CG:** **DG:**	When you select the **Phone** icon, a pop-up screen is displayed on an XML application screen. (For details, see POP-UP WINDOWS. When XML application is registered in the home URL, the phone icon is displayed. When a home URL is not registered, the phone icon is not displayed. **Note:** If pop-up window display is disabled at installation, this icon is not displayed.
	(10) Home URL icon **CG:** **DG:**	XML application screen registered in the home URL is displayed. When the home URL is not registered, **Home URL** icon is not displayed.
	(11) Back icon **CG:** **DG:**	When you select the **Back** icon, you can go back to the previous screen.

TIP By selecting an application icon using cursor key and press enter key, you can launch the application of Local Application/XML Service from the menu. Also you can launch the application of Local Application/XML Service directly by pressing digit key (1 ~ 8).

• STARTING UP XML APPLICATION

DT830G has an XML browser function. You can display the information of XML application installed in an external server onto the LCD of DT830G and use various services in collaboration with the XML application.

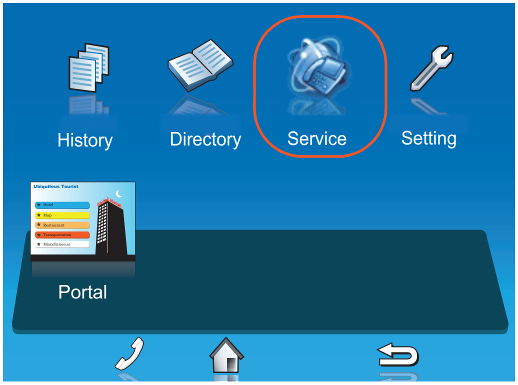
The following explains how to start the XML application from DT830G. For more information, refer to manuals relating to XML applications.

To Start Up From Menu Button

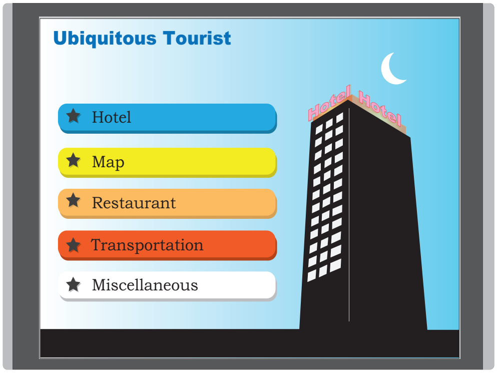
STEP 1: Select **Service**.

Select an item by one of the following operations.

- Highlight an item by using cursor key, and press ◉, or **OK**.
- Press ③.



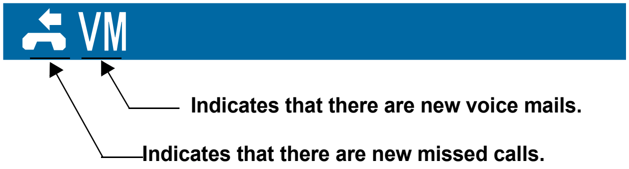
STEP 2: XML application will start up.



SHORTCUT MENU

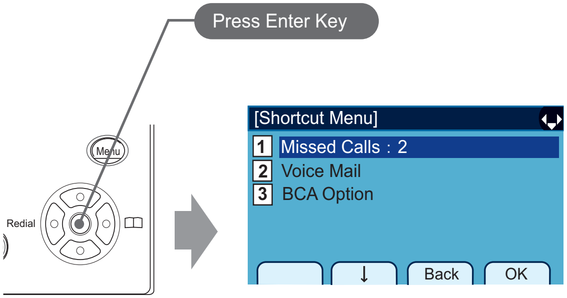
The LCD displays icons when there are missed calls or new voice mails. You can open shortcut menu by pressing ◉ (**Enter**). You can also check missed calls or access the new voice mails from shortcut menu.

Top line of LCD (icon information area)



Indicates that there are new voice mails.

Indicates that there are new missed calls.



Note Unavailable Menu items are grayed out.

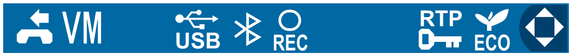
Shortcut Menu

FEATURE	DESCRIPTION
1 Missed Calls	Access history of Missed Calls. The icon disappears after checking the history.
2 Voice Mail	Access history of incoming Voice Mail. The icon disappears after checking the voice mails.
3 BCA Option	Access to check the setting of Bluetooth device.

• STATUS ICONS

The LCD displays icons in the icon information area when there are missed calls or new voice mails. You can check the status at a glance, and access the services quickly.

The following icons are displayed:



FEATURE	ICON	DESCRIPTION
Missed Call	☎	This icon appears when there is a missed call. Once you check the missed call, this icon will disappear.
Voice Mail	VM	This icon provides notification of incoming Voice Mail. Once you check the mail, this icon will disappear.
USB Connection	USB	When an USB device is connected to the terminal, this icon will appear.
USB Caution Note1	USB	If an USB device is in abnormal condition, such as when overcurrent of USB device is detected, this icon will appear.
Bluetooth		When the Bluetooth adapter (BCA-Z) is connected to the terminal, this icon will appear.
USB Call Recording	REC	To the right of this icon, an icon for the status of call recording is displayed while call recording is in progress. For the details, see USB CALL RECORDING.

FEATURE	ICON	DESCRIPTION
Encryption	RTP	This icon appears when the conversation is encrypted.
Power Save Note2	ECO	This icon appears when the terminal is in a power save mode.
Cursor	✥	This icon indicates the currently available direction of the cursor. This icon is displayed in the menu screen.

Note1

For USB USB Caution icon:

When overcurrent of USB device is detected, power supply to the USB port will be suspended.

To restart the power supply, remove the USB device and reboot the terminal by turning OFF/ON the power of terminal.

- When using Power Hub (When AC adapter is not used), unplug and plug.the LAN cable connected to the terminal.
- When using AC adapter, unplug and plug the AC adapter after disconnecting the LAN cable connected to the terminal.

Also, when disconnecting/connecting the LAN cable, be sure not to confuse the cable for LAN port with the cable for PC port.

Note2

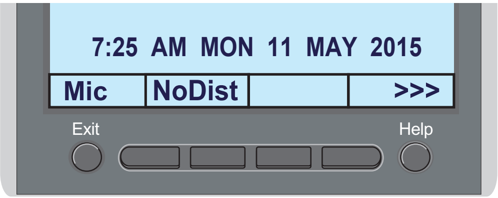
For ECO Power Save icon:

- Power save mode is set at installation. For details, contact the system administrator.
- Power save mode is available for SV9500 V1 or later.

SOFT KEYS

Soft Keys on DT830G provide a set of functions on the LCD that adapts to the changing state of the telephone.

Note Patterns and names of **Soft Keys** to be displayed are set at installation. For details, contact the system administrator.

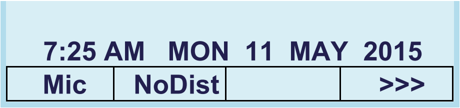


Note Depending on the System Configuration, the frames are displayed for the soft keys on LCD. For details, contact the system administrator.

• DISPLAY SAMPLES

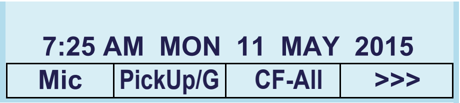
Soft Keys provide a set of functions on the LCD that adapts to the changing state of the telephone.

IDLE



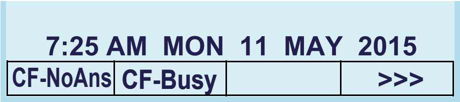
DIAL TONE/DIALING

(1)

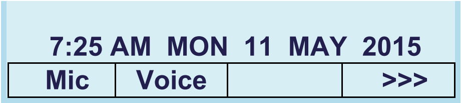


Push **>>>**

(2)

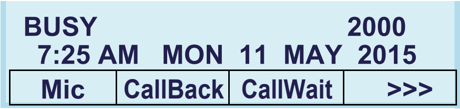


RINGING



BUSY

(1)

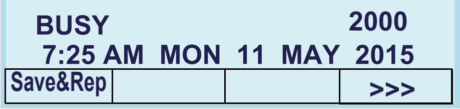


BUSY 2000
7:25 AM MON 11 MAY 2015

Mic	CallBack	CallWait	>>>

Push >>>

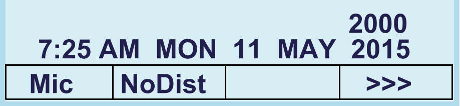
(2)



BUSY 2000
7:25 AM MON 11 MAY 2015

Save&Rep			>>>

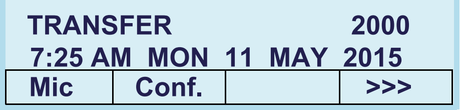
CONNECTION



2000
7:25 AM MON 11 MAY 2015

Mic	NoDist		>>>

CONSULTATION HOLD



TRANSFER 2000
7:25 AM MON 11 MAY 2015

Mic	Conf.		>>>

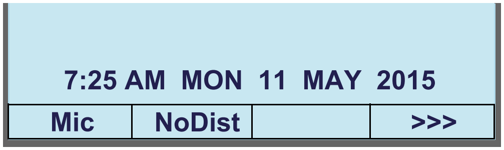
• HOW TO USE SOFT KEYS

This section provides some sample operations of features using **Soft Keys**.

Example 1: DO NOT DISTURB

- Setting DO NOT DISTURB

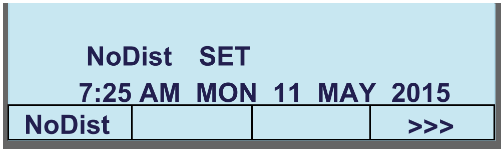
STEP 1: Press **NoDist**.



7:25 AM MON 11 MAY 2015

Mic	NoDist		>>>

STEP 2: **NoDist** flashes.

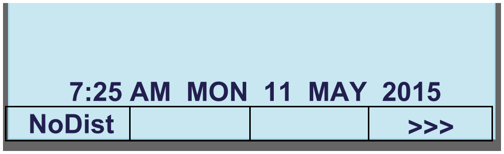


NoDist SET
7:25 AM MON 11 MAY 2015

NoDist			>>>

- Cancelling DO NOT DISTURB

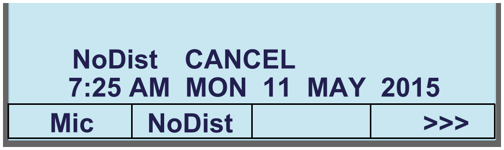
STEP 1: Press **NoDist**.



7:25 AM MON 11 MAY 2015

NoDist			>>>

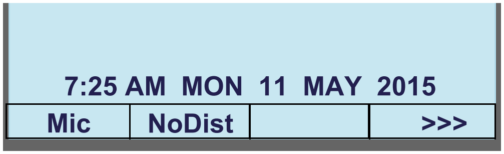
STEP 2: **NoDist** stops flashing.


NoDist CANCEL
7:25 AM MON 11 MAY 2015

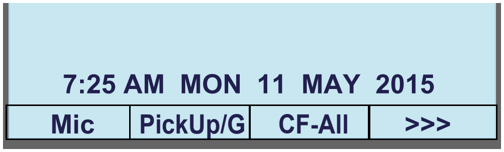
Example 2: CALL FORWARDING (BUSY LINE)

- Setting CALL FORWARDING (BUSY LINE)

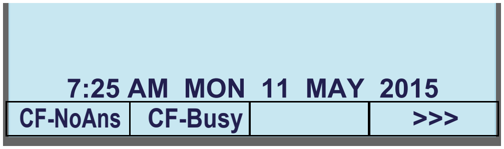
STEP 1: Press **SPEAKER**, and the speaker lamp turns on red.
You will hear a dial tone.


7:25 AM MON 11 MAY 2015

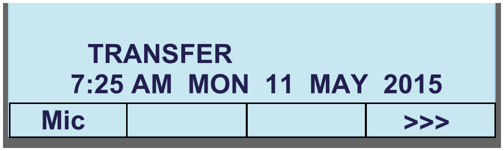
STEP 2: Press **>>>**, and the following four soft keys appear.


7:25 AM MON 11 MAY 2015

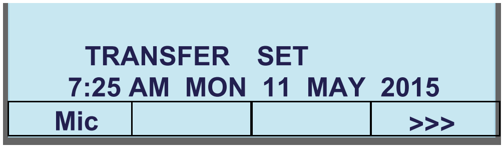
STEP 3: Press **CF-Busy**, and you will hear a special dial tone.


7:25 AM MON 11 MAY 2015

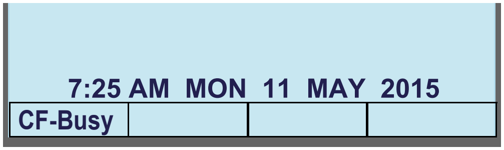
STEP 4: Dial the station number to be transferred to, and you will hear a service set tone (SST).


TRANSFER
7:25 AM MON 11 MAY 2015

STEP 5: Press **SPEAKER**, and the speaker lamp turns off.

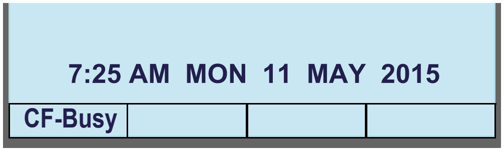

TRANSFER SET
7:25 AM MON 11 MAY 2015

STEP 6: **CF-Busy** starts flashing.


7:25 AM MON 11 MAY 2015

- Canceling CALL FORWARDING (BUSY LINE)

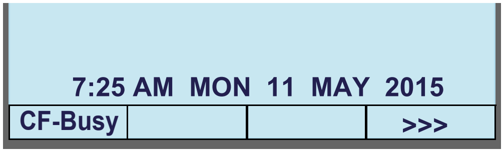
STEP 1: Press **SPEAKER**, and the speaker lamp turns on red.
CF-Busy starts flashing.
You will hear a dial tone.



7:25 AM MON 11 MAY 2015

CF-Busy

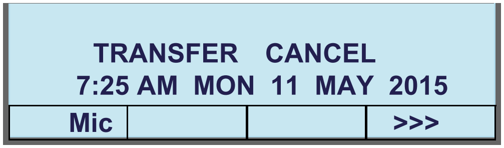
STEP 2: Press **CF-Busy**, and you will hear a service set tone (SST).



7:25 AM MON 11 MAY 2015

CF-Busy | | | >>>

STEP 3: Press **SPEAKER**, and the speaker lamp turns off.



TRANSFER CANCEL
7:25 AM MON 11 MAY 2015

Mic | | | >>>

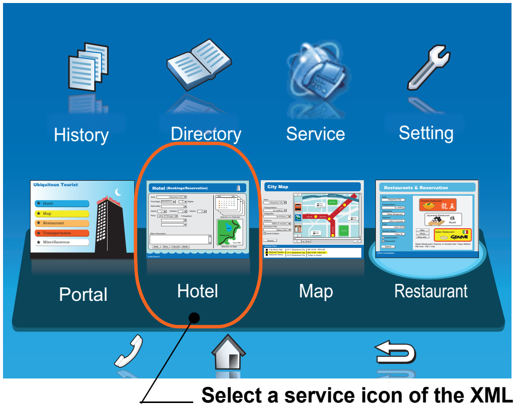
MULTI-WINDOW

DT830G can display multiple windows at a time.
As it is possible to launch multiple applications simultaneously, you can switch the displays quickly. If you receive an incoming call while displaying an application screen, you can operate line keys without exiting other applications first.
You can go back to the previous application screen after operating the line keys.

• SWITCHING XML APPLICATIONS

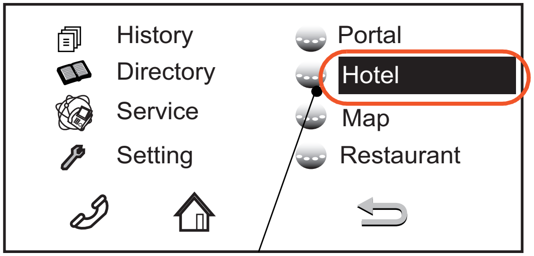
The windows of the XML applications that are currently running are displayed as icons on the menu screen.
You can use this screen to switch windows to display.
Select a service icon of the application that are currently running from the menu screen to display the XML application window.

[ITZ-12/24CG-3]



Select a service icon of the XML application to display.

[ITZ-12/24DG-3]

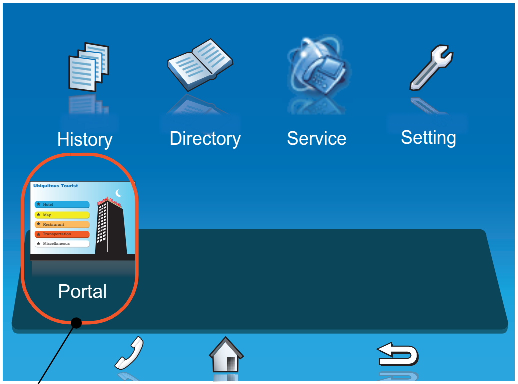


Select a service icon of the XML application to display.

TIP You can exit an XML application by pressing **Exit** while the LCD displays the XML application window. When you exit an XML application, the icons of other applications that are currently running are rearranged from left.

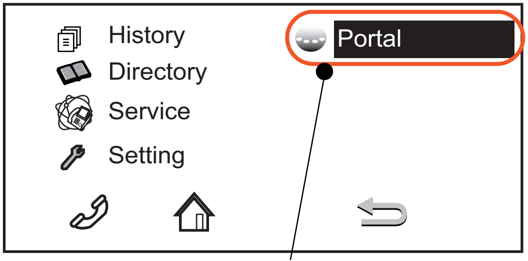
- Normally, only the Portal icon is displayed on the Desktop screen right after the phone is set up.

[ITZ-12/24CG-3]



When a home URL is registered:

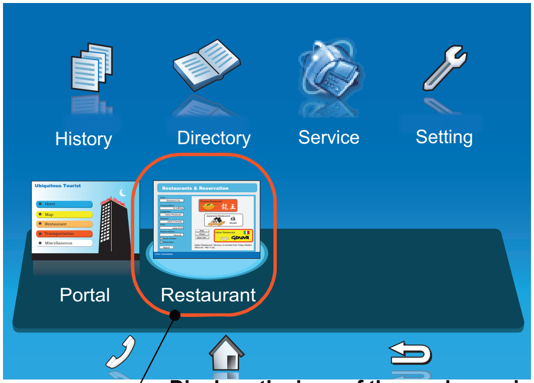
[ITZ-12/24DG-3]



When a home URL is registered:

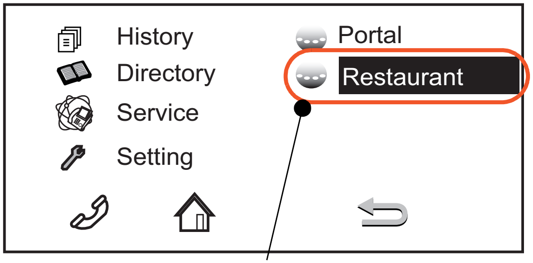
- When you launch an XML application, the icon of the application appears to the right of the **Portal** icon on the **Desktop** screen.

[ITZ-12/24CG-3]



Displays the icon of the newly running XML application

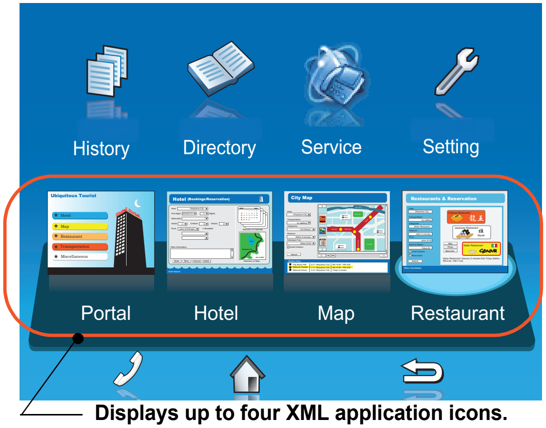
[ITZ-12/24DG-3]



Displays the icon of the newly running XML application

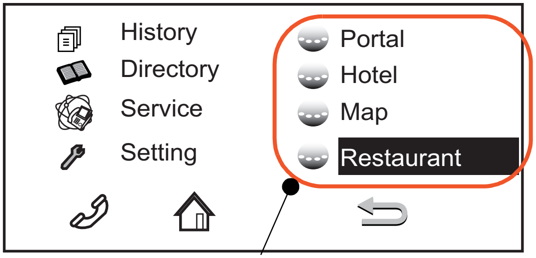
- You can launch up to four XML applications including the **Portal** window. The service icons of the running applications are displayed from the left in order of their launch.

[ITZ-12/24CG-3]



Displays up to four XML application icons.

[ITZ-12/24DG-3]



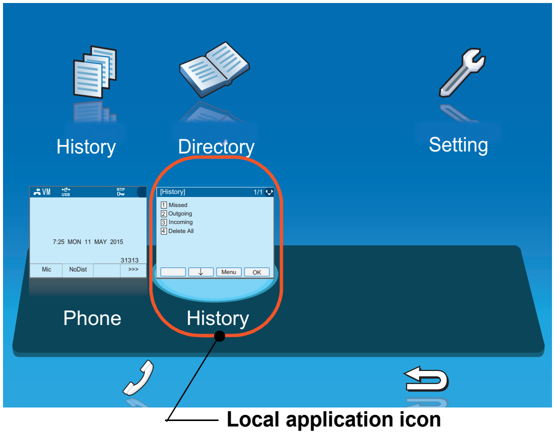
Displays up to four XML application icons.

TIP If you launch the same XML application more than once, only one icon of the application is displayed on the menu screen.

• SWITCHING LOCAL APPLICATIONS

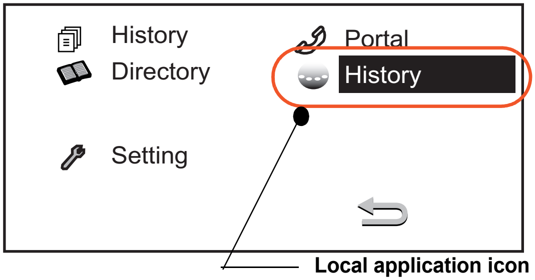
Local applications such as **History**, **Directory**, and **Setting** are displayed in one window.

[ITZ-12/24CG-3]



Local application icon

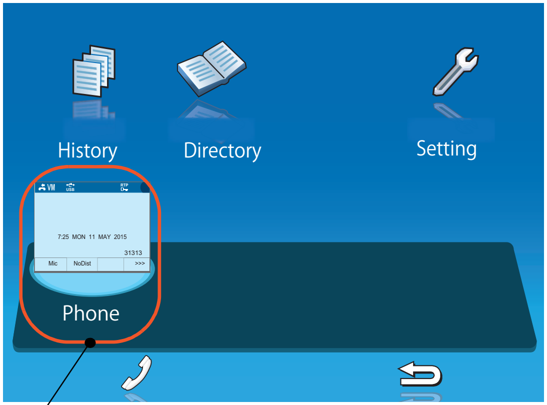
[ITZ-12/24DG-3]



Local application icon

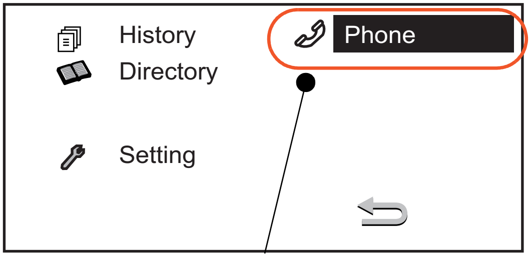
- Normally, only the **Portal** icon is displayed on the **Desktop** screen right after the phone is set up.

[ITZ-12/24CG-3]



When a home URL is not registered:

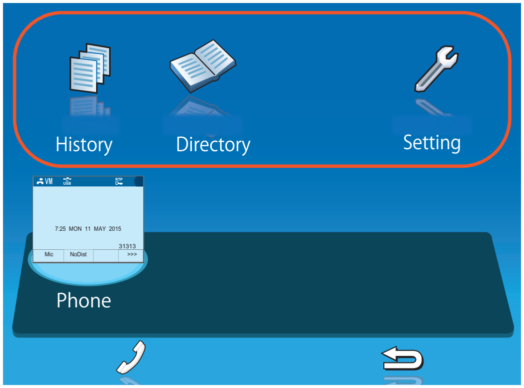
[ITZ-12/24DG-3]



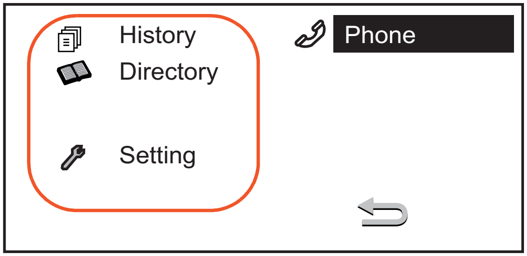
When a home URL is not registered:

- Select a desired local application from icons to launch the application or setting **Menu**.

[ITZ-12/24CG-3]

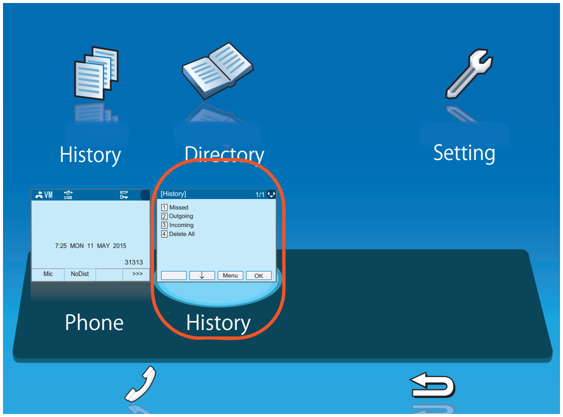


[ITZ-12/24DG-3]

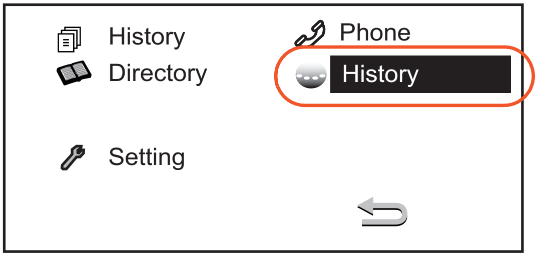


- If you stop operating the local application without exiting the application and press **Menu**, **History** icon is added to the right of the **Portal** icon. This icon shows the last screen you used. By selecting this icon, you can continue the operation of the application where you ended.

[ITZ-12/24CG-3]



[ITZ-12/24DG-3]



TIP If you select a local application by using a One-Touch key while launching other local application, new local application is not running. The initial screen of the currently running application is displayed.

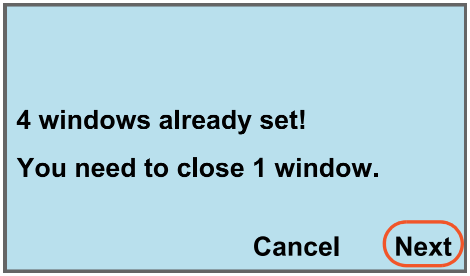
• LAUNCHING THE FIFTH APPLICATION

You can launch up to four XML applications including **Portal** at a time. If you try to launch a fifth application, an error message to ask you to exit one of the currently running applications is displayed. While this error message is displayed, you cannot execute any operations on XML applications.

- If you try to launch a fifth application, an error message to ask you to exit one of the currently running applications is displayed.

  Press **Next**.

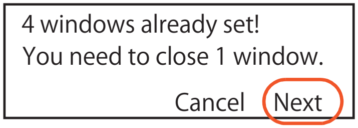
[ITZ-12/24CG-3]



4 windows already set!

You need to close 1 window.

[ITZ-12/24DG-3]

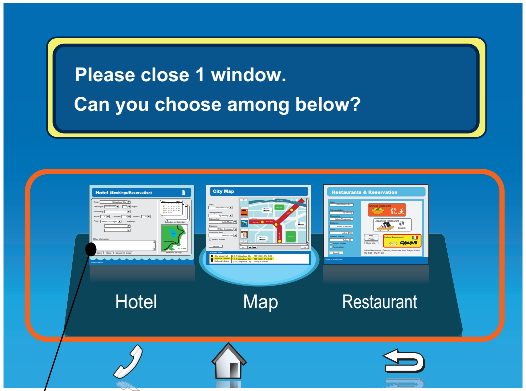


4 windows already set!
You need to close 1 window.

TIP If you do not operate anything for 10 seconds after an error message is displayed, the trial of launching the new application is automatically canceled.

- Application exit screen is displayed. Currently running XML application icons excluding the **Portal** are displayed. Select an application to exit. Now you can launch a new application.

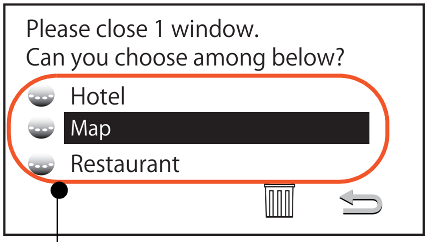
[ITZ-12/24CG-3]



Please close 1 window.
Can you choose among below?

Currently running XML application icons excluding the Portal.

[ITZ-12/24DG-3]

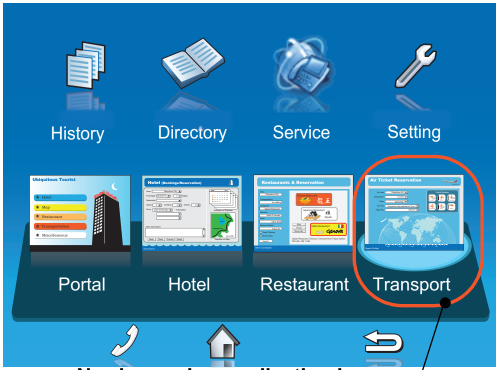


Please close 1 window.
Can you choose among below?

Currently running XML application icons excluding the Portal.

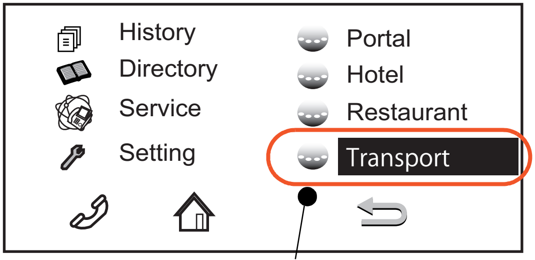
- The icon for the application you quit disappears from the menu screen. The newly running application icon is added to the right.

[ITZ-12/24CG-3]



Newly running application icon

[ITZ-12/24DG-3]



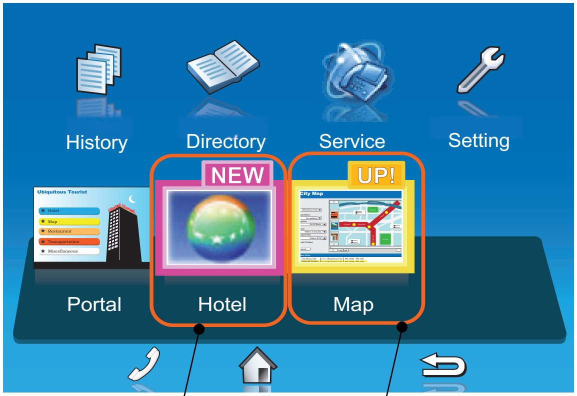
Newly running application icon

• ICON DISPLAY AT XML APPLICATION UPDATE

The service icons displayed on the menu screen are reduced screen images of actual XML application screens. The icon and the actual application display may differ because the system cannot iconize the screen image until it actually displays the application windows.

NEW icon is displayed when the application orders to display an icon that was formerly not displayed.
UPDATE icon is displayed when the window of the XML application is updated.

[ITZ-12/24CG-3]

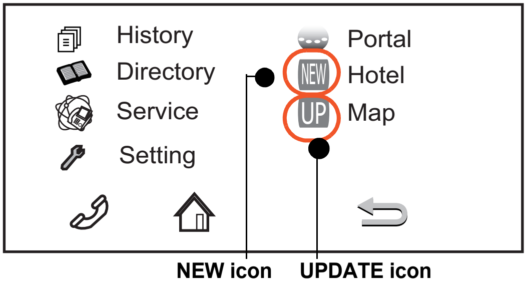


NEW icon

UPDATE icon

TIP **NEW** and **UPDATE** icons flash every second.

[ITZ-12/24DG-3]

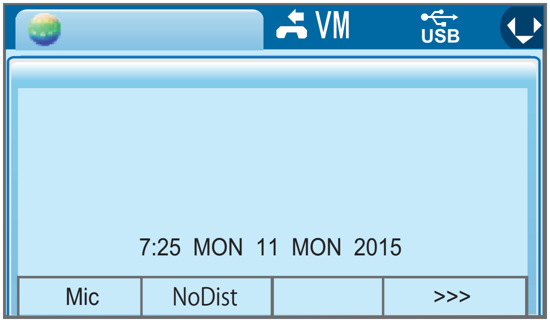


TIP **NEW/UPDATE** icon and **Application** icon appear alternately every second.

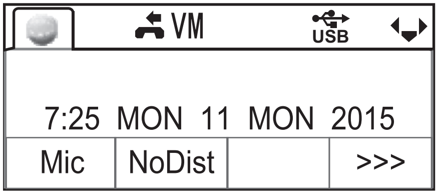
POP-UP WINDOWS

If there is an incoming call while the phone is displaying an XML application, or a local application such as **History** or **Directory**, a telephone service window appears as a pop-up window.

[ITZ-12/24CG-3]



[ITZ-12/24DG-3]



• LAUNCHING A POP-UP WINDOW

There are several ways to display a pop-up window as listed below.

TIP A procedure how to display a pop-up window is set at installation. For details, contact the system administrator.

HOW TO DISPLAY
By selecting Phone icon on the menu screen.
When there is an incoming call to the phone.
By going off-hook. (lifting the handset, etc.)
When receiving a request from the XML application server.
By pressing POP-UP on an XML application.
When the system directs resource release.
By pressing Help key on the menu screen

TIP If the previous page of the menu screen is the default home screen, the telephone icon of the menu screen will not be displayed.

TIP When using Help key on the POP-UP window, Help key operation setting is required. For details, see TO SET USABILITY.

• EXITING A POP-UP WINDOW

A pop-up window closes when;

- Menu is pressed to display the menu screen.
- the phone goes on-hook.
- the call is abandoned before being answered.
- XML application server directs to do so.
- **Pop-Up Close** on the XML application is pressed.

2. INSTALLATION PROCEDURE

When you remove the line key panel, you will see an overlay (line key card) with key cutouts on the programmable key pad. You can use this card to label the programmable keys for quick access to features or **One-Touch Speed Calling** entries.

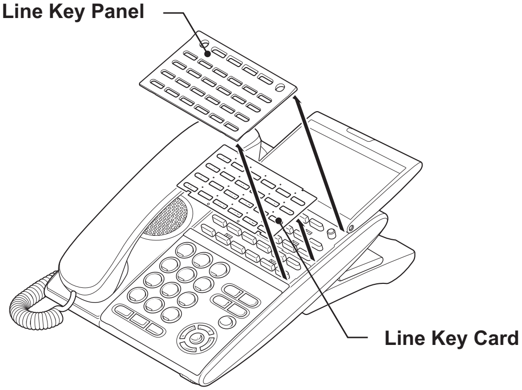
INSTALLING/REMOVING LINE KEY CARD

• TO REMOVE KEY SET UNIT (LINE KEY PANEL AND LINE KEY CARD)

STEP 1: Insert the tip of a tool (such as a small screw-driver) into the right side of the line key panel.

STEP 2: Pull the line key panel out of the telephone.

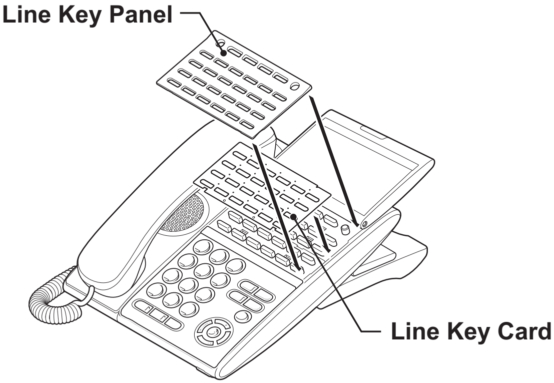
STEP 3: Remove the line key card.



• TO INSTALL KEY SET UNIT (LINE KEY PANEL AND LINE KEY CARD)

STEP 1: Align the holes in the line key card with the buttons on the telephone.

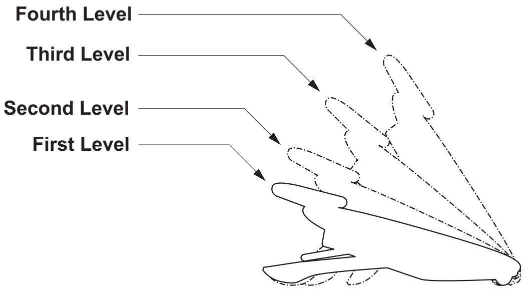
STEP 2: Align the holes in the line key panel with the buttons on the telephone and then push the four corners of the panel until the panel clicks into place.



Note Be sure to install the line key panel correctly, or it may cause undesired operation of the terminal.

ADJUSTING ANGLE OF TILT LEG

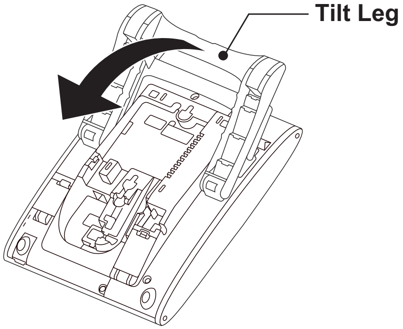
The angle of the tilt leg can be adjusted in four levels.



• TO RAISE TILT LEG

STEP 1: Turn the telephone set upside down.

STEP 2: Adjust the angle of the tilt leg by pulling the leg in the direction of the arrow. The leg clicks when it is in position.

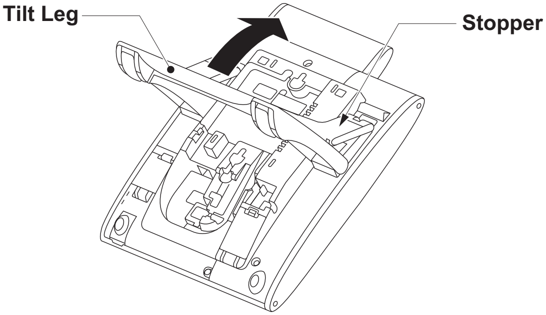


STEP 3: Turn the telephone set upside down again.

• TO LOWER TILT LEG

STEP 1: Turn the telephone set upside down.

STEP 2: While lifting the center of the stopper, push the tilt leg in the direction of the arrow. The leg clicks when it is in position.

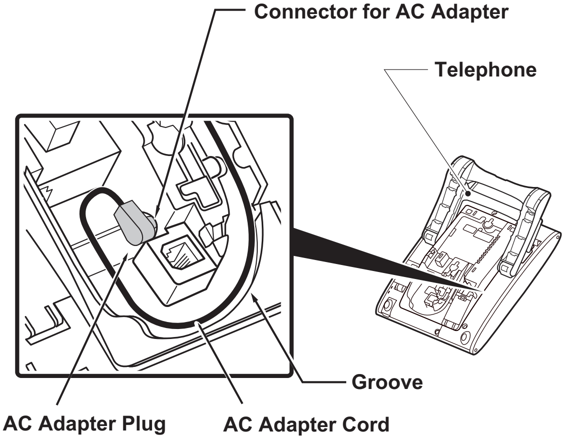


STEP 3: Turn the telephone set upside down again.

CONNECTING AC ADAPTER

STEP 1: Insert an AC adapter plug into the connector of the AC adapter (AC-L UNIT) on the back of telephone.

STEP 2: Run the AC adapter cord through the groove on the back of telephone, and lock it in place.



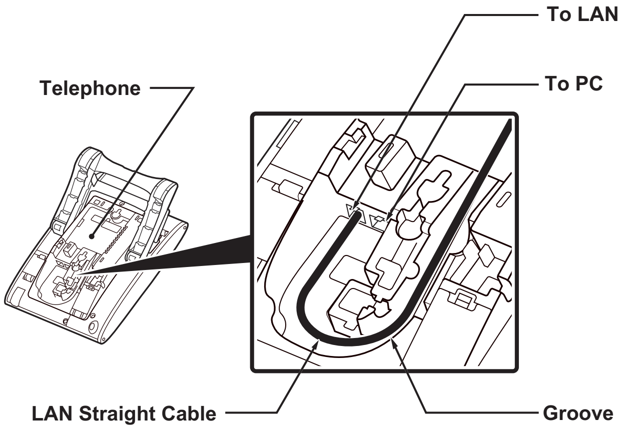
Note When you remove the AC adapter from the terminal, disconnect the LAN cable beforehand.

CONNECTING LAN CABLE

STEP 1: Prepare 10 BASE-T/100 BASE-T/TX 1000BASE-T cables (Straight) for connecting the telephone to network devices such as HUB, PoE Switch.

STEP 2: Connect the telephone to the network device using the LAN cable.

STEP 3: Thread the LAN cable through the groove on the back of the telephone.



Note When you connect the LAN cable to a PC, connect the LAN cable to the terminal's PC port and the PC.

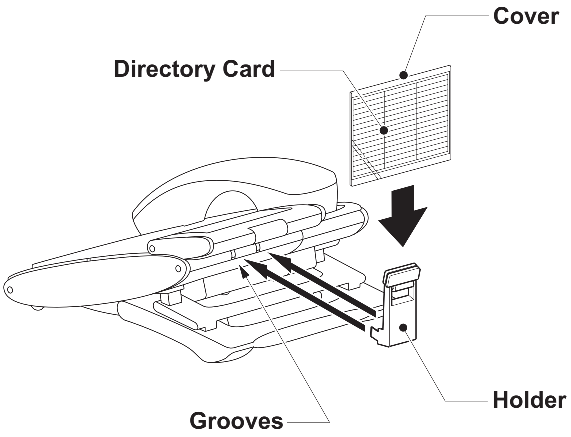
INSTALLING DIRECTORY CARD

An optional directory card (also known as an abbreviated dialing table) can be attached to the telephone sets. The directory card can be used to record often dialed numbers or other important information.

Note To remove the directory card, pinch both sides of the directory card holder inward until the tabs release and pull the holder out of the grooves.

STEP 1: Remove the protective sheet from the cover.

STEP 2: Attach the cover to the directory card and then attach it to the directory card holder.



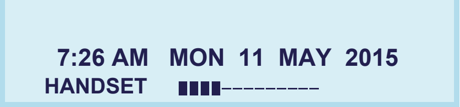
3. TERMINAL SETUP

This chapter describes operating procedures for terminal settings. Various terminal settings such as display, sounds, password, and language are available.

SETUP WITH UP/DOWN KEY

• TO ADJUST HANDSET RECEIVER VOLUME

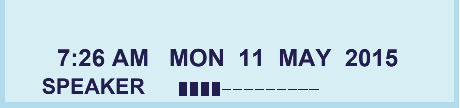
STEP 1: Press **(Up)** or **(Down)** in the off-hook status or during a call.



7:26 AM MON 11 MAY 2015
HANDSET ▮▮▮▮---------

• TO ADJUST SPEAKER VOLUME

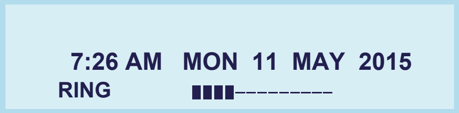
STEP 1: Press **(Up)** or **(Down)** during speakerphone operation or during a call.



7:26 AM MON 11 MAY 2015
SPEAKER ▮▮▮▮---------

• TO ADJUST RINGER TONE

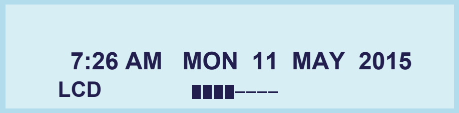
STEP 1: Press **(Up)** or **(Down)** during ringing.



7:26 AM MON 11 MAY 2015
RING ▮▮▮▮---------

• TO ADJUST LCD CONTRAST (For ITZ-12/24DG-3)

STEP 1: Press **(Up)** or **(Down)** on the Desktop screen.



7:26 AM MON 11 MAY 2015
LCD ▮▮▮▮----

Note LCD contrast adjustment is only for ITZ-12/24DG-3.

DISPLAY ENLARGED CHARACTERS

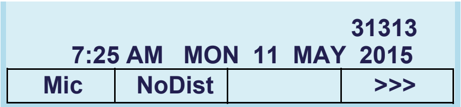
This feature enables to display characters height as a double height size for the terminal information on the LCD. The indication of enlarged characters is available for 2nd line or 3rd line on the LCD. The line displayed as enlarged characters can be switched by using the Line/Feature Key for “Display Enlarged Characters”.

Note The feature key of “Display Enlarged Characters” is assigned at installation. For details, contact the system administrator.

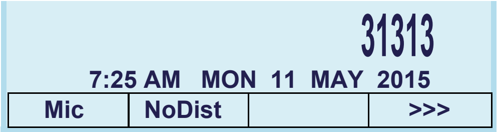
• To Switch the Line Indicating Double Height Characters

By pressing the Soft Key or the Line/Feature Key, you can switch the characters displayed to double height size in the order of "Enlarged Characters (2nd line)" → "Enlarged Characters (3rd line)" → "No Enlarged Characters". The following shows an example when using this feature.

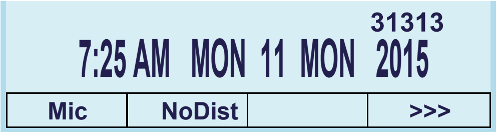
- No Enlarged Characters



- Enlarged Characters (2nd line)



- Enlarged Characters (3rd line)



SETUP WITH FEATURE KEY

• MICROPHONE ON/OFF

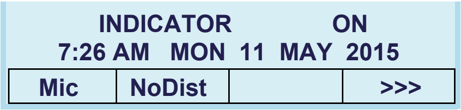
STEP 1: LED on Mic shows the status of the built-in microphone.

STEP 2: Press soft key associated with the Mic Display or press Feature and ①.

• CALL INDICATOR LAMP ON/OFF

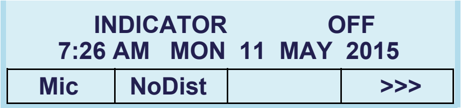
You can select to turn the call indicator lamp either on or off during ringing.

STEP 1: Press Feature and ⑦. The LCD displays:



INDICATOR ON
7:26 AM MON 11 MAY 2015

Mic	NoDist		>>>



INDICATOR OFF
7:26 AM MON 11 MAY 2015

Mic	NoDist		>>>

Note The call indicator lamp lights when used as Message Waiting Lamp, even when it is turned off by the above operation

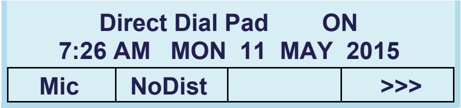
• SELECT DIAL MODE

You can select one pattern from Normal, Dynamic Dial Pad or Preset Dial to originate a call.

When only Dynamic Dial Pad is activated:

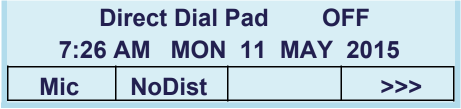
To Set/Reset Dynamic Dial Pad

STEP 1: Press Feature and ⑧. The LCD displays:



Direct Dial Pad ON
7:26 AM MON 11 MAY 2015

Mic	NoDist		>>>



Direct Dial Pad OFF
7:26 AM MON 11 MAY 2015

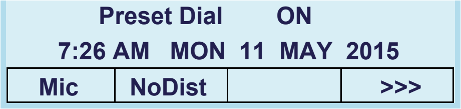
Mic	NoDist		>>>

TIP When this feature is ON, you may initiate a call by immediately dialing the number and the station will go hands-free off-hook automatically. For details, see TO ORIGINATE A CALL USING SELECTIVE DIALING (DYNAMIC DIAL PAD, PRESET DIAL).

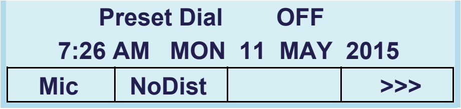
When only Preset Dial is activated:

To Set/Reset Preset Dial

STEP 1: Press Feature and 8. The LCD displays:



Preset Dial ON
7:26 AM MON 11 MAY 2015
Mic NoDist >>>



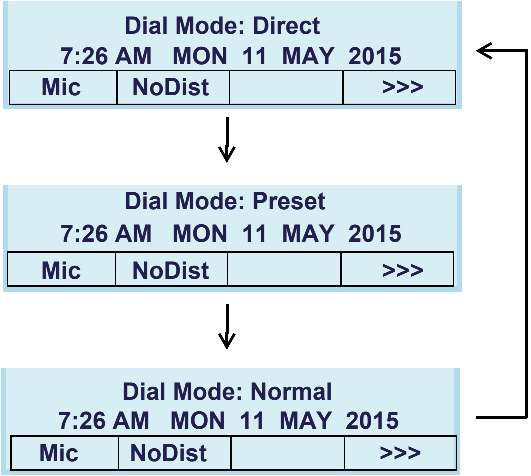
Preset Dial OFF
7:26 AM MON 11 MAY 2015
Mic NoDist >>>

TIP When this feature is ON, you may initiate a call by pressing Speaker or going off-hook after dialing the number. For details, see TO ORIGINATE A CALL USING SELECTIVE DIALING (DYNAMIC DIAL PAD, PRESET DIAL).

When both Dynamic Dial Pad and Preset Dial are activated:

To Set Dial Mode

STEP 1: Every time Feature and 8 are pressed, Dial Mode switches. The LCD displays:



Dial Mode: Direct
7:26 AM MON 11 MAY 2015
Mic NoDist >>>

Dial Mode: Preset
7:26 AM MON 11 MAY 2015
Mic NoDist >>>

Dial Mode: Normal
7:26 AM MON 11 MAY 2015
Mic NoDist >>>

Note It means that Dial Mode displayed on LCD is ON.

• Ringing Line Pickup

To Set Preset Answer

STEP 1: Press Feature. Feature lamp lights red.

STEP 2: Press Answer. Feature lamp goes off, and Answer lamp lights red.

To Answer a Call with Preset Answer

STEP 1: You hear the ringing tone. Call Indicator Lamp flashes red.

STEP 2: Lift the handset to answer the call. Call Indicator Lamp goes off.

To Cancel Preset Answer

STEP 1: Press Feature. Feature lamp lights red.

STEP 2: Press Answer. Feature lamp and Answer lamp go off.

SETUP WITH MENU KEY

• TO ENABLE/DISABLE OFF-HOOK RINGING

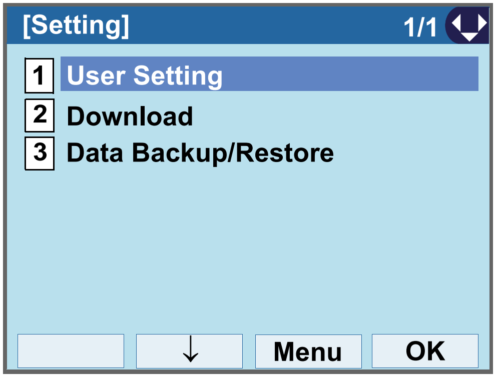
The procedure below shows how to enable/disable Off-hook ringing.

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



[Setting] 1/1

1 User Setting

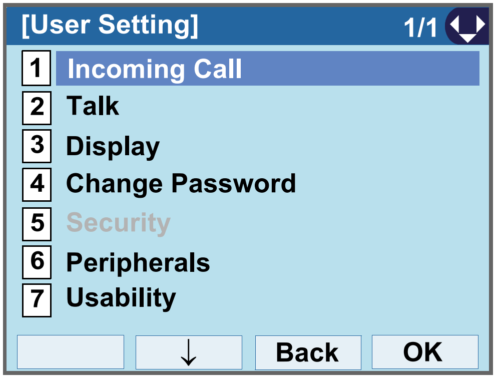
2 Download

3 Data Backup/Restore

STEP 3: Select 1 **Incoming Call.**

Select an item by one of the following operations.

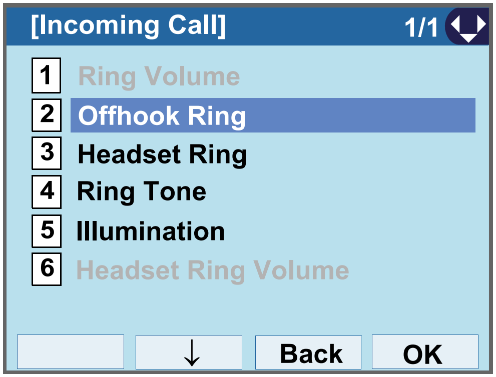
- Highlight an item by using ⊙ or **UP/DOWN** soft key, and press ⊙, ⊙ or **OK**.
- Press ①.



STEP 4: Select 2 **Offhook Ring.**

Select an item by one of the following operations.

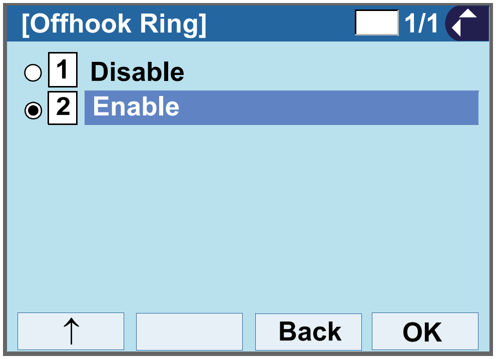
- Highlight an item by using ⊙ or **UP/DOWN** soft key, and press ⊙, ⊙ or **OK**.
- Press ②.



STEP 5: To disable/enable the off-hook ringing, choose 1 **Disable** or 2 **Enable.**

Select an item by one of the following operations.

- Highlight an item by using ⊙ or **UP/DOWN** soft key, and press ⊙ or **OK**.
- Press ① or ②, and press ⊙ or **OK**.



TIP Default setting is **Enable**.

TIP The enabled item is highlighted.

• TO SET RINGING OF HEADSET

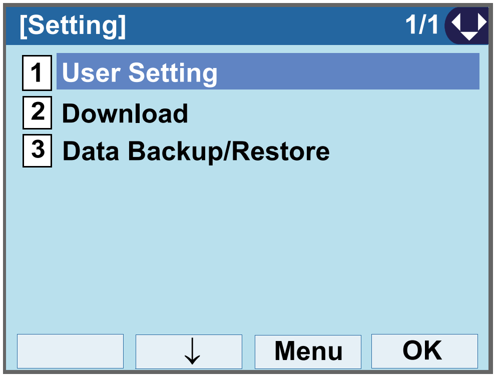
The procedure below shows how to enable/disable the ringing of headset.

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.

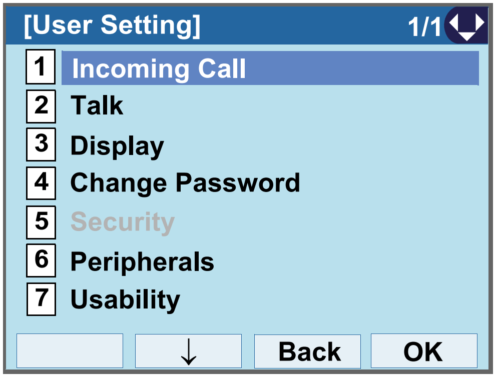
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 3: Select 1 **Incoming Call**.

Select an item by one of the following operations.

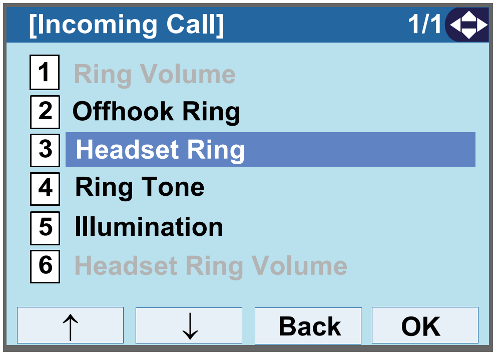
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 4: Select 3 **Headset Ring**.

Select an item by one of the following operations.

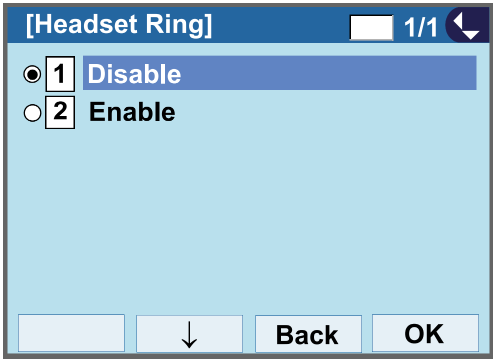
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ③.



STEP 5: To disable/enable the ringing of headset, choose 1 **Disable** or 2 **Enable**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎ or **OK**.
- Press ① or ②, and press ◎ or **OK**.



[Headset Ring] 1/1

● 1 Disable

○ 2 Enable

TIP Default setting is **Disable**.

• TO SET RINGER TONE

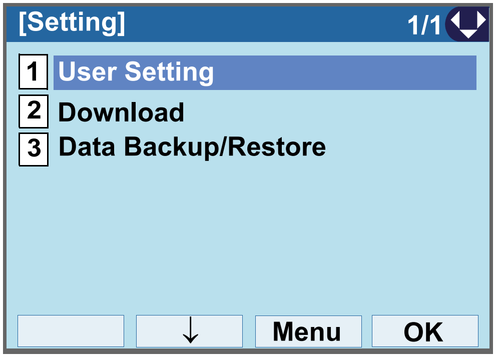
The procedure below shows how to change the ringer tone for internal call and external call.

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



[Setting] 1/1

1 User Setting

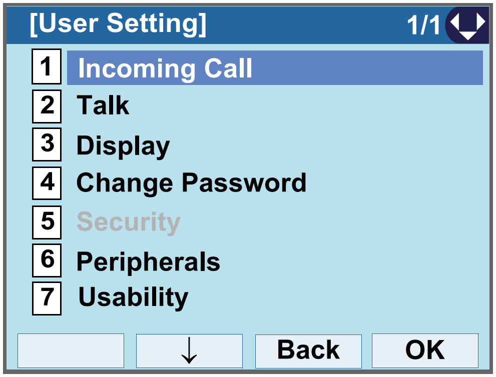
2 Download

3 Data Backup/Restore

STEP 3: Select 1 **Incoming Call**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



[User Setting] 1/1

1 Incoming Call

2 Talk

3 Display

4 Change Password

5 Security

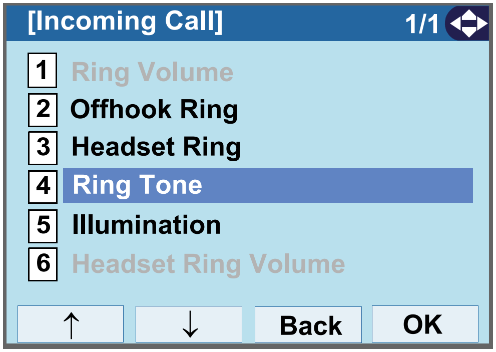
6 Peripherals

7 Usability

STEP 4: Select 4 **Ring Tone**.

Select an item by one of the following operations.

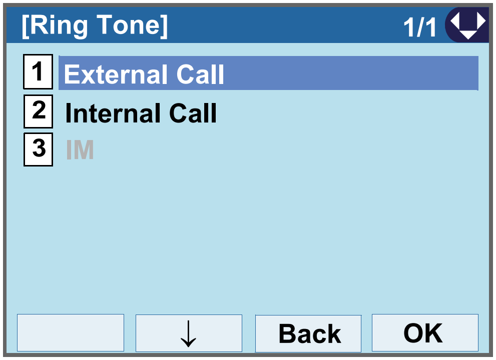
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ④.



STEP 5: Select 1 **External Call** when setting the ringer tone for external calls. Select 2 **Internal Call** when setting the ringer tone for internal calls.

Select an item by one of the following operations.

- Highlight an item by using ⊙ or **UP/DOWN** soft key, and press ⊙, ⊙ or **OK**.
- Press ① or ②.

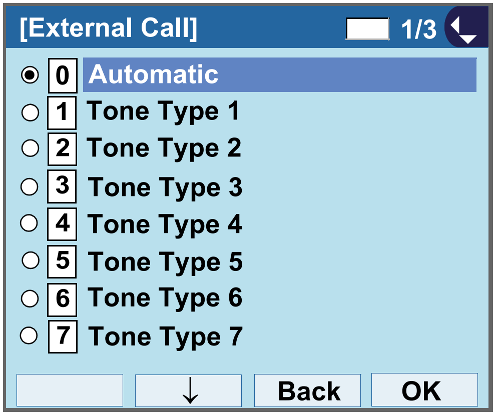


STEP 6: Select a desired tone type. You can preview designated ringer tone.

Select an item by one of the following operations.

- Highlight an item by using ⊙ or **UP/DOWN** soft key, and press ⊙ or **OK**.
- Press the digit key of desired number, and press ⊙ or **OK**.

For example, press ① + ⑤ to select 15 **Download1**.



No.	Menu Item	Frequency (Hz)		Remarks
		1st	2nd	
0	Automatic	520	660	16Hz modulation
1	Tone Type 1	520	660	16Hz modulation
2	Tone Type 2	520	660	8Hz modulation
3	Tone Type 3	1400	1100	Door Phone
4	Tone Type 4	1100		No modulation
5	Tone Type 5	540		No modulation
6	Tone Type 6	1100	1400	16Hz modulation
7	Tone Type 7	660	760	16Hz modulation

No.	Menu Item	Frequency (Hz)		Remarks
		1st	2nd	
8	Tone Type 8	1100		Envelope
9	Tone Type 9	-		Door Phone Melody
10	Tone Type 10	-		Melody 1
11	Tone Type 11	-		Melody 2
12	Tone Type 12	-		Melody 3
13	Tone Type 13	-		Melody 4
14	Tone Type 14	-		Melody 5
15	Download 1	-		
16	Download 2	-		
17	Download 3	-		

Note When selecting **Automatic** or not performing this ringer tone setting, **Tone Type 1** is automatically applied.

Note When selecting **Automatic**, the preview function will not operate. Also, when selecting **Download 1/2/3**, the ringer tone file must be downloaded in advance. If there is no downloaded file, you hear no tone.

Note **Tone Type 1** to **Tone Type 8:**
In the preview function, each ringer tone sounds continuously. Actual ringer pattern of each tone is determined by the initial system settings.

Note Terminal settings may not become effective, according to the system settings. For details, contact the System Administrator.

TIP The enabled item is highlighted.

TIP You can set ringer tone for the telephone set here. Ringer Tone type can be set for "Name", "Group" and "Telephone set". The ringer Tone type set for "Name" has higher priority than the types set for "Group" and "Terminal set".

• TO SET ILLUMINATION PATTERN FOR CALL INDICATION LAMP

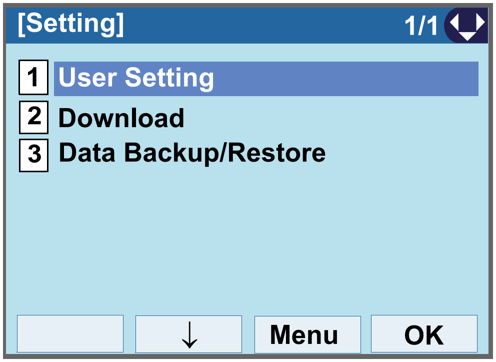
The procedure below shows how to set the illumination pattern (color of Call Indicator Lamp).

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.

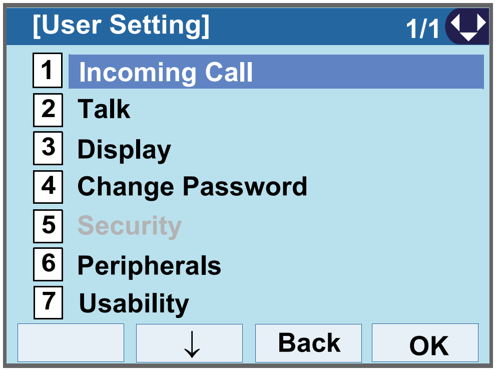
- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ①.



STEP 3: Select 1 **Incoming Call**.

Select an item by one of the following operations.

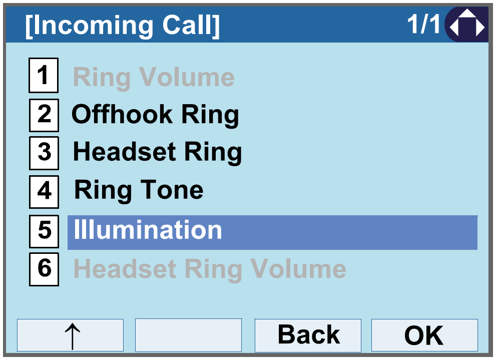
- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ①.



STEP 4: Select 5 **Illumination**.

Select an item by one of the following operations.

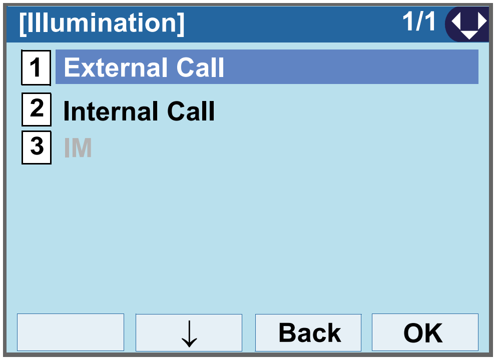
- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ⑤.



STEP 5: Select 1 **External Call** when setting the illumination pattern for external calls. Select 2 **Internal Call** when setting the illumination pattern for internal call.

Select an item by one of the following operations.

- Highlight an item by using or **UP/DOWN** soft key, and press , or **OK**.
- Press ① or ②.



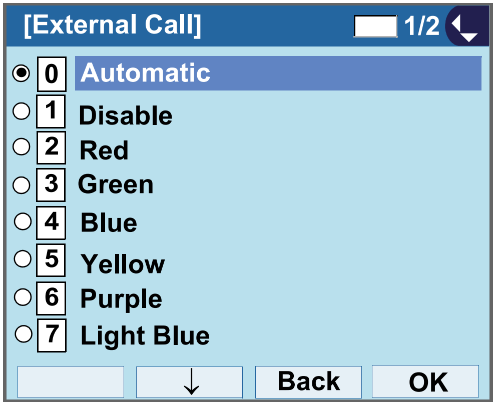
[Illumination] 1/1

1 External Call
2 Internal Call
3 IM

STEP 6: Select a desired illumination pattern. You can preview the designated illumination pattern.

Select an item by one of the following operations.

- Highlight an item by using or **UP/DOWN** soft key, and press or **OK**.
- Press ⓪ - ⑨, and press or **OK**.



[External Call] 1/2

● 0 Automatic
○ 1 Disable
○ 2 Red
○ 3 Green
○ 4 Blue
○ 5 Yellow
○ 6 Purple
○ 7 Light Blue

Note When selecting **Automatic**, the preview function will not operate.

Note When selecting **Automatic** or not performing this illumination setting, **Red** is automatically applied.

TIP You can set illumination pattern for the telephone set here. Illumination pattern can be set for "Name", "Group" and "Telephone set". The illumination pattern set for "Name" has higher priority than the patterns set for "Group" and "Terminal set".

• TO ENABLE/DISABLE RTP ALARM

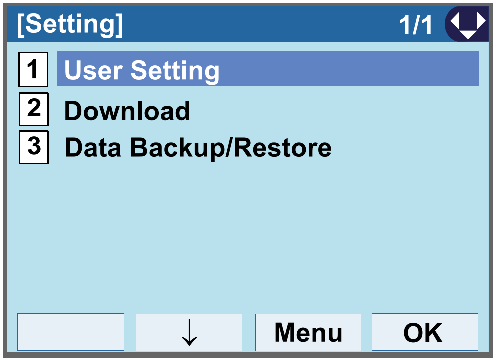
The procedure below shows how to enable/disable RTP alarm.

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.

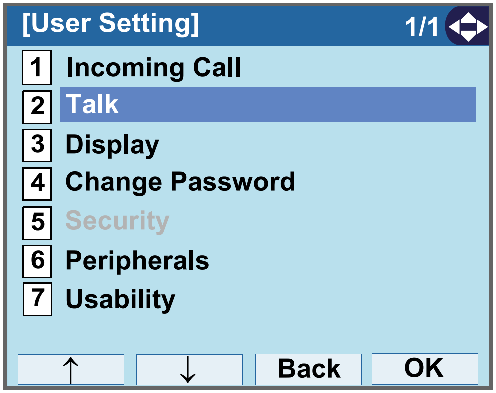
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 3: Select 2 **Talk**.

Select an item by one of the following operations.

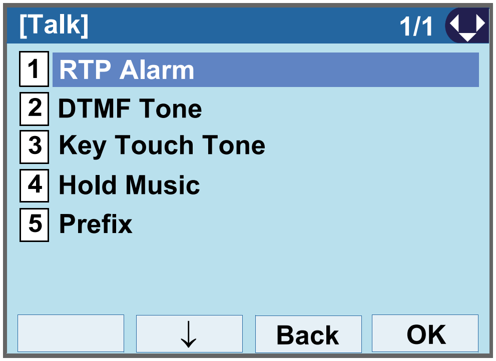
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ②.



STEP 4: Select 1 **RTP Alarm**.

Select an item by one of the following operations.

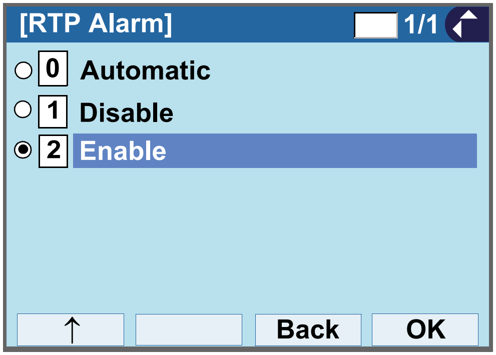
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 5: Select 0 **Automatic**, 1 **Disable** or 2 **Enable** (see the following table).

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎ or **OK**.
- Press ⓪ - ②, and press ◎ or **OK**.


[RTP Alarm] 1/1

○ 0 Automatic
○ 1 Disable
● 2 Enable

No.	Menu Items	Descriptions
0	Automatic	Follow the setting on the System. If no setting is made in the System, the default setting (Alarm=ON) is applied.
1	Disable	Follow the setting on the terminal (OFF).
2	Enable	Follow the setting on the terminal (ON).

TIP For the setting on the System, contact the System Administrator.

TIP Default setting is **Automatic**.

TIP The enabled item is highlighted.

• TO ENABLE/DISABLE DTMF TONE

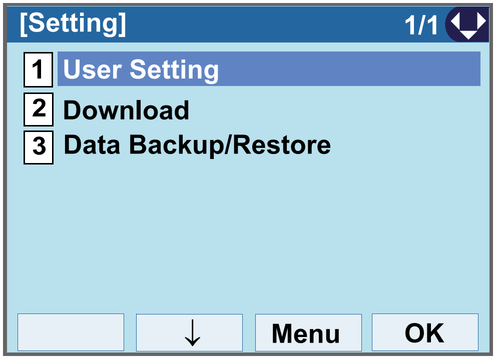
The procedure below shows how to enable/disable DTMF Tone.

STEP 1: Display the **Menu** screen, and select **Setting.**

STEP 2: Select 1 **User Setting.**

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.

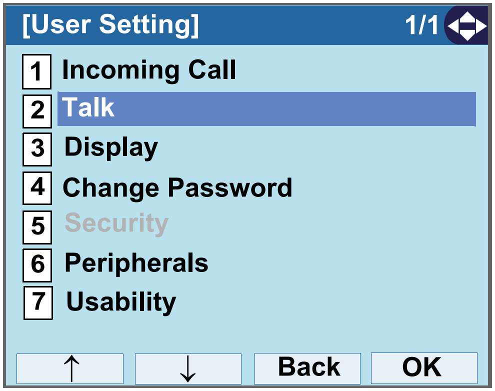

[Setting] 1/1

1 User Setting
2 Download
3 Data Backup/Restore

STEP 3: Select 2 **Talk.**

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ②.


[User Setting] 1/1

1 Incoming Call

2 Talk

3 Display

4 Change Password

5 Security

6 Peripherals

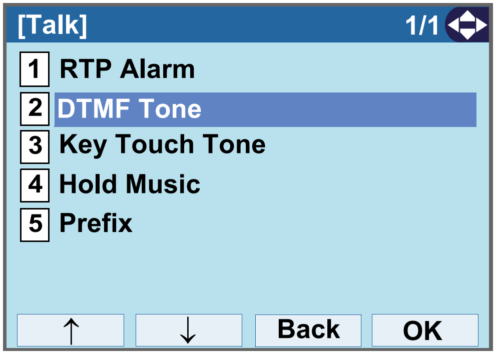
7 Usability

↑ ↓ Back OK

STEP 4: Select 2 **DTMF Tone**.

Select an item by one of the following operations.

- Highlight an item by using ⊙ or **UP/DOWN** soft key, and press ⊙, ⊙ or **OK**.
- Press ②.


[Talk] 1/1

1 RTP Alarm

2 DTMF Tone

3 Key Touch Tone

4 Hold Music

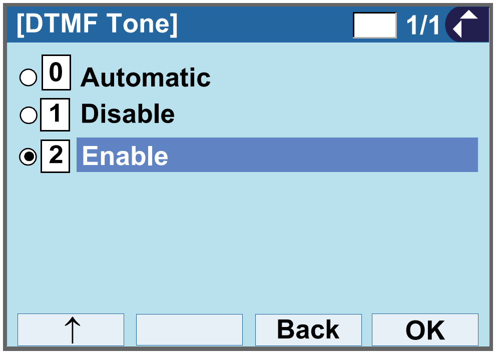
5 Prefix

↑ ↓ Back OK

STEP 5: Select 0 **Automatic**, 1 **Disable** or 2 **Enable** (see the following table).

Select an item by one of the following operations.

- Highlight an item by using ⊙ or **UP/DOWN** soft key, and press ⊙ or **OK**.
- Press ⓪ - ②, and press ⊙ or **OK**.


[DTMF Tone] 1/1

○ 0 Automatic

○ 1 Disable

● 2 Enable

↑ Back OK

No.	Menu Items	Descriptions
0	Automatic	Follow the setting on the System. If no setting is made in the System, the default setting (DTMF=ON) is applied.
1	Disable	Follow the setting on the terminal (OFF).
2	Enable	Follow the setting on the terminal (ON).

TIP For the setting on the System, contact the System Administrator.

TIP Default setting is **Automatic**.

TIP The enabled item is highlighted.

• TO SET KEY TOUCH TONE

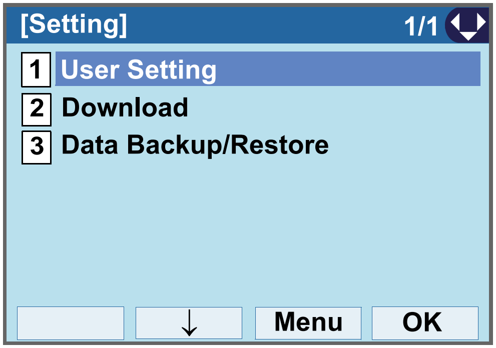
The procedure below shows how to set Key Touch Tone. Key Touch Tone is a tone generated when the digit keys are pressed while DT830G is off-hook.

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



[Setting] 1/1

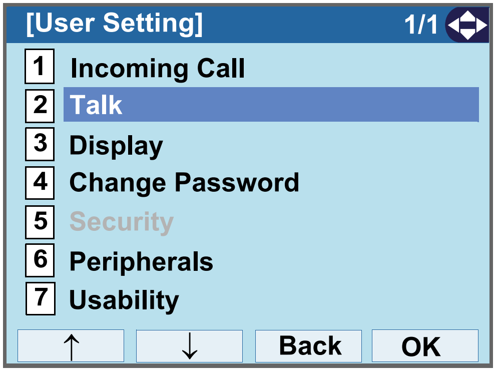
1 User Setting
2 Download
3 Data Backup/Restore

↓ Menu OK

STEP 3: Select 2 **Talk**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ②.



[User Setting] 1/1

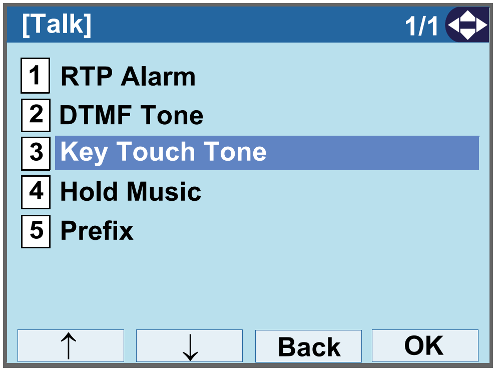
1 Incoming Call
2 Talk
3 Display
4 Change Password
5 Security
6 Peripherals
7 Usability

↑ ↓ Back OK

STEP 4: Select 3 **Key Touch Tone.**

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ③.



[Talk] 1/1

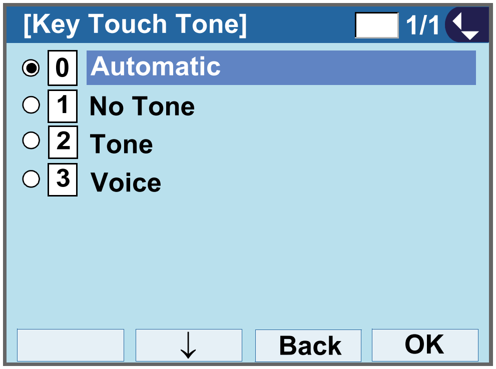
1 RTP Alarm
2 DTMF Tone
3 Key Touch Tone
4 Hold Music
5 Prefix

↑ ↓ Back OK

STEP 5: Select 0 **Automatic**, 1 **No Tone**, 2 **Tone** or 3 **Voice**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◉ or **OK**.
- Press ⓪ - ③, and press ◉ or **OK**.



[Key Touch Tone] 1/1

● 0 Automatic

○ 1 No Tone

○ 2 Tone

○ 3 Voice

Note When **Automatic** is set, the default setting (Tone) is applied.

TIP Default setting is **Automatic**.

TIP The enabled item is highlighted.

• TO SET MUSIC ON HOLD

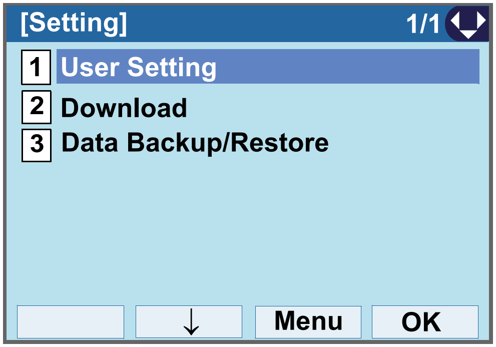
The procedure below shows how to set Music on Hold to be heard by DT830G user.

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.

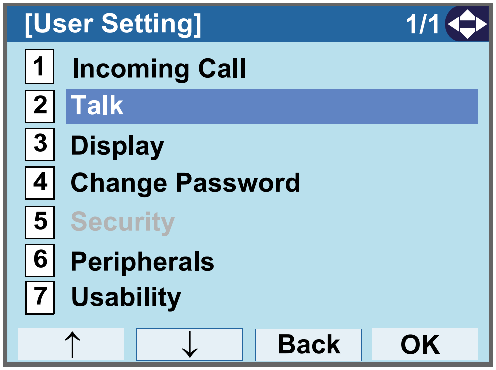
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 3: Select 2 **Talk**.

Select an item by one of the following operations.

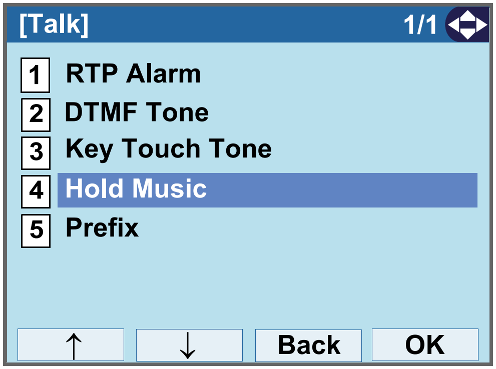
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ②.



STEP 4: Select 4 **Hold Music**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ④.

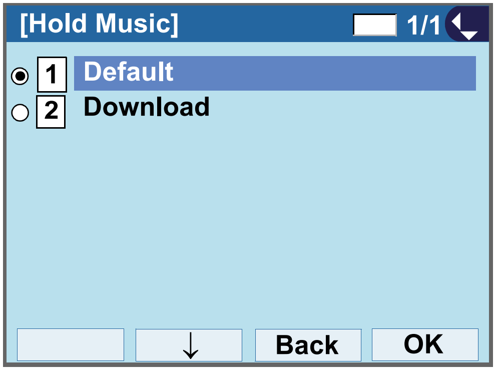


STEP 5: Select a desired Music on Hold. You can preview the designated Music on Hold.

Choose 1 **Default** when the default data (Minuet) is used as Music on Hold. Choose 2 **Download** when a downloaded data is used as Music on Hold.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎ or **OK**.
- Press ① or ②, and press ◎ or **OK**.



[Hold Music] 1/1

● 1 Default

○ 2 Download

Note You can preview the designated music on hold. When selecting Download, the music on hold file must be downloaded in advance. If there is no downloaded file, you hear no tone in the preview function (in actual operating conditions, "Minuet" is automatically applied.).

TIP Default setting is **Default** (Minuet).

TIP The enabled item is highlighted.

• TO SET CALENDER FORMAT

The following explains how to set the time display pattern on the LCD.

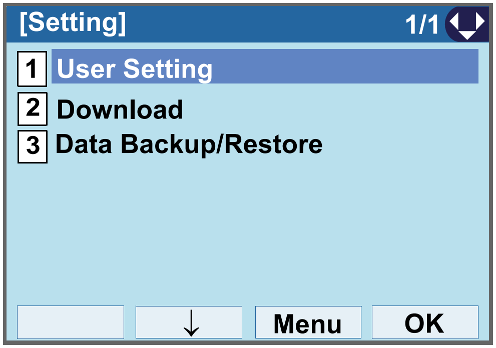
Note

This setting is available for the following conditions.
- SV9500 V2 or later
- Terminal firmware version 3.0.3.0 or later

STEP 1: Display the **Menu** screen, and select **Setting**.

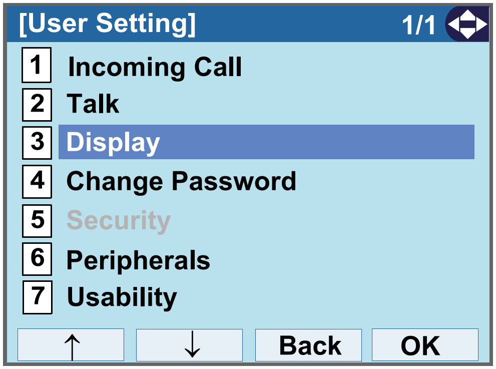
STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



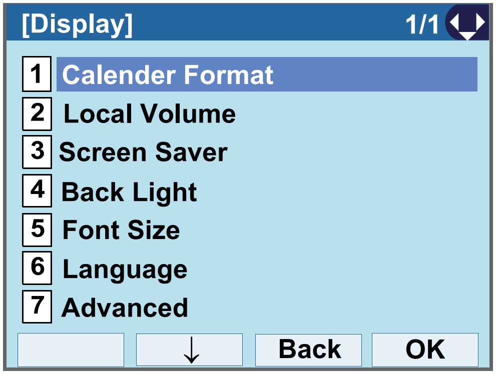
STEP 3: Select 3 **Display**.

Select an item by one of the following operations.
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ③.



STEP 4: Select 1 **Calender Format.**

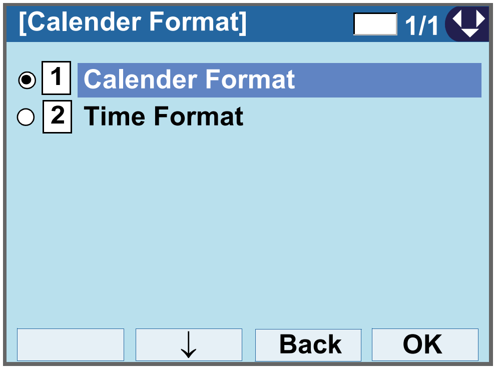
Select an item by one of the following operations.
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 5: Select 1 **Calender Format**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



[Calender Format] 1/1

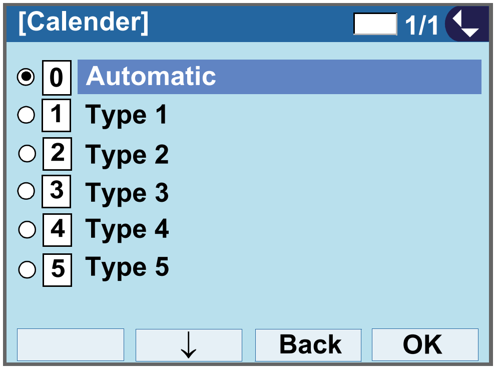
● 1 Calender Format

○ 2 Time Format

STEP 6: Make a selection from the following list.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎ or **OK**.
- Press ⓪ - ⑤, and press ◎ or **OK**.



[Calender] 1/1

● 0 Automatic

○ 1 Type 1

○ 2 Type 2

○ 3 Type 3

○ 4 Type 4

○ 5 Type 5

No.	Menu Item	Meaning
0	Automatic	Follows the setting on the system.
1	Type 1	7:25 AM MON 23 MAR 2015
2	Type 2	23 MAR MON 7:25AM
3	Type 3	7:25AM MAR 23 MON
4	Type 4	3-23 MON 7:25AM
5	Type 5	7:25AM MON 23 MAR

TIP Default setting is **Automatic**.

TIP The enabled item is highlighted.

• TO SET TIME FORMAT

Determines whether time is displayed with a 12-hour or 24-hour clock format.

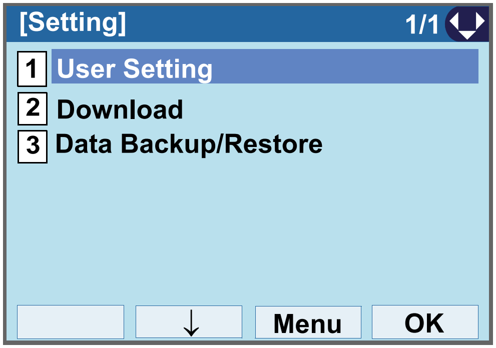
Note This setting is available for Time Display only. Call Log feature displays the time in 24-hour format regardless of this setting.

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.

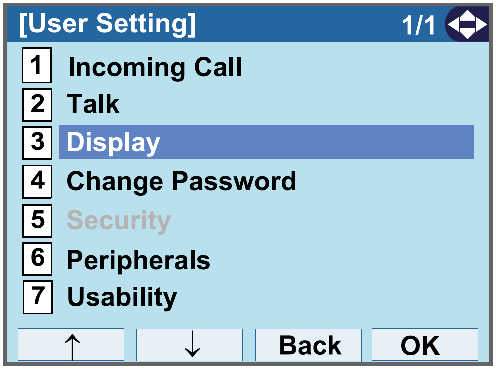
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 3: Select 3 **Display**.

Select an item by one of the following operations.

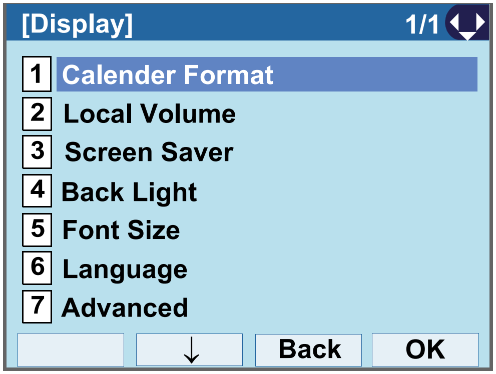
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ③.



STEP 4: Select 1 **Calender Format.**

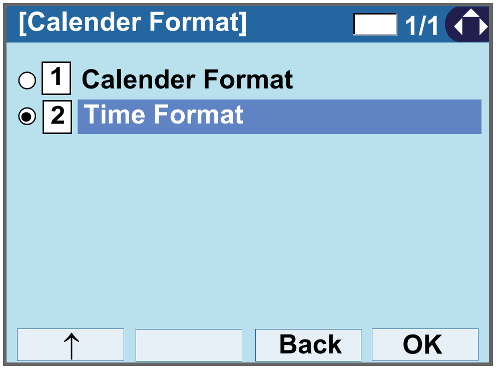
Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



Note For SV9500 V1, **Time Format** is displayed instead of **Calender Format**. Select **Time Format** and go to Step 6.

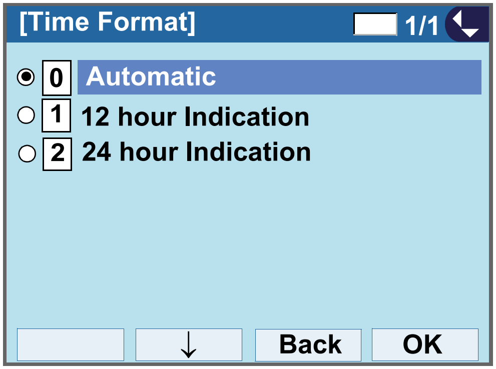
STEP 5: Select **2** **Time Format.**



STEP 6: Make a selection from the following list.

Select an item by one of the following operations.

- Highlight an item by using or **UP/DOWN** soft key, and press or **OK**.
- Press ⓪ - ②, and press or **OK**.



No.	Menu Item	Meaning
0	Automatic	Follows the setting on the system (default).
1	12 hour Indication	12-hour clock
2	24 hour Indication	24-hour clock

Note When selecting **Automatic** or not performing this time format setting, **12-hour clock** is automatically applied.

TIP Default setting is **Automatic**.

TIP The enabled item is highlighted.

• TO ENABLE/DISABLE VOLUME LEVEL DISPLAY

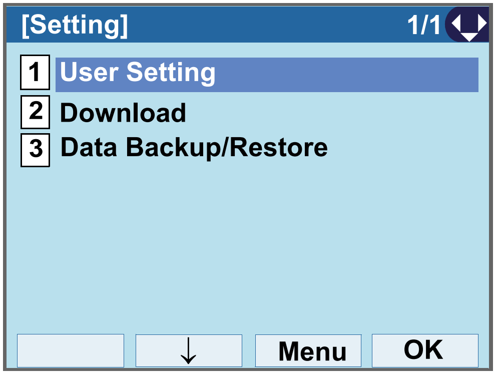
Determines whether or not to display the following volume levels: handset receiver volume, speaker volume, ringer tone volume and LCD contrast.

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.

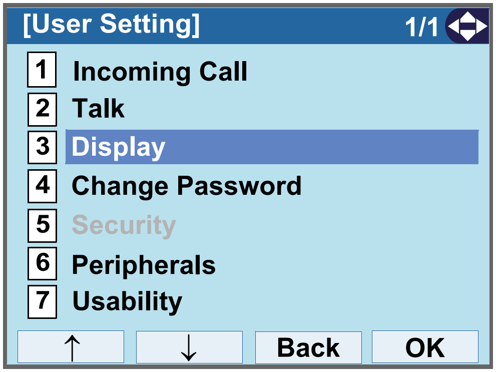
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 3: Select 3 **Display**.

Select an item by one of the following operations.

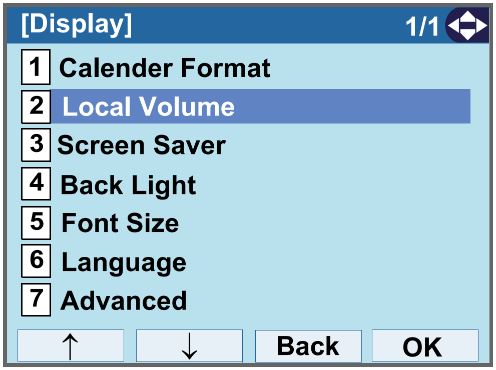
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ③.



STEP 4: Select 2 **Local Volume.**

Select an item by one of the following operations.

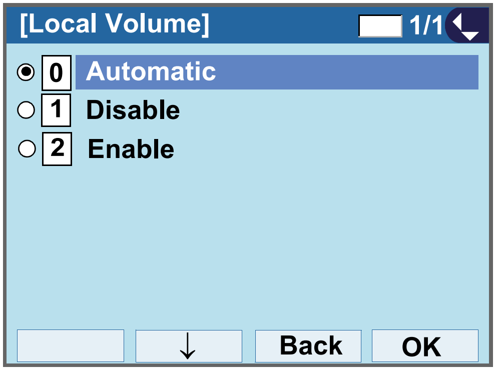
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ②.



STEP 5: Make a selection from the following list.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎ or **OK**.
- Press ⓪ - ②, and press ◎ or **OK**.



[Local Volume] 1/1

● 0 Automatic

○ 1 Disable

○ 2 Enable

No.	Menu Item	Meaning
0	Automatic	Each volume level is displayed on LCD.
1	Disable	Each volume level is not displayed on LCD.
2	Enable	Each volume level is displayed on LCD.

Note When **0 Automatic** is set, the default setting (Enable) is applied.

TIP Default setting is **Automatic**.

TIP The enabled item is highlighted.

• TO SET SCREEN SAVER

Screen Saver works after the telephone is idle for a certain period of time. The Screen Saver will be displayed from XML server when the XML server is available. If the Screen Saver cannot be downloaded from the XML server, default Screen Saver will be displayed.

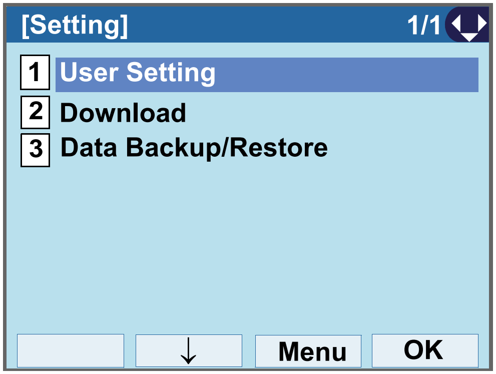
Note For details on the XML service, contact the System Administrator.

STEP 1: Display the **Menu** screen, and select **Setting.**

STEP 2: Select 1 **User Setting.**

Select an item by one of the following operations.

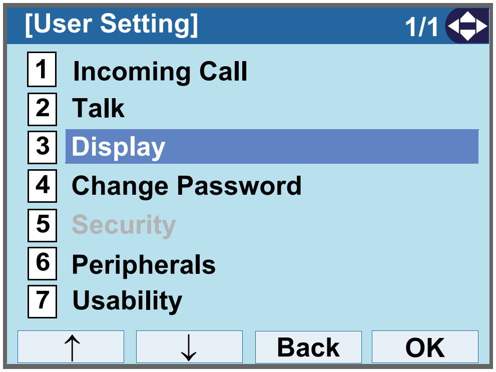
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 3: Select 3 **Display.**

Select an item by one of the following operations.

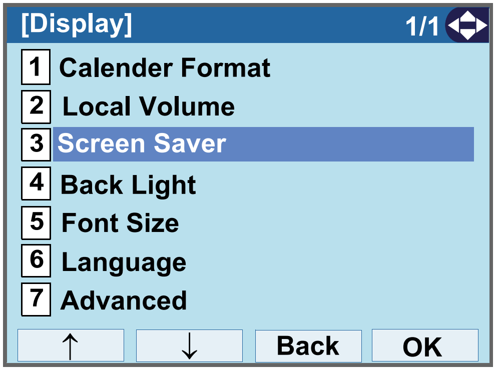
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ③.



STEP 4: Select 3 **Screen Saver.**

Select an item by one of the following operations.

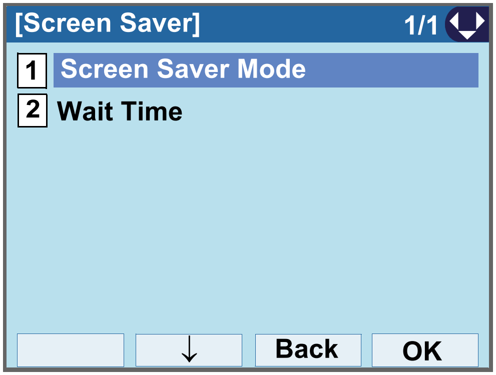
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ③.



STEP 5: Choose 1 **Screen Saver Mode.**

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



[Screen Saver] 1/1

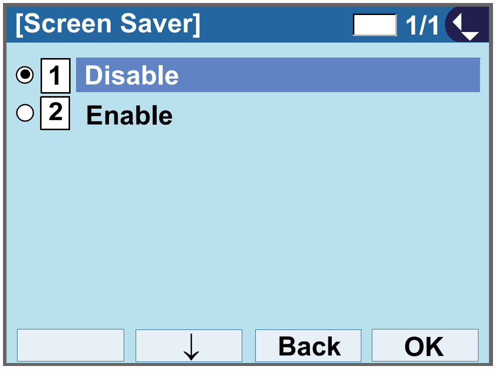
1 Screen Saver Mode

2 Wait Time

STEP 6: Choose either 1 **Disable** or 2 **Enable**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎ or **OK**.
- Press ① or ②, and press ◎ or **OK**.



[Screen Saver] 1/1

● 1 Disable

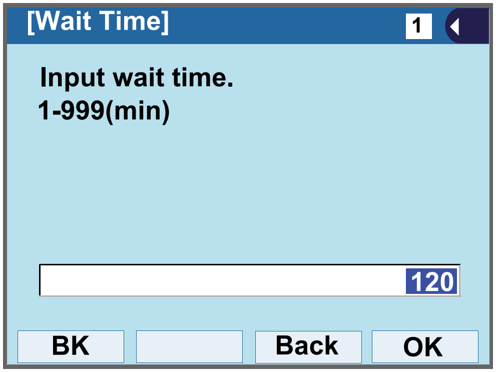
○ 2 Enable

TIP Default setting is **Disable**.

TIP The enabled item is highlighted.

STEP 7: The display goes back to the Screen Saver screen. When 2 **Enable** is selected Step7, Select 2 **Wait Time**.

Input **Wait Time** to launch the screen saver (1-999min) and press ◎ or **OK**.



[Wait Time] 1

Input wait time.
1-999(min)

120

TIP Default value is **120 min**.

• TO SET BRIGHTNESS OF BACKLIGHT

The following explains how to set the brightness level of the LCD backlight.

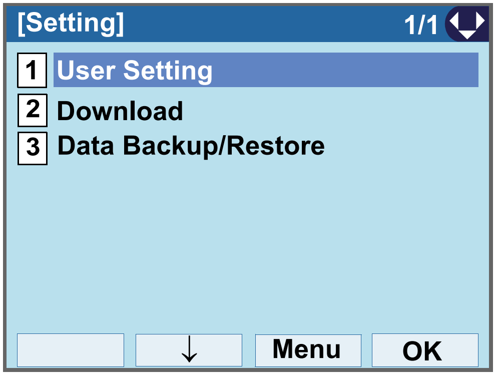
Note Backlight feature is optional.

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.

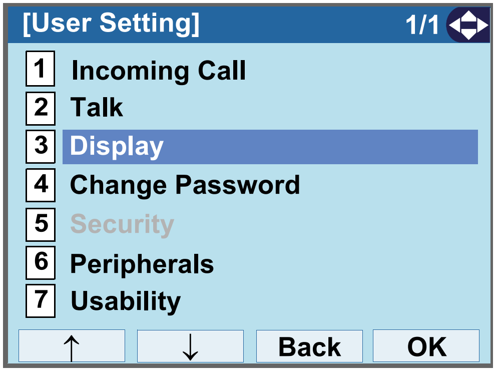
- Highlight an item by using or **UP/DOWN** soft key, and press , or **OK**.
- Press ①.



STEP 3: Select 3 **Display**.

Select an item by one of the following operations.

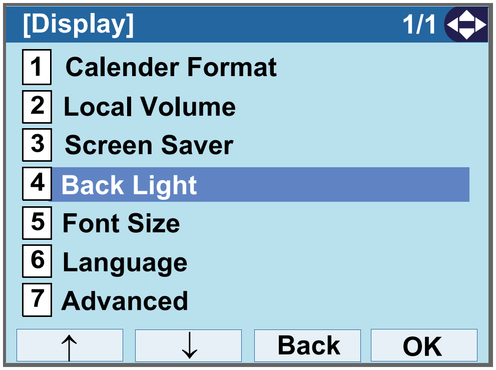
- Highlight an item by using or **UP/DOWN** soft key, and press , or **OK**.
- Press ③.



STEP 4: Select 4 **Back Light**.

Select an item by one of the following operations.

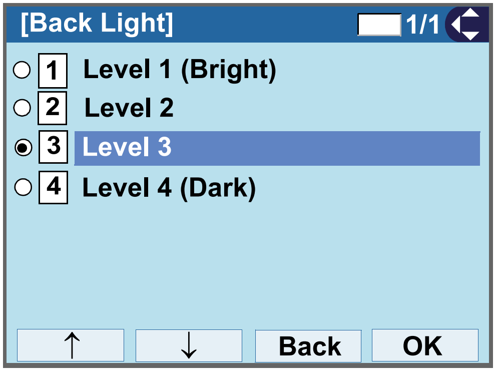
- Highlight an item by using or **UP/DOWN** soft key, and press , or **OK**.
- Press ④.



STEP 5: Select a desired brightness level.

Select an item by one of the following operations.

- Highlight an item by using or **UP/DOWN** soft key, and press or **OK**.
- Press ① - ④, and press or **OK**.



[Back Light] 1/1

○ 1 Level 1 (Bright)
○ 2 Level 2
● 3 Level 3
○ 4 Level 4 (Dark)

TIP Default setting is **Level 3**.

TIP The enabled item is highlighted.

• TO CHANGE CHARACTER SIZE

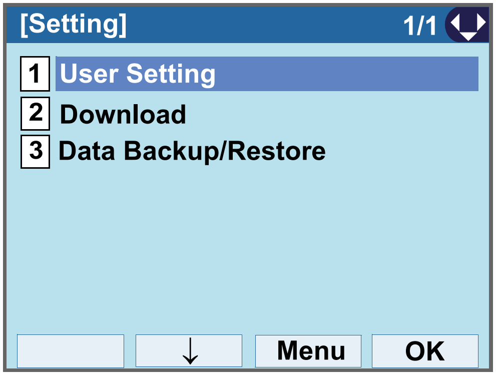
The following explains how to change the displayed character size on the LCD.

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.

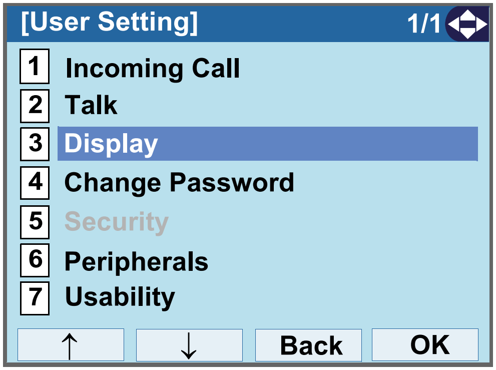
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 3: Select 3 **Display**.

Select an item by one of the following operations.

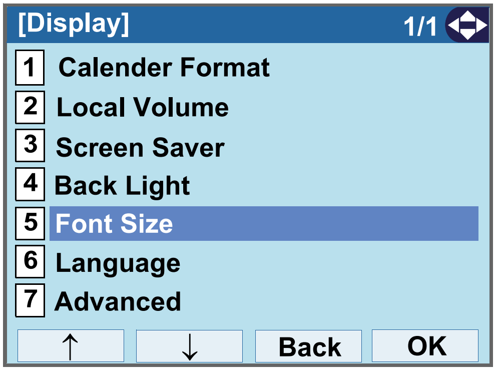
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ③.



STEP 4: Select 5 **Font Size.**

Select an item by one of the following operations.

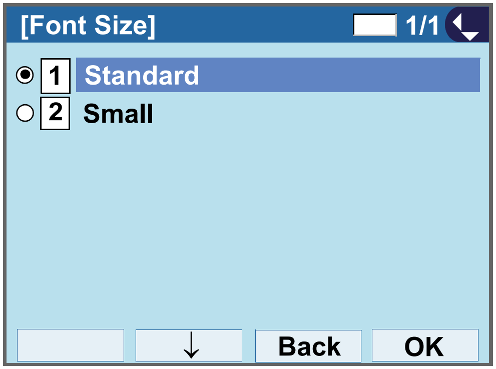
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ⑤.



STEP 5: Choose either “Standard” or “Small”.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◉ or **OK**.
- Press ① or ②, and press ◉ or **OK**.



[Font Size] 1/1

● 1 Standard

○ 2 Small

TIP Default setting is **Standard**.

TIP The enabled item is highlighted.

• TO SET A LANGUAGE

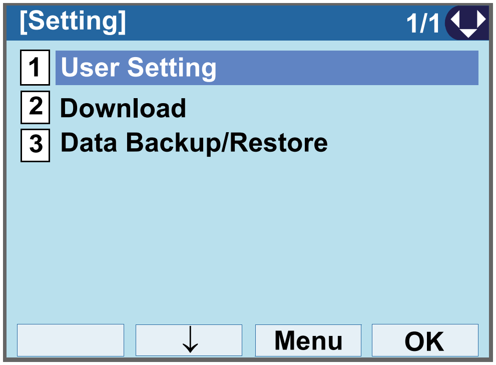
The following explains how to set a language to be displayed on LCD.

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.

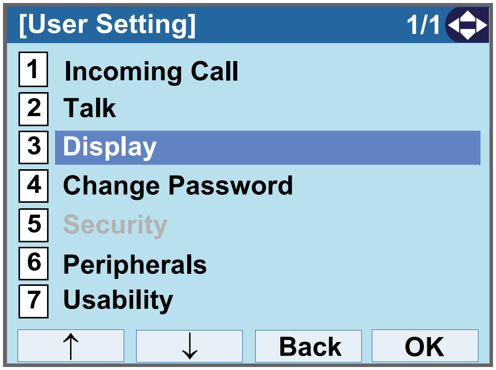
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 3: Select 3 **Display**.

Select an item by one of the following operations.

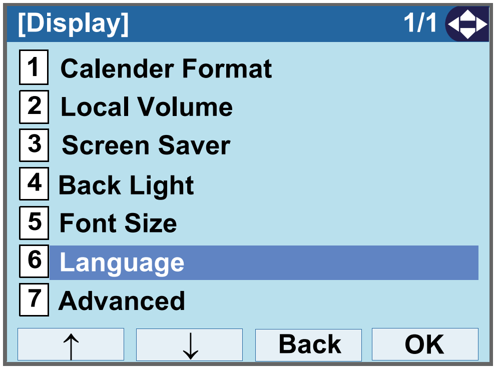
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ③.



STEP 4: Select 6 **Language**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ⑥.

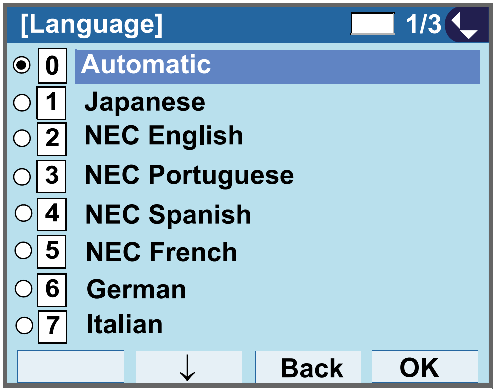


STEP 5: Select a desired language.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎ or **OK**.
- Press the digit key of desired number, and press ◎ or **OK**.

For example, press ① + ⑤ to select 15 **Spanish**.



[Language] 1/3

● 0 Automatic
○ 1 Japanese
○ 2 NEC English
○ 3 NEC Portuguese
○ 4 NEC Spanish
○ 5 NEC French
○ 6 German
○ 7 Italian

TIP Default setting is **Automatic**.

TIP When selecting **Automatic**, follow the setting on the System. For the setting on the System, contact to the System Administrator.

TIP The enabled item is highlighted.

• TO SET WALLPAPER

The following explains how to set wallpaper.

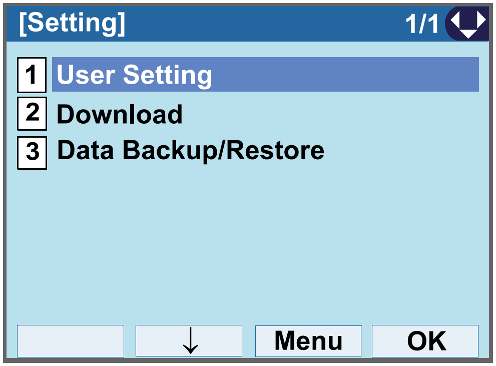
Note ITZ-12/24DG-3 does not support the wallpaper setting.

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.

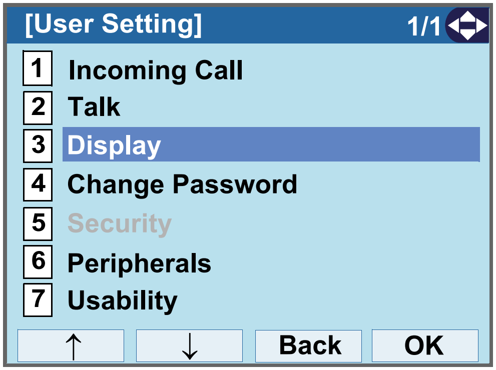
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 3: Select 3 **Display**.

Select an item by one of the following operations.

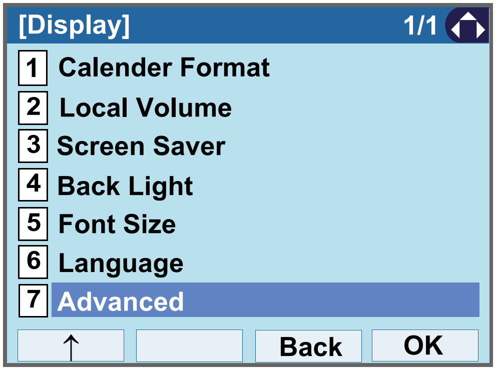
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ③.



STEP 4: Select 7 **Advanced**.

Select an item by one of the following operations.

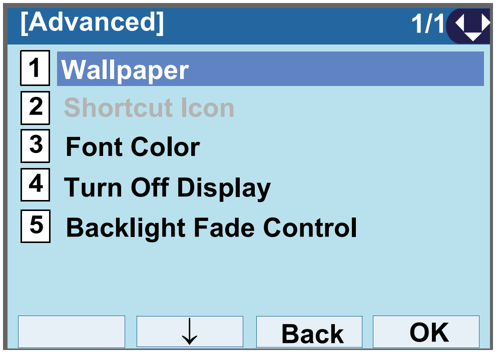
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ⑦.



STEP 5: Select 1 **Wallpaper.**

Select an item by one of the following operations.

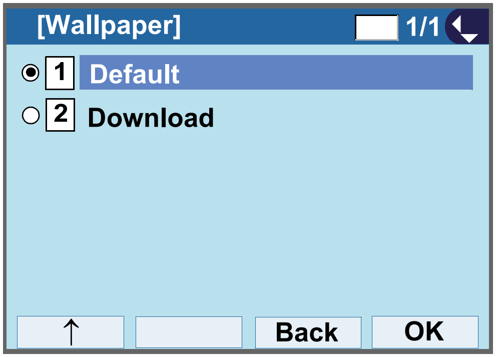
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 6: Choose either 1 **Default** or 2 **Download.**

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎ or **OK**.
- Press ① or ②, and press ◎ or **OK**.



TIP Default setting is **Default**.

TIP The enabled item is highlighted.

Note When choosing **Download**, the wallpaper file must be downloaded in advance. If there is no downloaded file, the wallpaper is default.

• TO SET CHARACTER FONT COLOR

The following explains how to set the displayed character color on the LCD.

Note Font characters are displayed at LCD 4-line display area.

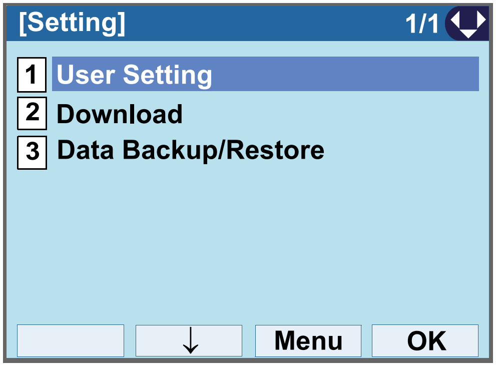
Note ITZ-12/24DG-3 does not support Font Color setting.

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.

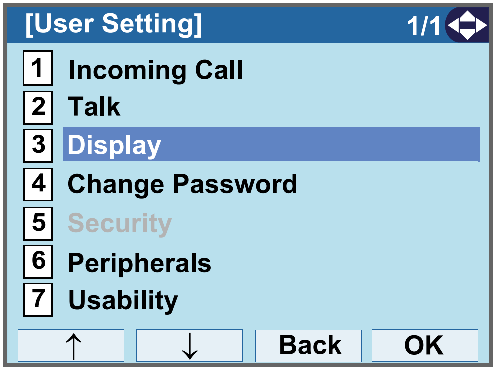
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 3: Select 3 **Display**.

Select an item by one of the following operations.

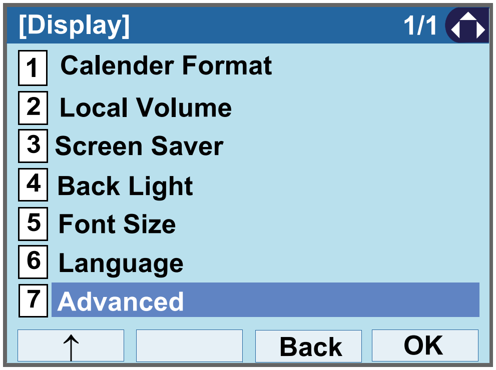
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ③.



STEP 4: Select 7 **Advanced.**

Select an item by one of the following operations.

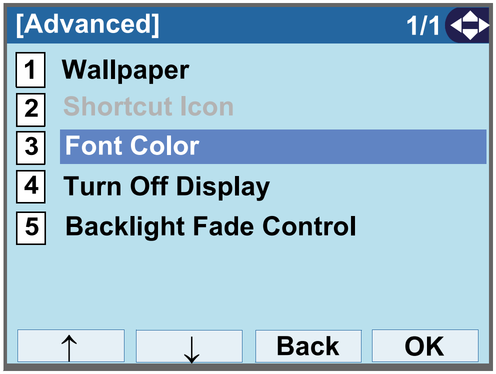
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ⑦.



STEP 5: Select 3 **Font Color**.

Select an item by one of the following operations.

- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ③.



[Advanced] 1/1

1 Wallpaper

2 Shortcut Icon

3 Font Color

4 Turn Off Display

5 Backlight Fade Control

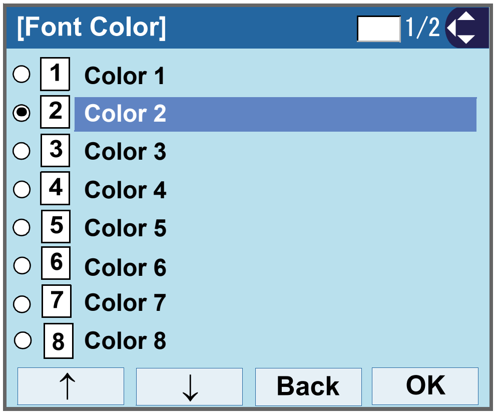
↑ ↓ Back OK

STEP 6: Select a desired color.

Select an item by one of the following operations.

- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉ or **OK**.
- Press the digit key of desired number, and press ◉ or **OK**.

For example, press ① + ⑤ to select 15 **Color 15**.



[Font Color] 1/2

○ 1 Color 1

● 2 Color 2

○ 3 Color 3

○ 4 Color 4

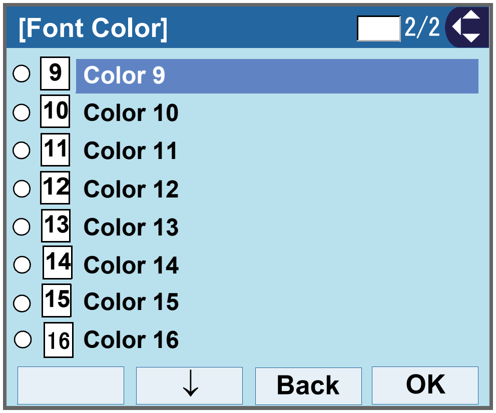
○ 5 Color 5

○ 6 Color 6

○ 7 Color 7

○ 8 Color 8

↑ ↓ Back OK



[Font Color] 2/2

○ 9 Color 9

○ 10 Color 10

○ 11 Color 11

○ 12 Color 12

○ 13 Color 13

○ 14 Color 14

○ 15 Color 15

○ 16 Color 16

↓ Back OK

TIP The color of the character corresponds to an actual display color on the screen of the color selection.

TIP Default setting is **Color 2**.

TIP The enabled item is highlighted.

Table of Font Color

NO.	Color Name	RGB code
1	Color 1	0x000000
2	Color 2	0x000080
3	Color 3	0x0000FF
4	Color 4	0x008000
5	Color 5	0x008080
6	Color 6	0x00FF00
7	Color 7	0x00FFFF
8	Color 8	0x800000
9	Color 9	0x800080
10	Color 10	0x808000
11	Color 11	0xA0A0A0
12	Color 12	0xC0C0C0
13	Color 13	0xFF0000
14	Color 14	0xFF00FF
15	Color 15	0xFFFF00
16	Color 16	0xFFFFFF

• TO SET TURN OFF DISPLAY

The Turn off Display works after the telephone is idle for a certain period of time.

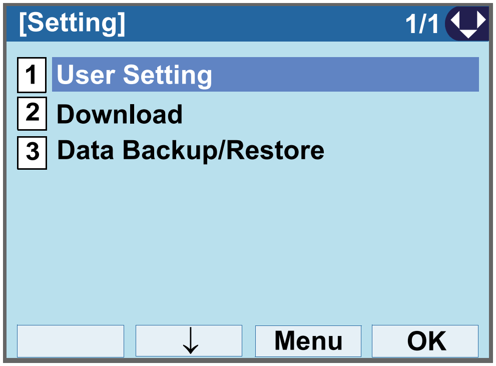
The following explains how to set Turn off Display.

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.

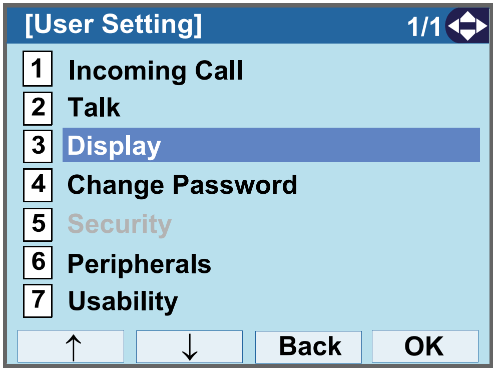
- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ①.



STEP 3: Select 3 **Display**.

Select an item by one of the following operations.

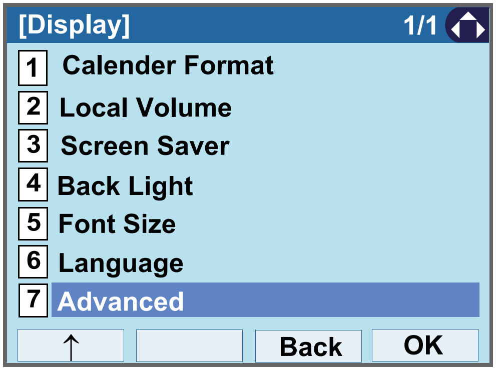
- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ③.



STEP 4: Select 7 **Advanced**.

Select an item by one of the following operations.

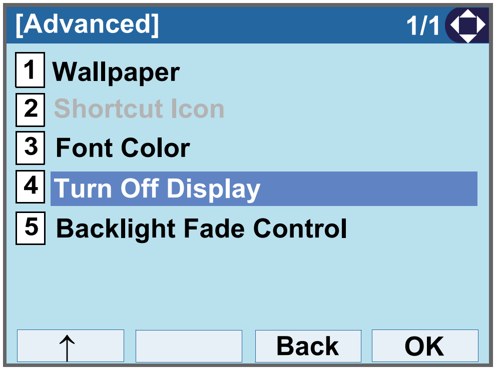
- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ⑦.



STEP 5: Select 4 **Turn Off Display.**

Select an item by one of the following operations.

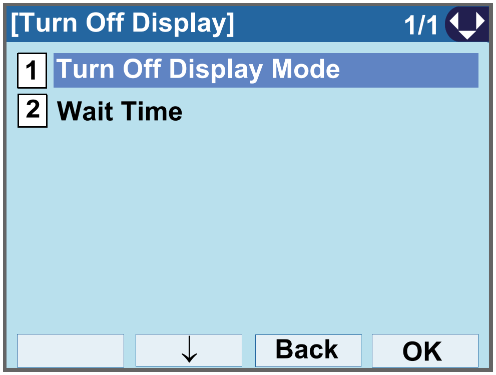
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ④.



STEP 6: Choose 1 **Turn Off Display Mode.**

Select an item by one of the following operations.

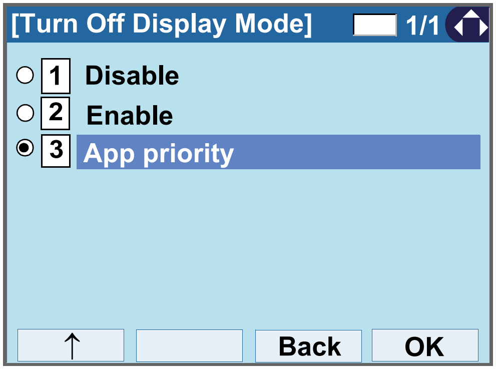
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 7: Select 1 **Disable,** 2 **Enable** or 3 **App priority.**

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎ or **OK**.
- Press ①, ② or ③, and press ◎ or **OK**.

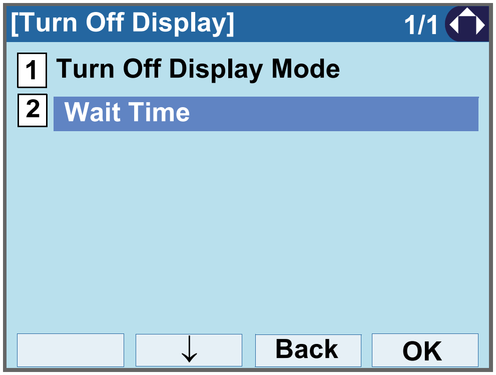


TIP If you select "App priority", the screen saver is set to an external application. When the external application orders the terminal display to turn off while the screen saver activates, the display will be turned off.

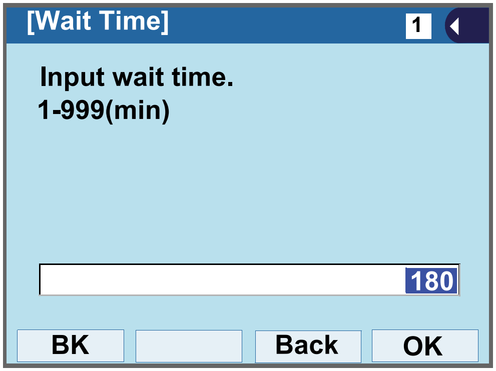
TIP The enabled item is highlighted.

Note You can set a screen saver to an external application. For details, contact the System Administrator.

STEP 8: The display goes back to the Turn Off Display screen. When 2 **Enable** is selected at Step7, Choose 2 **Wait Time.**



STEP 9: Input **Wait Time** to turn off the display (1-999(min)) and press ◉ or **OK**.



Input wait time.
1-999(min)

TIP	When "App priority" is selected for "Turn Off Display Mode", if the external application does not give instructions to turn off the display, the setting of "Wait Time" will be invalid.

TIP	Default value is **180 min**.

• TO SET BACKLIGHT FADE CONTROL

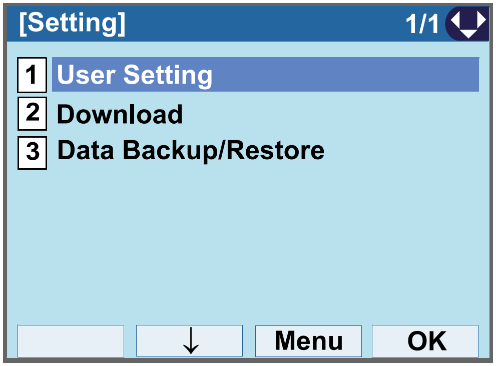
The following explains how to set Backlight Fade Control. When you set Backlight Fade Control as “Enable”, you can turn on/off the LCD smoothly.

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.

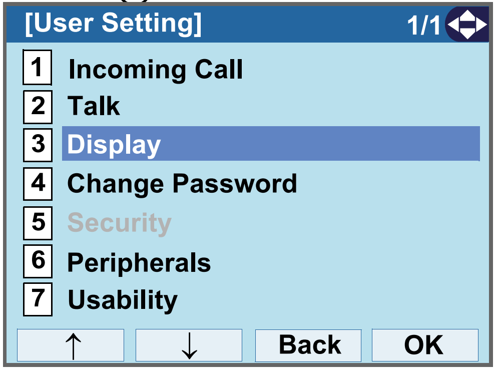
- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ①.



STEP 3: Select 3 **Display.**

Select an item by one of the following operations.

- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ③.



[User Setting] 1/1

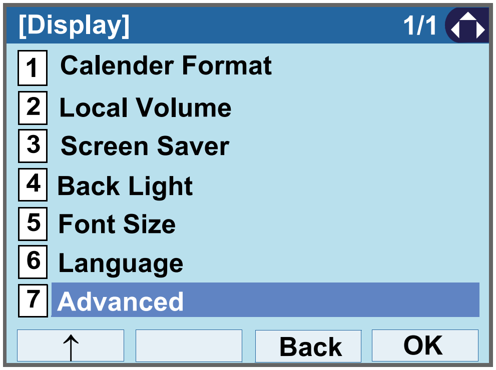
1 Incoming Call
2 Talk
3 Display
4 Change Password
5 Security
6 Peripherals
7 Usability

↑ ↓ Back OK

STEP 4: Select 7 **Advanced.**

Select an item by one of the following operations.

- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ⑦.



[Display] 1/1

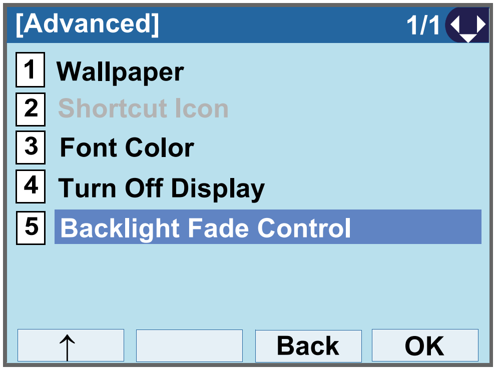
1 Calender Format
2 Local Volume
3 Screen Saver
4 Back Light
5 Font Size
6 Language
7 Advanced

↑ Back OK

STEP 5: Select 5 **Backlight Fade Control.**

Select an item by one of the following operations.

- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ⑤.



[Advanced] 1/1

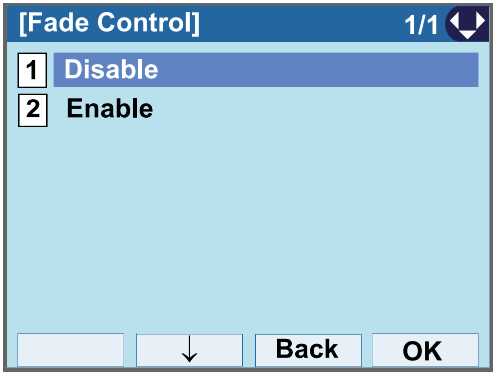
1 Wallpaper
2 Shortcut Icon
3 Font Color
4 Turn Off Display
5 Backlight Fade Control

↑ Back OK

STEP 6: Choose either 1 **Disable** or 2 **Enable.**

Select an item by one of the following operations.

- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉ or **OK**.
- Press ① or ②, and press ◉ or **OK**.



[Fade Control] 1/1

1 Disable
2 Enable

↓ Back OK

TIP Default value is **Enable**.

• TO CHANGE PASSWORD

To change an existing password, follow the procedure below. This password is used for the following occasions.

- To lock/unlock the telephone.
- To delete the directory data.
- To reset the telephone settings.

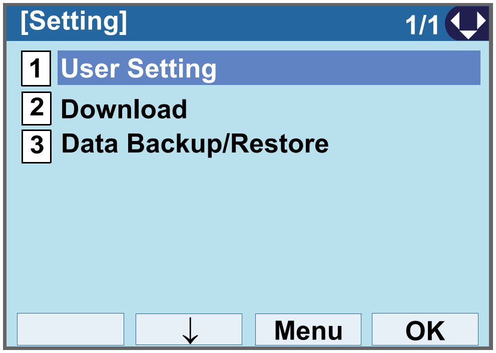
Note Depending on the System Configuration, the expiration date of password can be specified. For details, please contact the system administrator.

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.

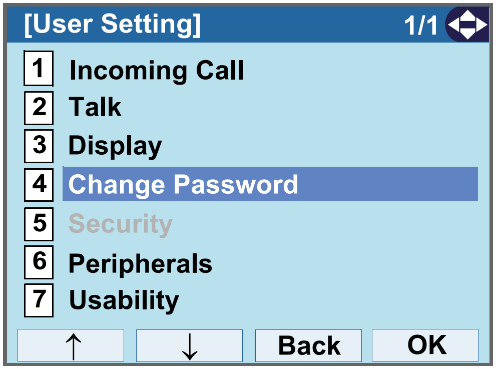
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 3: Select 4 **Change Password**.

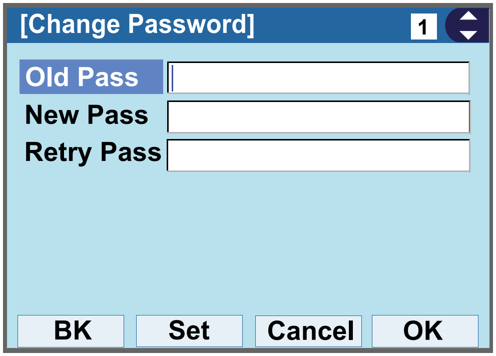
Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ④.



STEP 4: Enter the old password.

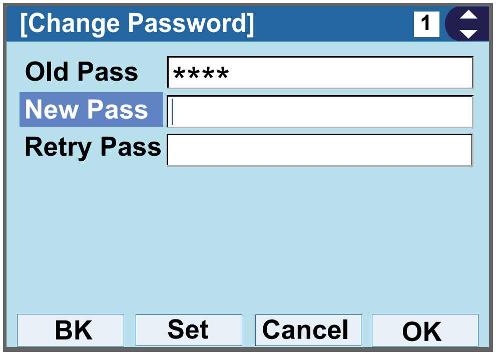
After entering the old password, press ◎ or **Set**.



Note The initial password is "0000". When changing the password for the first time, enter "0000" as the old password.

STEP 5: Enter the new password.

After entering the new password, press ◉ or **Set**.



[Change Password]

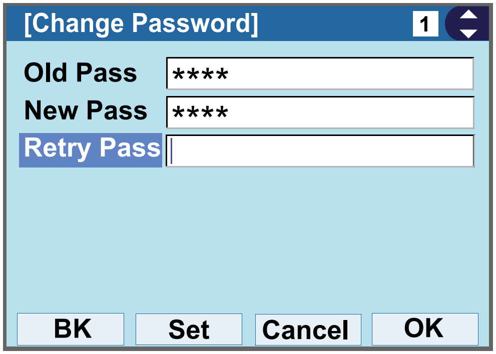
Old Pass ****

New Pass

Retry Pass

STEP 6: Enter the new password again.

After entering the retry password, press ◉ or **OK**.



[Change Password]

Old Pass ****

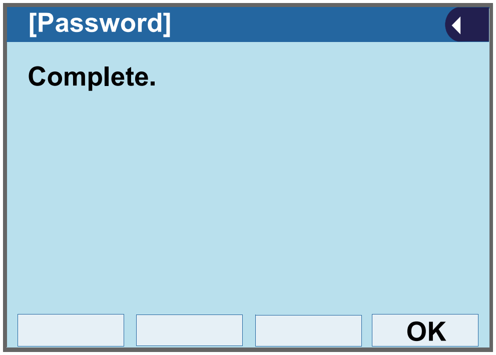
New Pass ****

Retry Pass

Note A maximum of 32 digits (0-9, * and #) can be set as a password.

STEP 7: When the password entry completes successfully, the display changes as follows.

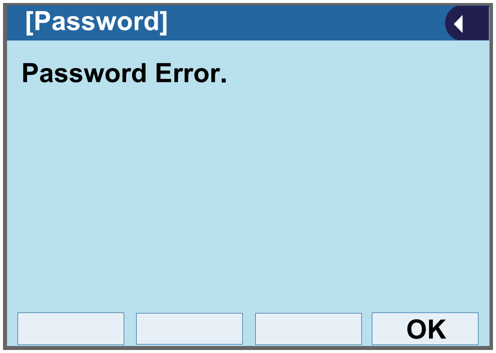
Press ◉ or **OK**.



[Password]

Complete.

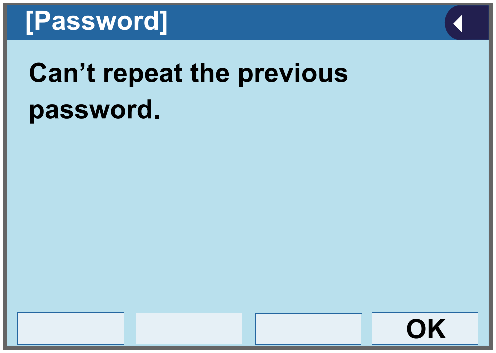
TIP When the password entry ends in failure, the following error message is issued. In that case, press **OK** and make a retry.



[Password]

Password Error.

TIP When you enter the current password to the **New Pass**, the following error message is issued. In that case, press **OK** and enter the password except for the current password.


[Password]

Can't repeat the previous password.

• TO SAFELY REMOVE USB DEVICE

The following explains how to remove a connected USB device from the terminal.

Note Be sure to remove the USB device when the terminal is connected to the system.

Note When you turn off the power of terminal, be sure to remove the connected USB device beforehand. Otherwise, it may cause failure of the USB device.

TIP When overcurrent of the USB device is detected, power supply to the USB port will be suspended. To restart the USB device power supply, remove the USB device and reboot the terminal.

TIP When using Power Hub (When AC adapter is not used), plug and unplug the LAN cable connected to the terminal.

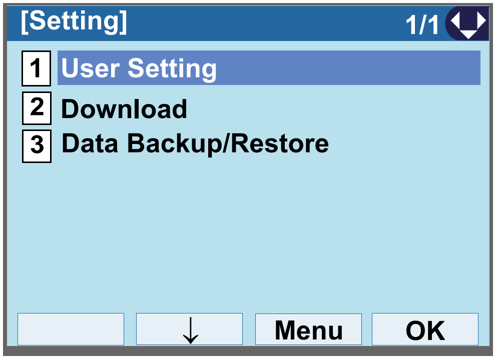
TIP When using AC adapter, plug and unplug the AC adapter after disconnecting the LAN cable connected to the terminal. Also, when you connecting/disconnecting the LAN cable, be sure not to confuse the cable for LAN port with the cable for PC port.

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.

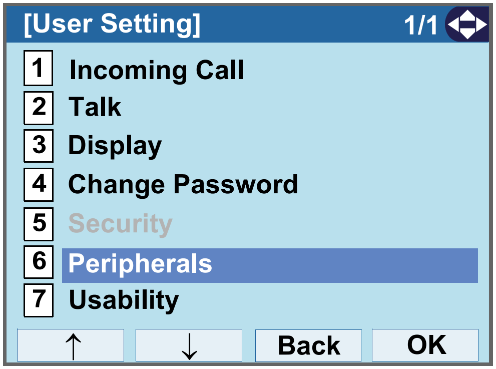
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 3: Select 6 **Peripherals**.

Select an item by one of the following operations.

- Highlight an item by using ▲▼ or **UP/DOWN** soft key, and press ◉, ▶ or **OK**.
- Press ⑥.

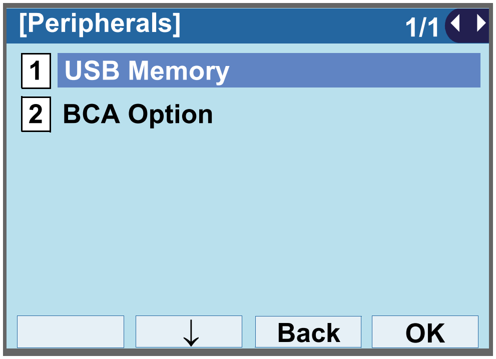


[User Setting] 1/1

1 Incoming Call
2 Talk
3 Display
4 Change Password
5 Security
6 Peripherals
7 Usability

STEP 4: Make sure that 1 **USB Memory** is specified.

Press ◉, ▶, ①, or OK.

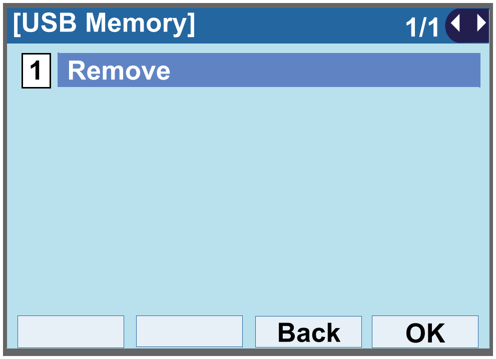


[Peripherals] 1/1

1 USB Memory
2 BCA Option

STEP 5: Make sure that 1 **Remove** is specified.

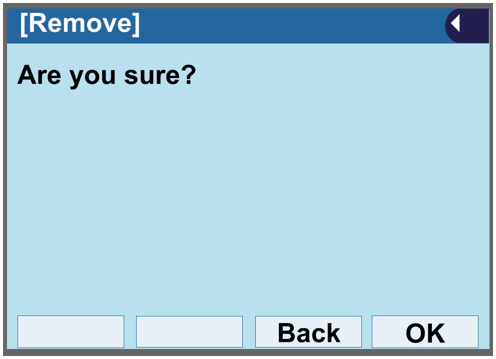
Press ◉, ▶, ①, or **OK**.



[USB Memory] 1/1

1 Remove

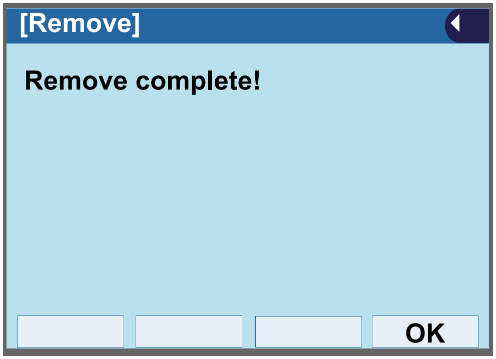
STEP 6: Press ◉ or OK.



[Remove]

Are you sure?

STEP 7: When "Remove complete!" is displayed, Press ◉ or **OK**, and remove the USB device from the terminal.



Remove complete!

Note If the USB device is not removed successfully, "Remove failure!" appears. In that case, Press ◉ or OK, and do the procedure from STEP 6 again.

• TO SET USABILITY

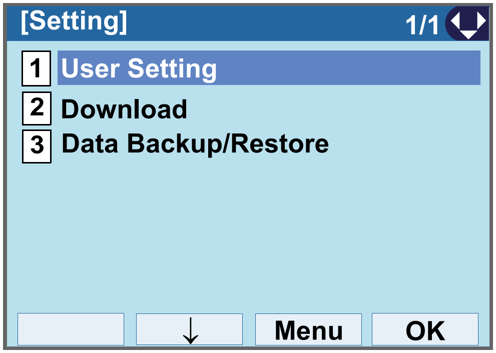
The procedure below shows how to set the operation of Help key while pop-up window is displayed.

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.

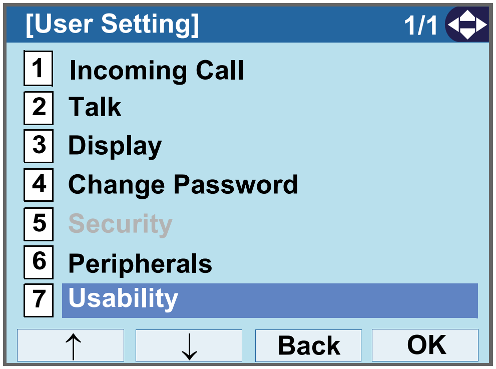
- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ①.



STEP 3: Select 7 **Usability**.

Select an item by one of the following operations.

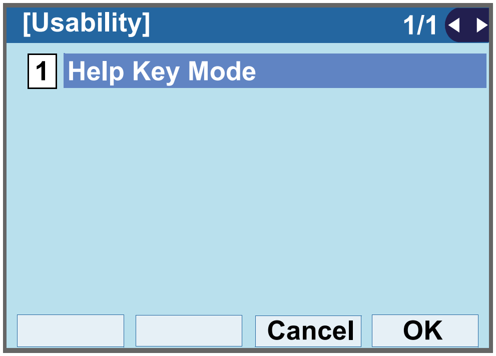
- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ⑦.



STEP 4: Make sure that 1 **Help Key Mode** is specified.

Select an item by one of the following operations.

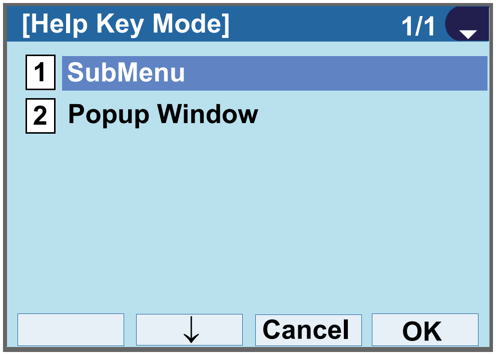
- Press ◉ or **OK**.
- Press ①.



STEP 5: Choose a desired mode of **Help** key.

Select an item by one of the following operations.

- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉ or **OK**.
- Press ① or ②, and press ◉ or **OK**.



NO.	ITEM	DESCRIPTION
1	**SubMenu**	Set the **Help** key which displays sub menu
2	**Popup Window**	Set the **Help** key which displays pop-up window

• TO RESET TELEPHONE SETTINGS

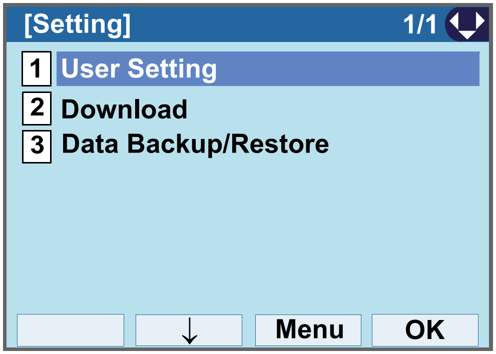
The following explains how to clear the personal data off the telephone.

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting**.

Select an item by one of the following operations.

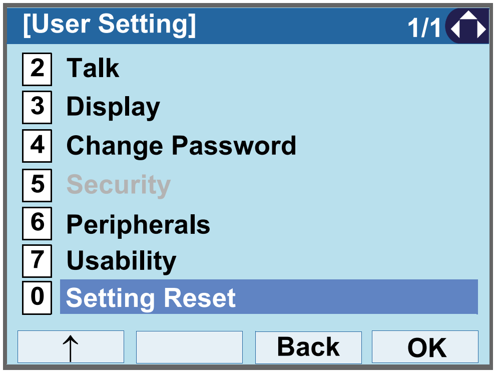
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 3: Select 0 **Setting Reset**.

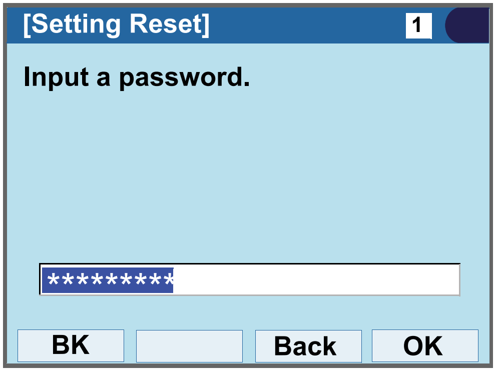
Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ⓪.



STEP 4: Enter the password.

After entering the password, press ◎ or **OK**.

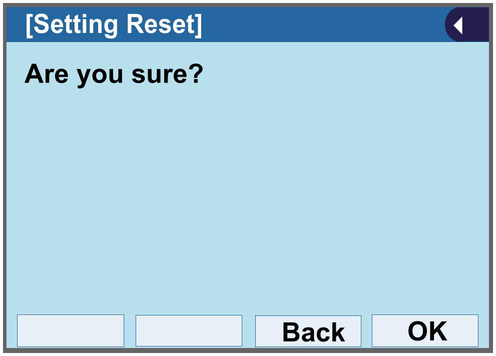


Input a password.

****

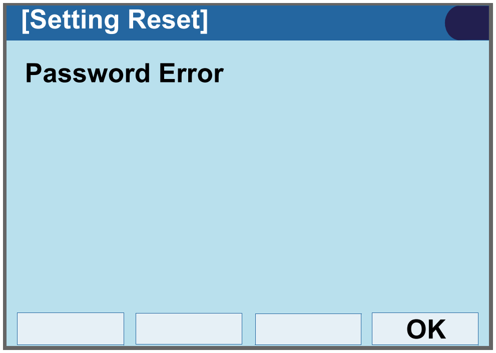
STEP 5: When the password entry completes successfully, the display changes as follows.

Press ◉ or **OK** to clear the personal data off the telephone.


[Setting Reset]

Are you sure?

TIP When the password entry ends in failure, the following error message is issued. In that case, press **OK** and make a retry.


[Setting Reset]

Password Error

• TO DOWNLOAD A FILE

You can download files for Music on Hold, Ringer Tone, Directory and Wallpaper.

When downloading these files, the DT830G needs to be connected to the network that has FTP (TFTP server).

Note For details on the FTP/TFTP service, contact the System Administrator.

Before starting the download, the IP Address of the FTP/TFTP Server must be entered from DT830G.

STEP 1: Set up the FTP/TFTP server.

<FTP server>

Put the downloading file into the designated directory (for Windows IIS, the default is "C:\InetPub\ftproot") of the FTP server.

<TFTP server>

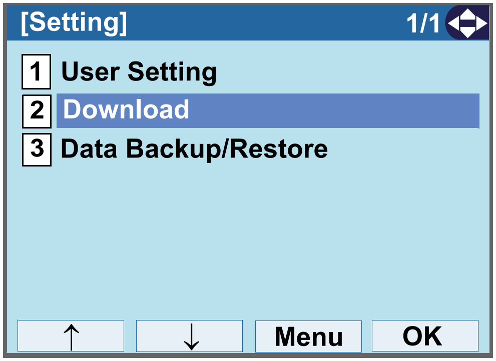
Put the downloading file into a desired directory of TFTP server and specify it as the directory for downloading.

STEP 2: Display the **Menu** screen, and select **Setting**.

STEP 3: Select 2 **Download**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ②.



[Setting] 1/1

1 User Setting

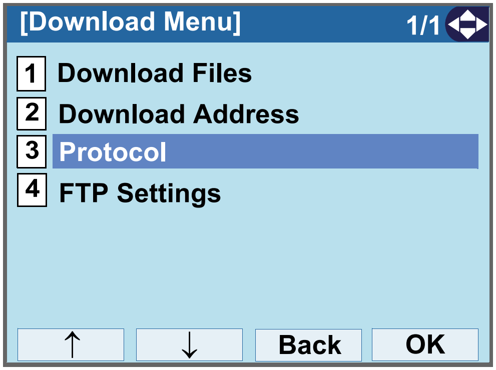
2 Download

3 Data Backup/Restore

STEP 4: Select 3 **Protocol**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ③.



[Download Menu] 1/1

1 Download Files

2 Download Address

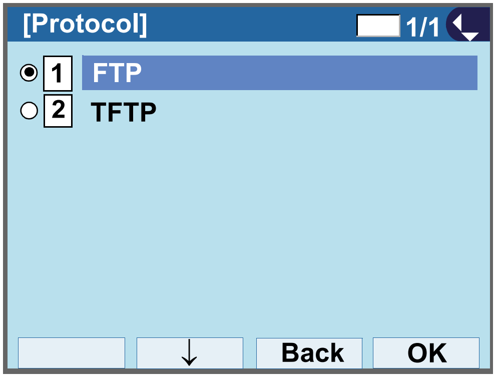
3 Protocol

4 FTP Settings

STEP 5: Choose a protocol used by the server which stores the download file.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎ or **OK**.
- Press ① or ②, and press ◎ or **OK**.



STEP 6: The display goes back to the **Download Menu** screen.

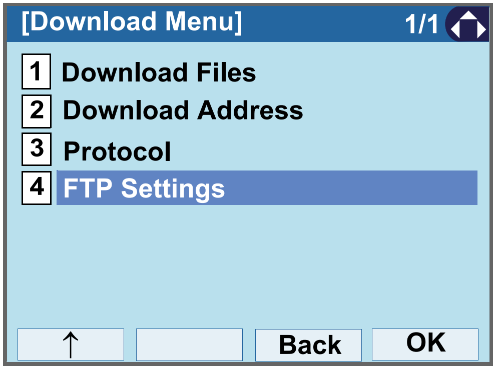
When 1 **FTP** is selected here, go to the next Step (STEP 7).

When 2 **TFTP** is selected here, go to STEP 15.

STEP 7: Select 4 **FTP Settings.**

Select an item by one of the following operations.

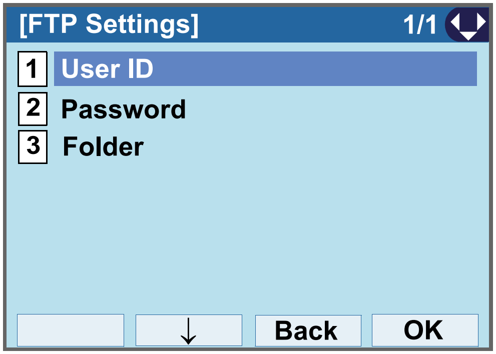
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ④.



STEP 8: Select 1 **User ID.**

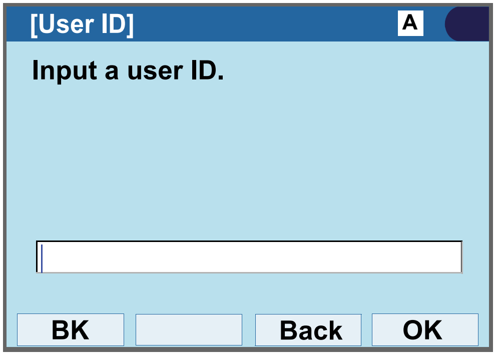
Select an item by one of the following operations.

- Highlight an item by using or **UP/DOWN** soft key, and press , or **OK**.
- Press ①.



STEP 9: Enter a User ID.

Enter a User ID by pressing digit keys, and press or **OK**.



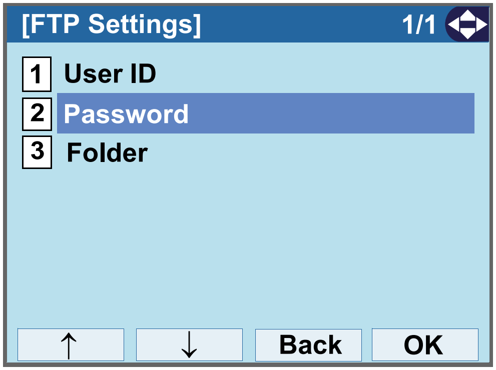
Input a user ID.

TIP For details on character entry method, see HOW TO INPUT CHARACTERS.

STEP 10: The display goes back to the **FTP Settings** screen. Select 2 **Password.**

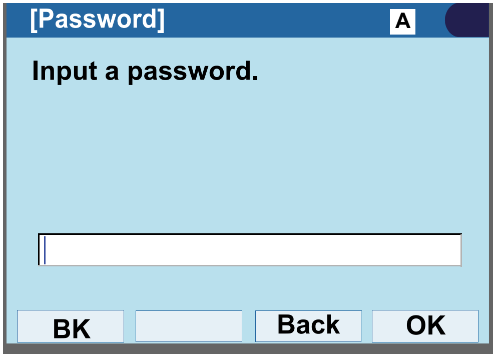
Select an item by one of the following operations.

- Highlight an item by using or **UP/DOWN** soft key, and press , or **OK**.
- Press ②.



STEP 11:Enter a password.

Enter a password by pressing digit keys, and press ◉ or **OK**.



[Password]

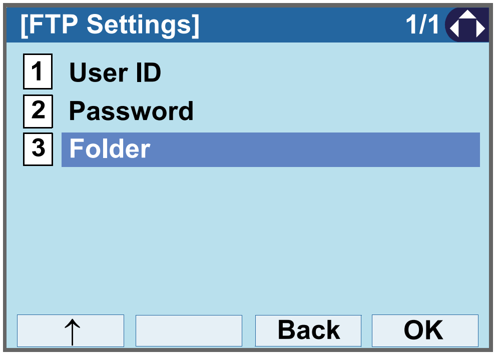
Input a password.

TIP For details on character entry method, see HOW TO INPUT CHARACTERS.

STEP 12:The display goes back to the **FTP Settings** screen. Select 3 **Folder**.

Select an item by one of the following operations.

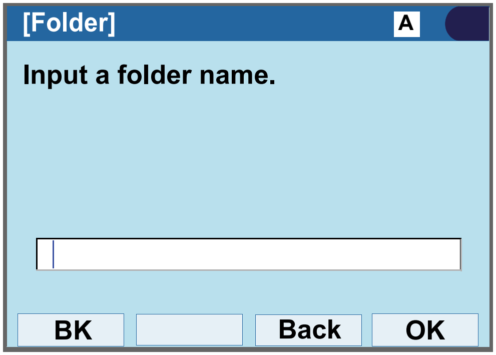
- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ③.



[FTP Settings]

STEP 13:Enter the directory where the download file is stored.

After entering the directory, press ◉ or **OK**.

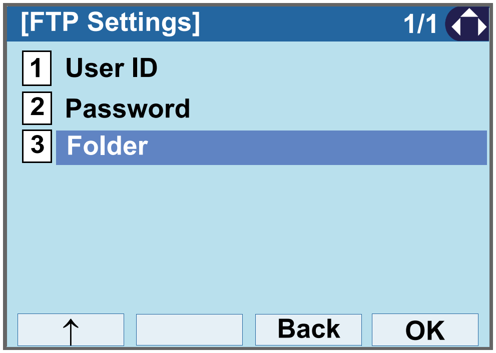


[Folder]

Input a folder name.

TIP For details on character entry method, see HOW TO INPUT CHARACTERS.

STEP 14:The display goes back to the **FTP Settings** screen. Press ◉ or **Back** to display the **Download Menu** screen.

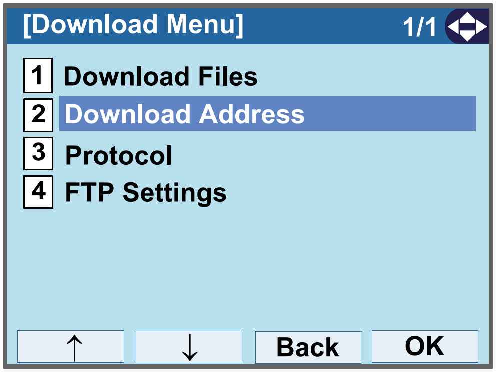


[FTP Settings]

STEP 15:Select 2 **Download Address.**

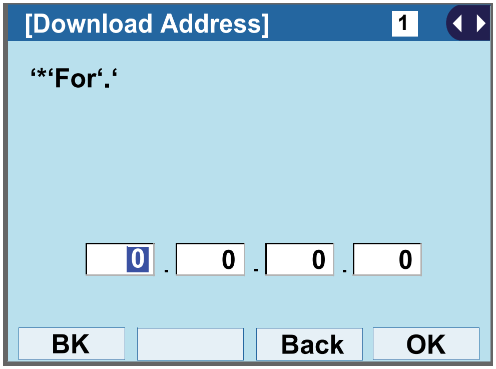
Select an item by one of the following operations.

- Highlight an item by using or **UP/DOWN** soft key, and press , or **OK**.
- Press ②.



STEP 16:Enter an IP address of the FTP/TFTP server which stores the download file.

For example, to set the IP address of 10.41.208.205, enter 10*41*208*205 [separate with an asterisk (*)].

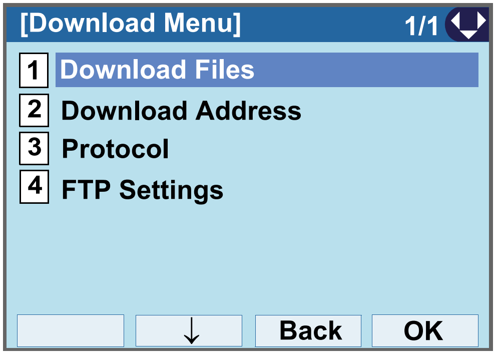


STEP 17:After entering an IP address, press or **OK**.

STEP 18:The display goes back to the **Download Menu** screen. Select 1 **Download Files**.

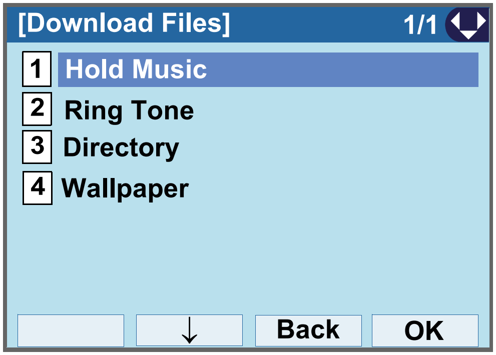
Select an item by one of the following operations.

- Highlight an item by using or **UP/DOWN** soft key, and press , or **OK**.
- Press ①.



STEP 19:Select a file to be downloaded.

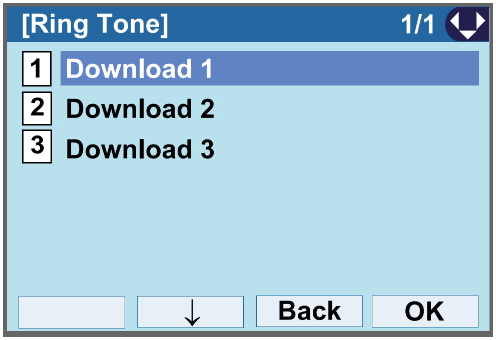
When downloading a file for Music on Hold	:Select 1 **Hold Music** and go to **STEP 21** .
When downloading a file for ringer tone	:Select 2 **Ring Tone** and go to **STEP 20**.
When downloading a file for directory	:Select 3 **Directory** and go to **STEP 21**.
When downloading a file for Wallpaper	:Select 4 **Directory** and go to **STEP 21**.



STEP 20:When 2 **Ring Tone** is selected at STEP 18, the following **Ring Tone** screen is displayed. Select either 1 **Download1**, 2 **Download2** or 3 **Download3**.

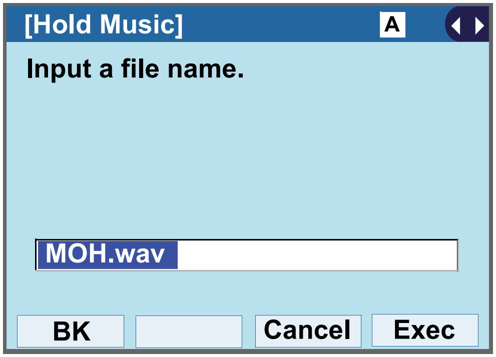
Select an item by one of the following operations.

- Highlight an item by using or **UP/DOWN** soft key, and press , or **OK**.
- Press ① - ③.



STEP 21:The default file name will be displayed.

- When downloading a file for Music on Hold, the default file name is "MOH.wav".

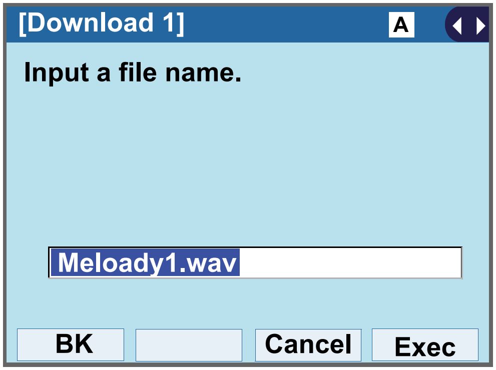


Input a file name.

MOH.wav

File Format	Maximum Size
PCM μ-law 8kHz/s wav.	under 32 seconds

- When downloading a file for ringer tone, the default file name is “Melody1/2/3/.wav”.

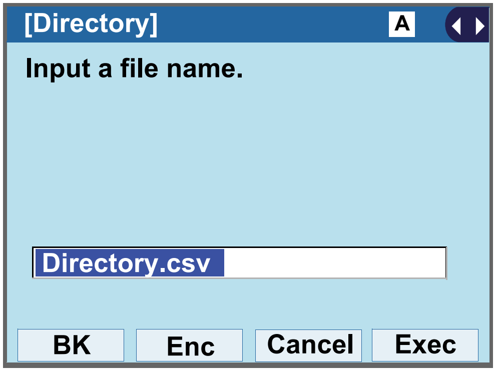


Input a file name.

Meloady1.wav

File Format	Maximum Size
PCM μ-law 8kHz/s wav.	under 32 seconds

- When downloading a file for Directory, the default file name is “Directory.csv”.



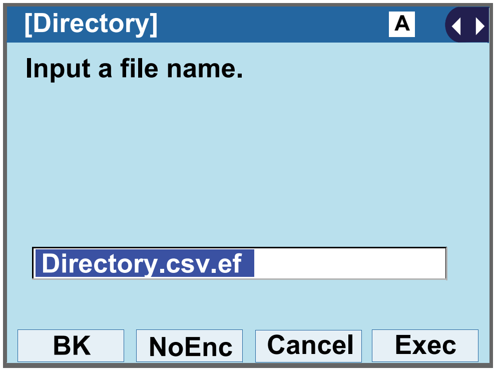
Input a file name.

Directory.csv

File Name	Directory.csv (Fixed)
Code	Unicode (UTF-8)

Press **Enc** to download the encrypted file. The encrypted file name is displayed as “Directory.csv.ef”.

Note | **Enc** key is available for SV9500 V1 or later.

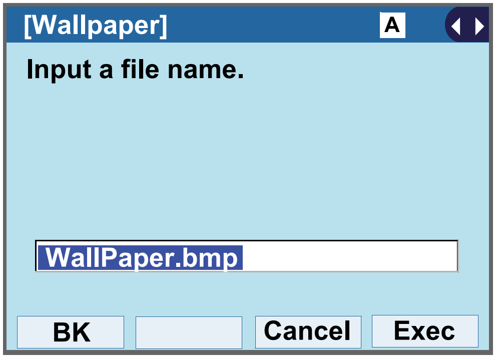


Input a file name.

Directory.csv.ef

TIP If you change the encrypted file into the unencrypted file, press **NoEnc**.

- When downloading a file for Wallpaper, the default file name is “WallPaper.bmp”.



Input a file name.

WallPaper.bmp

File Format	Maximum Size
bmp/jpg/gif/png	320 X 240 Pixels 230Kbyte

When changing the file name, go to the next step (**STEP 22**).

When not changing the file name, go to **STEP 23**.

STEP 22:Press **BK** once to delete the default file name and enter a new file name by using the digit keys.

Note A maximum of 20 characters ("0-9", "A-Z", "a-z", "*", "#", ".", "-" or "_") can be entered as a file name.

TIP For details on character entry method, see HOW TO INPUT CHARACTERS.

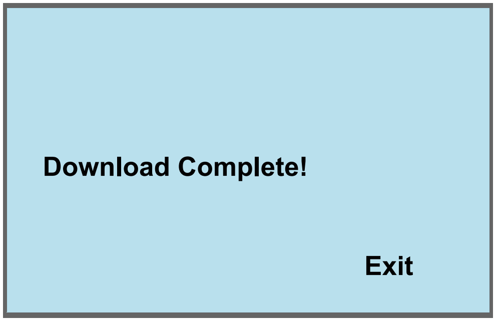
TIP To delete an entered character, press **BK**.

STEP 23:Press ◉ or **Exec** to start the downloading process.

While downloading a file, the LCD displays “Downloading...” first and “Saving...”.

Note Be sure not to turn OFF the DT830G while "Saving..." is displayed on the LCD.

STEP 24:After the downloading process is complete, the display changes as follows:



Download Complete!

STEP 25:The display goes back to the **Download Files** screen by **Exit**.

Note When the downloading process ends in failure, "Downloading Failed!" is displayed on the LCD. Check to see the following and retry.

Check Points	Actions
Download file is not placed in the specified directory.	Place the download file in the specified directory.
A different file name is specified between DT830G and FTP/TFTP server.	Set the same file name from both DT830G and FTP/TFTP server.
Incorrect IP address of FTP/TFTP server has been entered from the telephone.	Set the proper IP address of FTP/TFTP server.
The power to FTP/TFTP server or network equipment is OFF.	Turn on the power.
LAN cable is disconnected.	Reconnect the cable securely.

• TO BACKUP PERSONAL SETTINGS

You can backup personal settings of DT830G to FTP/TFTP server. To back up the setting data, the DT830G needs to be connected to the network that has FTP (TFTP server).

Note For details on the XML service, contact the System Administrator.

Before starting the backup, the IP Address of the FTP/TFTP Server must be entered from DT830G.

STEP 1: Set up the FTP/TFTP server.

<FTP server>

Confirm the designated directory (for Windows IIS, the default is "C:\InetPub\ftproot") for the backed up file.

<TFTP server>

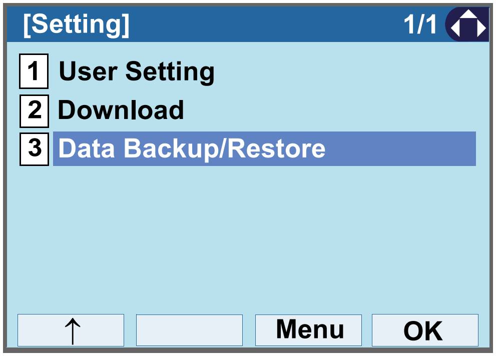
Specify a desired destination directory for the backed up file.

STEP 2: Display the **Menu** screen, and select **Setting**.

STEP 3: Select 3 **Data Backup/Restore**.

Select an item by one of the following operations.

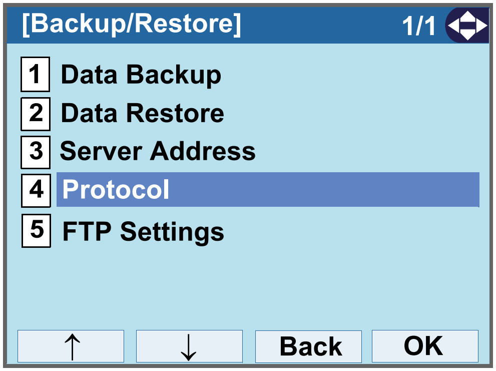
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ③.



STEP 4: Select 4 **Protocol**.

Select an item by one of the following operations.

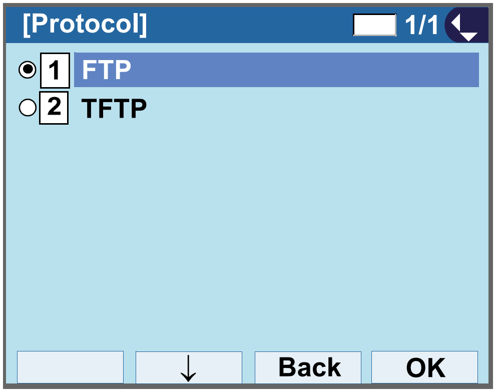
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ④.



STEP 5: Choose a protocol used by the destination server.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎ or **OK**.
- Press ① or ②, and press ◎ or **OK**.



STEP 6: The display goes back to the **Backup/Restore** screen.

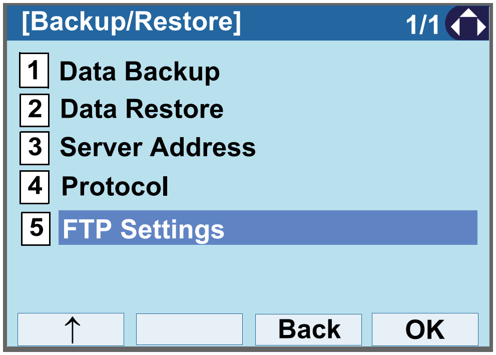
When 1 **FTP** is chosen here, go to the next Step (STEP 7).

When 2 **TFTP** is chosen here, go to STEP 15.

STEP 7: Select 5 **FTP Settings.**

Select an item by one of the following operations.

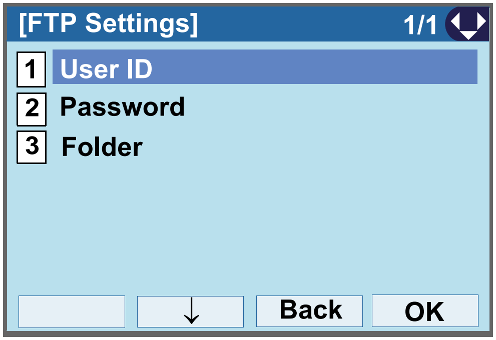
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ⑤.



STEP 8: Select 1 **User ID.**

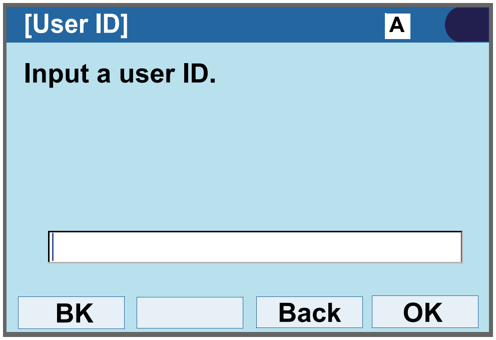
Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 9: Enter a User ID.

Enter a User ID by using digit keys, then press ◎ or **OK**.


[User ID]

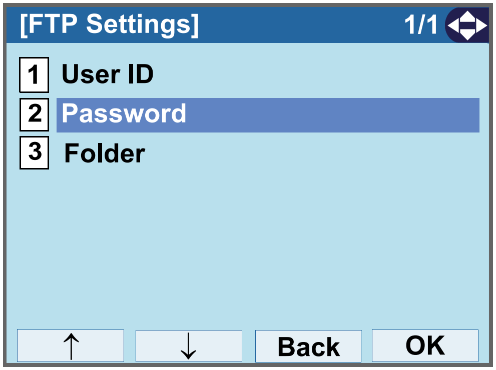
Input a user ID.

TIP For details on character entry method, see HOW TO INPUT CHARACTERS.

STEP 10:The display goes back to the **FTP Settings** screen. Select 2 **Password**.

Select an item by one of the following operations.

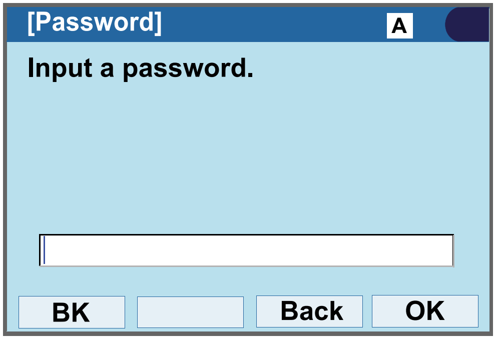
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ②.


[FTP Settings] 1/1

1 User ID
2 Password
3 Folder

STEP 11:Enter a password.

Enter a password by using digit keys, and press ◎ or **OK**.


[Password]

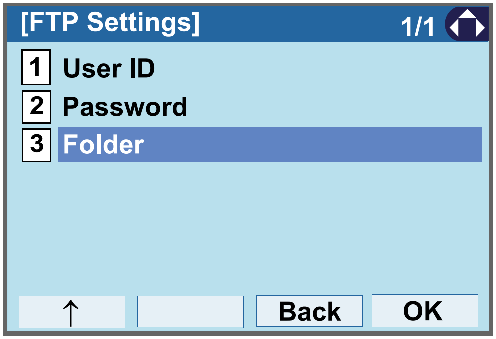
Input a password.

TIP For details on character entry method, see HOW TO INPUT CHARACTERS.

STEP 12:The display goes back to the **FTP Settings** screen. Select 3 **Folder**.

Select an item by one of the following operations.

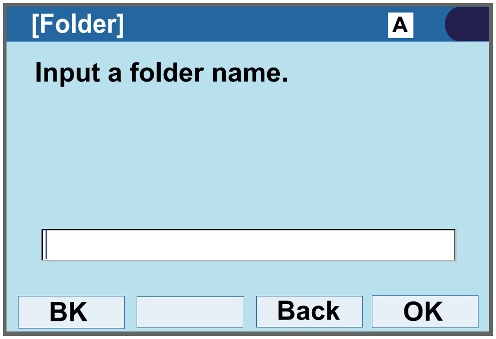
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ③.


[FTP Settings] 1/1

1 User ID
2 Password
3 Folder

STEP 13:Enter the destination directory of the FTP/ TFTP server.

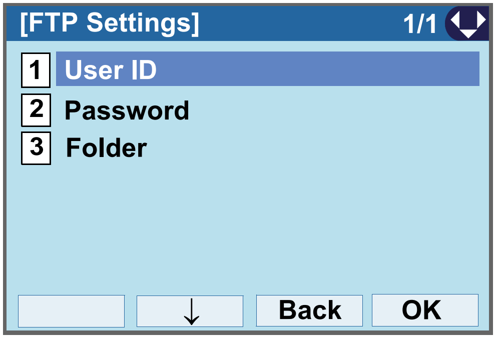
After entering the directory, press ◉ or **OK**.



Input a folder name.

TIP For details on character entry method, see HOW TO INPUT CHARACTERS.

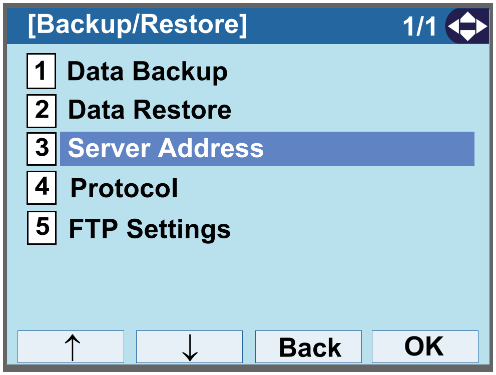
STEP 14:The display goes back to the **FTP Settings** screen. Press ◉ or **Back** to display the **Backup/Restore** screen.



STEP 15:Select 3 **Server Address**.

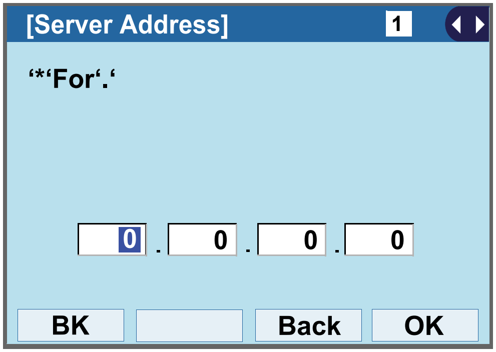
Select an item by one of the following operations.

- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ③.



STEP 16:Enter an IP address of the destination FTP/ TFTP server.

For example, to set the IP address of 10.41.208.205, enter 10*41*208*205 [separate with an asterisk (*)].



“*‘For‘.‘

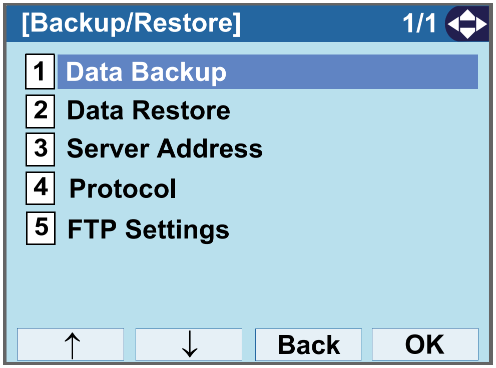
0 . 0 . 0 . 0

STEP 17:After entering an IP address, press ◉ (**Enter**) or **OK**.

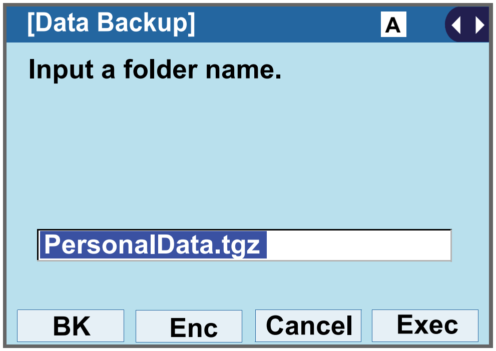
STEP 18:The display goes back to the **Backup/Restore** screen. Select 1 **Data Backup**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◉, ◎ or **OK**.
- Press ①.



STEP 19:The default file name will be displayed as follows:



Input a folder name.

PersonalData.tgz

Note Do not change the extension of the backup file. The setting data of the telephone can only be backed up as a.tgz file.

Note A maximum of 20 characters ("0-9", "A-Z", "a-z", "*", "#", ".", "-" or "_") can be entered as a file name.

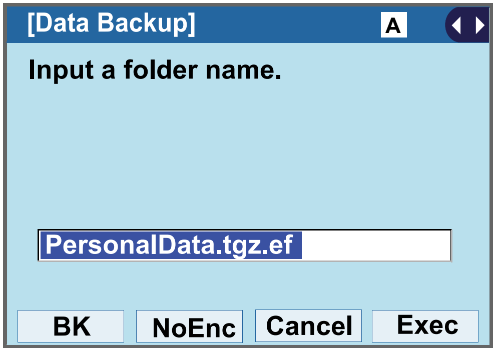
TIP When changing the default file name, press **BK** once to delete the default file name and enter a new file name by using the digits keys.

TIP For details on character entry method, see HOW TO INPUT CHARACTERS.

TIP To delete an entered character, press **BK**.

Press **Enc** to download the encrypted backup file. The encrypted backup file name is displayed as “PersonalData.tgz.ef”.

Note **Enc** key is available for SV9500 V1 or later.



Input a folder name.

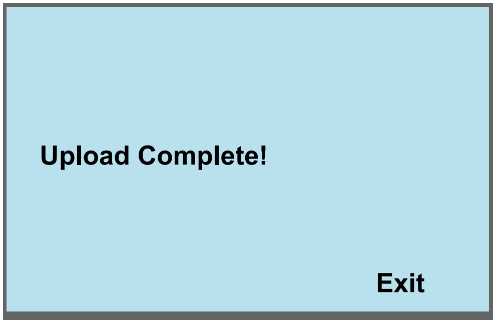
PersonalData.tgz.ef

TIP If you change the encrypted file into the unencrypted file, press **NoEnc**.

STEP 20:Press ◉ or **Exec** to start the data backup.

While making a backup copy, the LCD displays "Uploading...", and when the data backup succeeded, LCD displays "Upload Complete!". If the data backup failed, LCD displays "Upload Failed!".

STEP 21:After the data backup is complete, the display changes as follows:



Upload Complete!

Exit

STEP 22:The display goes back to the **Backup/Restore** screen by **Exit**.

Note When the data backup ends in failure, "Upload Failed!" is displayed on the LCD. Check to see the following and make a retry.

Check Points	Actions
Incorrect IP address of FTP/TFTP server has been entered from the telephone.	Set the proper IP address of FTP/TFTP server.
The power to FTP/TFTP server or network equipment is OFF.	Turn on the power.
LAN cable is disconnected.	Reconnect the cable securely.

• TO RESTORE PERSONAL SETTINGS

User can restore the personal settings of DT830G. To download the backup file to the telephone, the DT830G needs to be connected to the network that has FTP (TFTP server).

Note For details on the XML service, contact the System Administrator.

Before starting the download, the IP Address of the FTP/TFTP Server must be entered from DT830G.

STEP 1: Set up the FTP/TFTP server.

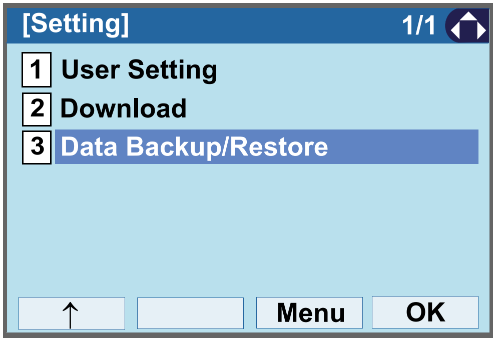
<FTP server>
Put the backup file you want to restore into the designated directory (for Windows IIS, the default is “C:\InetPub\ftproot) of the FTP server.

<TFTP server>
Put the backup file you want to restore into a desired directory of TFTP server and specify it as the directory for downloading.

STEP 2: Display the **Menu** screen, and select **Setting**.

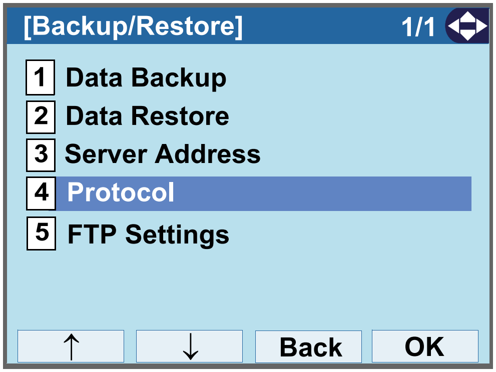
STEP 3: Select 3 **Data Backup/Restore**.

Select an item by one of the following operations.
- Highlight an item by using or **UP/DOWN** soft key, and press , or **OK**.
- Press ③.



STEP 4: Select 4 **Protocol**.

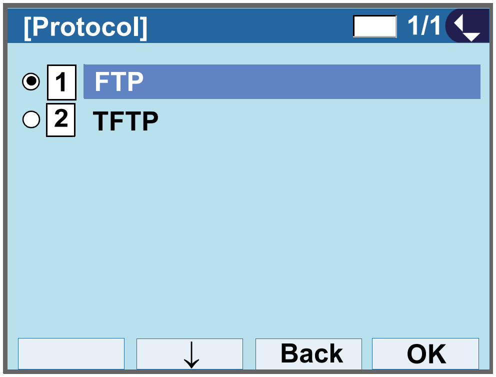
Select an item by one of the following operations.
- Highlight an item by using or **UP/DOWN** soft key, and press , or **OK**.
- Press ④.



STEP 5: Choose a protocol used by the server which stores the backup file.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎ or **OK**.
- Press ① or ②, and press ◎ or **OK**.



STEP 6: The display goes back to the **Backup/Restore** screen.

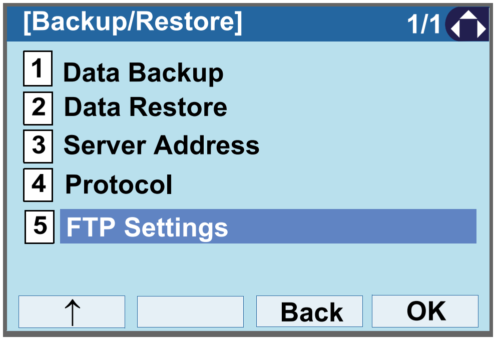
When 1 **FTP** is chosen here, go to the next Step (STEP 7).

When 2 **TFTP** is chosen here, go to the next STEP 15.

STEP 7: Select 5 **FTP Settings**.

Select an item by one of the following operations.

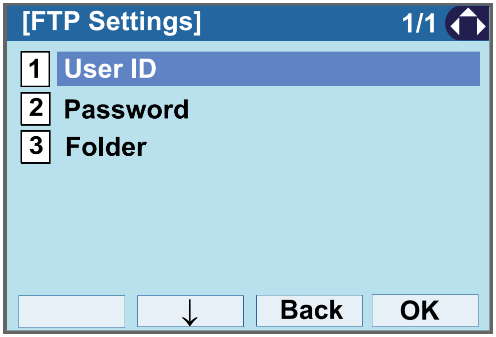
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ⑤.



STEP 8: Select 1 **User ID**.

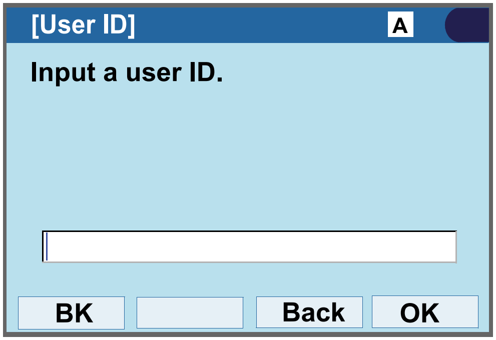
Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 9: Enter a User ID.

Enter a User ID by using digit keys, then press ◎ or **OK**.


[User ID]

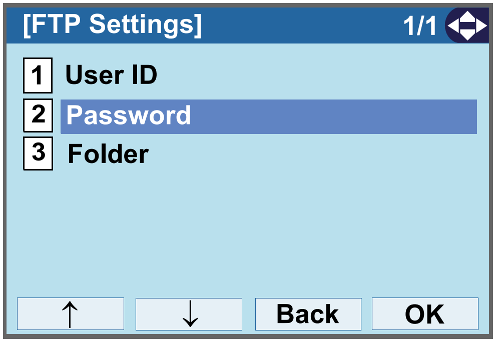
Input a user ID.

TIP For details on character entry method, see HOW TO INPUT CHARACTERS.

STEP 10:The display goes back to the **FTP Settings** screen. Select [2] **Password**.

Select an item by one of the following operations.

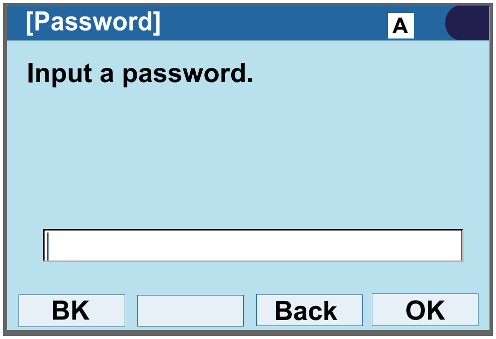
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ②.


[FTP Settings] 1/1

1 User ID
2 Password
3 Folder

STEP 11:Enter a password.

Enter a password by using digit keys, and press ◎ or **OK**.


[Password]

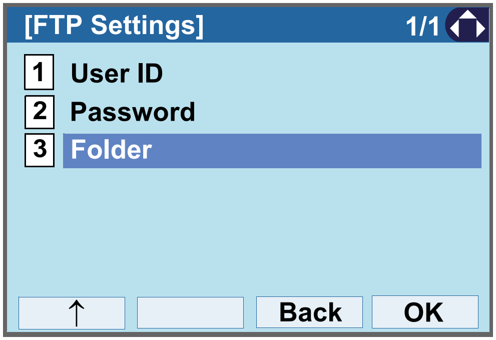
Input a password.

TIP For details on character entry method, see HOW TO INPUT CHARACTERS.

STEP 12:The display goes back to the **FTP Settings** screen. Select [3] **Folder**.

Select an item by one of the following operations.

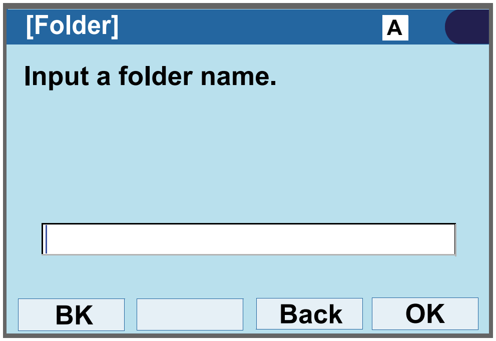
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ③.


[FTP Settings] 1/1

1 User ID
2 Password
3 Folder

STEP 13:Enter the directory where the backup file is stored.

Enter the directory and press ◉ or **OK**.



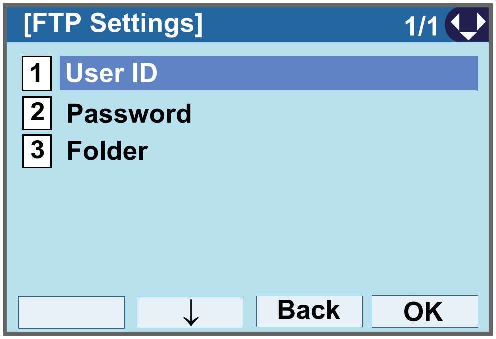
[Folder] A

Input a folder name.

BK | Back | OK

TIP For details on character entry method, see HOW TO INPUT CHARACTERS.

STEP 14:The display goes back to the **FTP Settings** screen. Press ◉ or **Back** to display the **Backup/Restore** screen.



[FTP Settings] 1/1

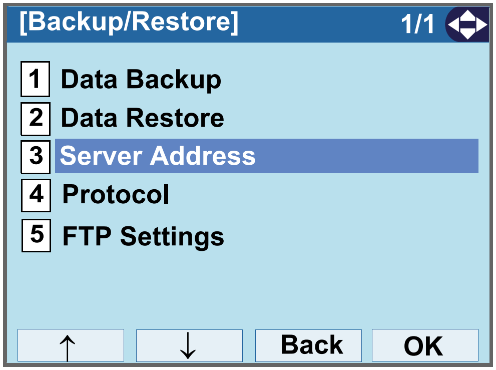
1 User ID
2 Password
3 Folder

↓ | Back | OK

STEP 15:Select 3 **Server Address**.

Select an item by one of the following operations.

- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ③.



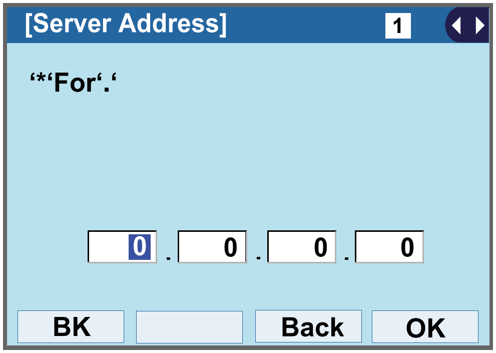
[Backup/Restore] 1/1

1 Data Backup
2 Data Restore
3 Server Address
4 Protocol
5 FTP Settings

↑ | ↓ | Back | OK

STEP 16:Enter an IP address of the FTP/TFTP server which stores the backup file.

For example, to set the IP address of 10.41.208.205, enter 10*41*208*205 [separate with an asterisk (*)].



[Server Address] 1

“*‘For‘.‘

0 . 0 . 0 . 0

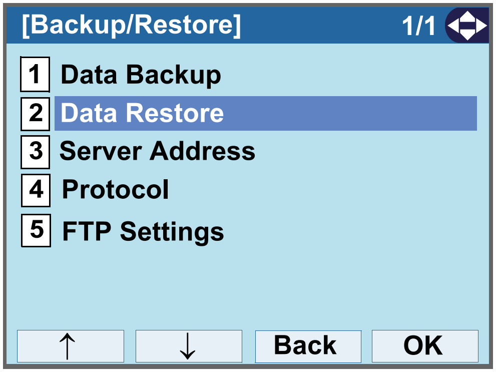
BK | Back | OK

After entering an IP address, press ◉ or **OK**.

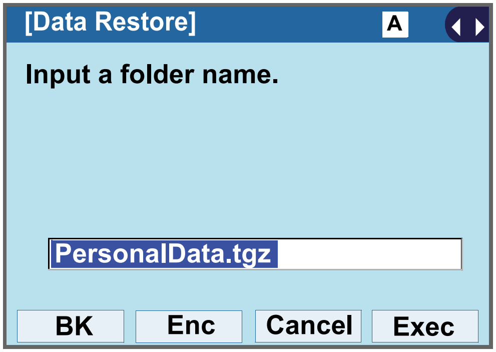
STEP 17:The display goes back to the **Backup/Restore** screen. Select 2 **Data Restore**.

Select an item by one of the following operations.

- Highlight an item by using or **UP/DOWN** soft key, and press , or **OK**.
- Press ②.



STEP 18:The default file name will be displayed as follows:



Input a folder name.

PersonalData.tgz

Note Do not change the extension (.tgz) of the restore file. If the extension is changed, the file cannot be restored properly.

Note A maximum of 20 characters ("0-9", "A-Z", "a-z", "*", "#", ".", "-" or "_") can be entered as a file name.

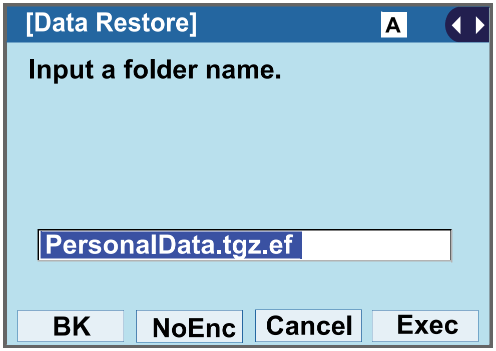
TIP When changing the default file name, press **BK** once to delete the default file name and enter a new file name by using the digits keys.

TIP For details on character entry method, see HOW TO INPUT CHARACTERS.

TIP To delete an entered character, press **BK**.

Press **Enc** to download the encrypted restore file. The encrypted restore file name is displayed as "PersonalData.tgz.ef".

Note **Enc** key is available for SV9500 V1 or later.



Input a folder name.

PersonalData.tgz.ef

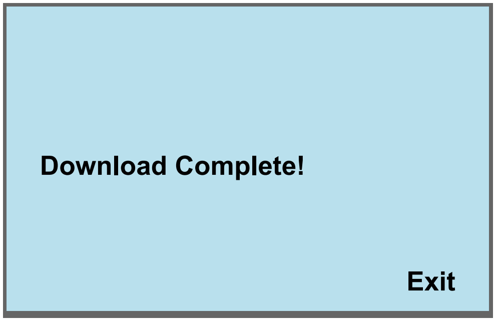
TIP If you change the encrypted file into the unencrypted file, press **NoEnc**.

STEP 19:Press ◉ or **Exec** to start restoring the backup data to the telephone.

While downloading the backup data, the LCD displays “Downloading...” first and “Saving...”.

Note Be sure not to turn OFF the DT830G while "Saving..." is displayed on the LCD.

STEP 20:After the downloading process is complete, the display changes as follows:



Download Complete!

Exit

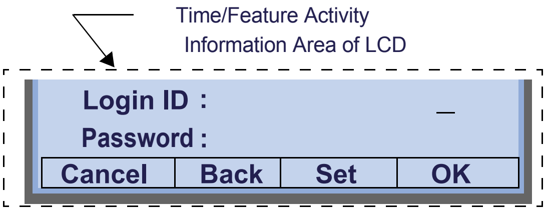
4. BASIC OPERATION

This chapter describes the following basic operation of DT830G.

- TO LOGIN
- TO LOGOUT
- TO MAKE AN EXTERNAL CALL
- TO MAKE AN INTERNAL CALL
- TO ANSWER AN EXTERNAL CALL
- TO ANSWER AN INTERNAL CALL
- MULTILINE APPEARANCE
- TO HOLD A CALL
- TO PLACE A CALL ON EXCLUSIVE HOLD
- TO TRANSFER A CALL
- TO ORIGINATE A CALL USING SELECTIVE DIALING (DYNAMIC DIAL PAD, PRESET DIAL)
- SPEED CALLING - STATION/GROUP
- SPEED CALLING - SYSTEM
- LAST NUMBER REDIAL
- VOICE CALL
- THREE-PARTY CONFERENCE
- VOICE MAIL SYSTEM
- DO NOT DISTURB
- HOW TO INPUT CHARACTERS
- SECURITY MODE
- EMERGENCY CALL
- PHONEBOOK
- CALL HISTORY

TO LOGIN

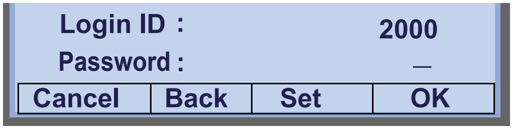
STEP 1: When login mode is activated, the telephone prompts for Login ID and Password.



Login ID : _
Password :
Cancel | Back | Set | OK

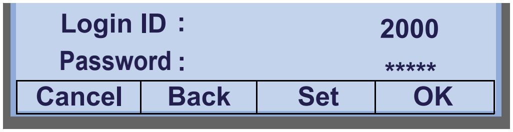
STEP 2: Enter Login ID and press **Set**.

(Station number is usually used as the Login code.)



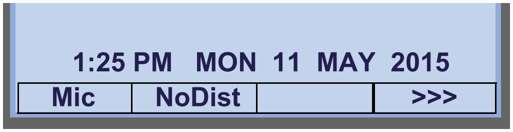
Login ID : 2000
Password : _
Cancel | Back | Set | OK

STEP 3: Enter a password and press **OK**.



Login ID : 2000
Password : *****
Cancel | Back | Set | OK

STEP 4: If the Login ID and password is accepted, display changes to normal idle status.



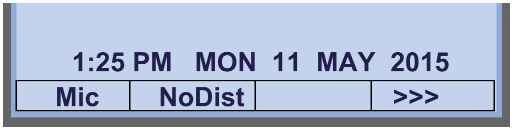
1:25 PM MON 11 MAY 2015
Mic | NoDist | | >>>

TO LOGOUT

STEP 1: Press the preassigned **Logout** on the terminal.

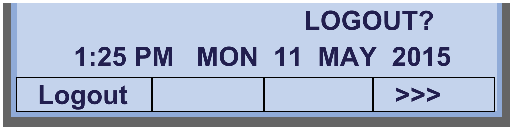
TIP The soft key location is an example.

TIP For the assignment of **Logout**, contact the PBX maintenance personnel.



1:25 PM MON 11 MAY 2015
Mic | NoDist | | >>>

STEP 2: "**LOGOUT?**" is displayed on the LCD of the terminal.



LOGOUT?
1:25 PM MON 11 MAY 2015
Logout | | | >>>

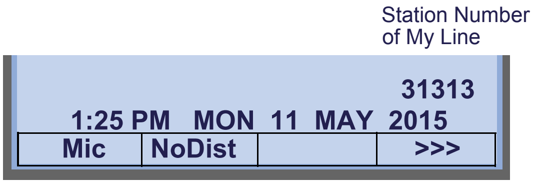
STEP 3: Press the **Logout** on the terminal again.

TO MAKE AN EXTERNAL CALL

When dialed telephone number is registered in Personal Directory, the corresponding name information will be displayed on LCD while you are hearing a ringback tone or are engaged in a conversation. According to the initial settings, the display may differ from the following examples. For more information, contact the system administrator.

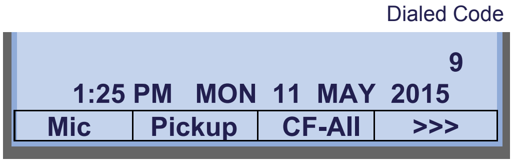
Note This section describes the Normal Dial Mode. Regarding the other mode, see TO ORIGINATE A CALL USING SELECTIVE DIALING (DYNAMIC DIAL PAD, PRESET DIAL).

STEP 1: Lift the handset or press Speaker, and you will receive a dial tone.



31313
1:25 PM MON 11 MAY 2015

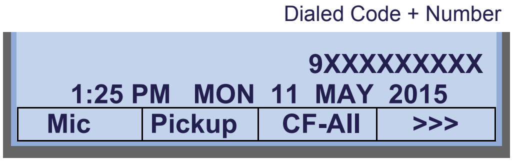
STEP 2: Dial the Central Office access code, e.g. **9**.



9
1:25 PM MON 11 MAY 2015

STEP 3: Dial desired telephone number.

(while hearing a ringback tone)

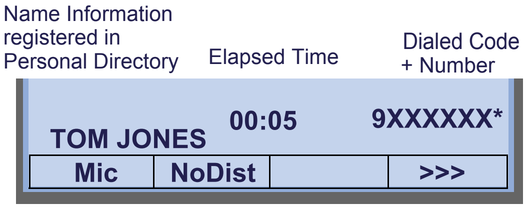


9XXXXXXXXX
1:25 PM MON 11 MAY 2015

STEP 4: Use handset or Mic to start a conversation. Display indicates:

(while in a conversation)

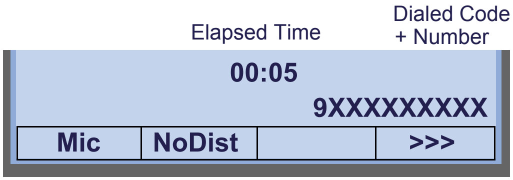
- When dialed number is registered in Personal Directory



TOM JONES 00:05 9XXXXXX*

Note In the above case, a maximum of eight digits of the number (including “*”) can be displayed. If the dialed number exceeds eight digits, “the first seven digits of the number + *” or “the last seven digits of the number + *” are displayed. For more information, contact the system administrator.

- When dialed number is not registered in Personal Directory



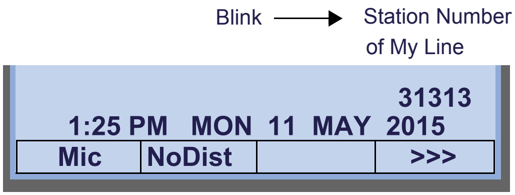
TIP My Line is an actual line that is directly associated with station number of the telephone. The user can make/answer a call via this line. Usually, My line is seized automatically only by lifting the handset or pressing **Speaker.**

TO MAKE AN INTERNAL CALL

When dialed station number is registered in Personal Directory, the corresponding name information will be displayed on LCD while you are hearing a ringback tone or are engaged in a conversation. According to the initial settings, the display may differ from the following examples. For more information, contact the system administrator.

Note This section describes the Normal Dial Mode. Regarding the other mode, see TO ORIGINATE A CALL USING SELECTIVE DIALING (DYNAMIC DIAL PAD, PRESET DIAL).

STEP 1: Lift handset or press Speaker, and you will receive a dial tone.



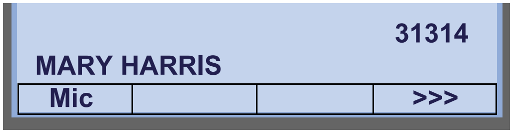
STEP 2: Dial a desired station number. Display indicates the dialed number.

(while hearing a ringback tone)

- When dialed station number is registered in Personal Directory

Name Information registered in Personal Directory

Dialed Station Number



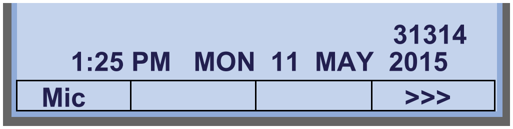
31314

MARY HARRIS

Mic | | | >>>

- When dialed station number is not registered in Personal Directory

Dialed Station Number



31314

1:25 PM MON 11 MAY 2015

Mic | | | >>>

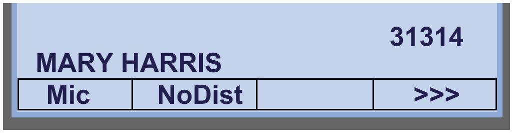
STEP 3: Use the handset or Mic to start a conversation.

(while in a conversation)

- When dialed station number is registered in Personal Directory

Name Information registered in Personal Directory

Dialed Station Number



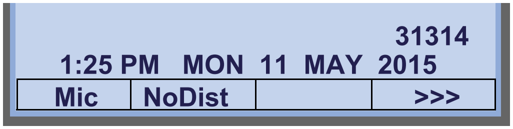
31314

MARY HARRIS

Mic | NoDist | | >>>

- When dialed station number is not registered in Personal Directory

Dialed Station Number



31314

1:25 PM MON 11 MAY 2015

Mic | NoDist | | >>>

TIP

My Line is an actual line that is directly associated with station number of the telephone. The user can make/answer a call via this line. Usually, My line is seized automatically only by lifting the handset or pressing **Speaker.**

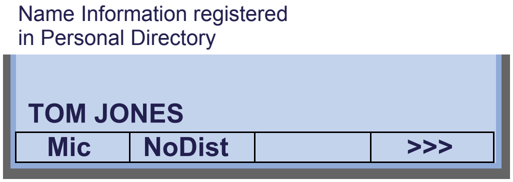
TO ANSWER AN EXTERNAL CALL

When calling party telephone number is registered in Personal Directory, the corresponding name information will be displayed on LCD while you are hearing a ringing tone or are engaged in a conversation. According to the initial settings, the display may differ from the above example. For more information, contact the system administrator.

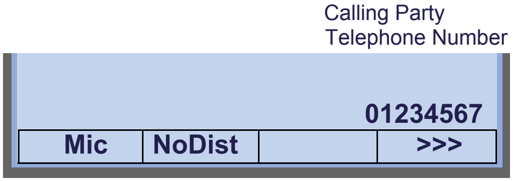
STEP 1: You hear the ringing tone. Call Indicator Lamp flash red.

(while hearing a ringing tone)

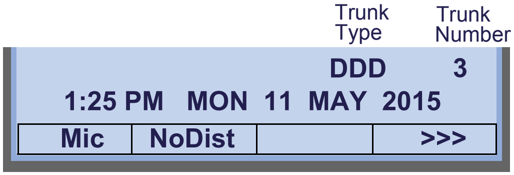
- When calling party telephone number is registered in Personal Directory:



- When calling party telephone number is not registered in Personal Directory:



- When caller ID is not received

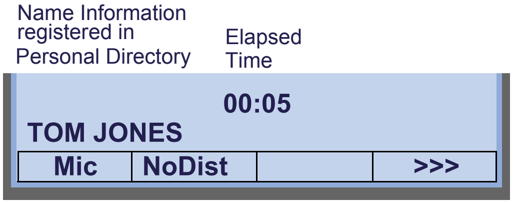


STEP 2: Press Answer .

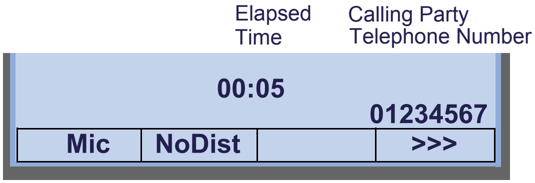
STEP 3: Lift the handset to answer the call.

(while in a conversation)

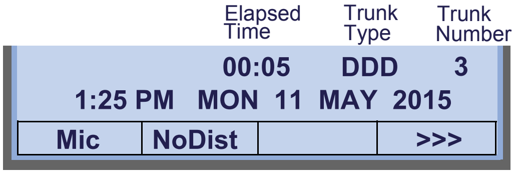
- When calling party telephone number is registered in Personal Directory:



- When calling party telephone number is not registered in Personal Directory:



- When caller ID is not received



00:05 DDD 3
1:25 PM MON 11 MAY 2015

TIP When an incoming call is terminated to My Line of the telephone, the user can usually answer the call only by lifting the handset or pressing **Speaker**.

TO ANSWER AN INTERNAL CALL

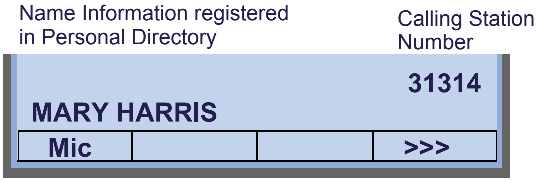
The following procedure explains how to answer an internal call routed to My Line of the telephone.

When calling station number is registered in Personal Directory, the corresponding name information will be displayed on LCD while you are hearing a ringing tone or are engaged in a conversation. According to the initial settings, the display may differ from the above example. For more information, contact the system administrator.

STEP 1: You hear the ringing tone. Call Indicator Lamp flashes red.

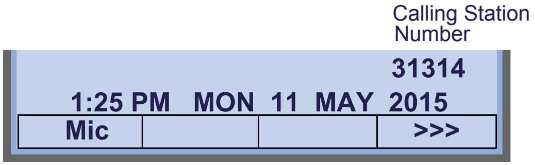
(while hearing a ringing tone)

- When calling station number is registered in Personal Directory:



31314
MARY HARRIS

- When calling station number is not registered in Personal Directory:



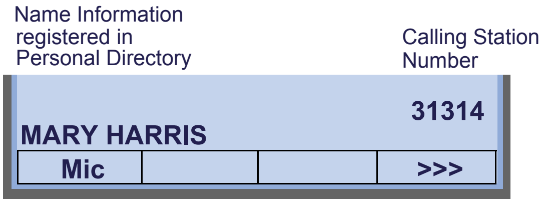
31314
1:25 PM MON 11 MAY 2015

STEP 2: Press **Answer**.

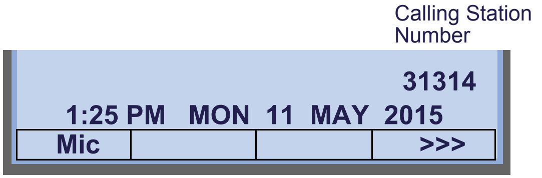
STEP 3: Lift the handset to answer the call.

(while in a conversation)

- When calling station number is registered in Personal Directory:



- When calling station number is not registered in Personal Directory:



TIP When an incoming call is terminated to My Line of the telephone, the user can usually answer the call only by lifting the handset or pressing **Speaker**.

MULTILINE APPEARANCE

This feature allows you to accommodate the lines (other telephone's station number) other than My Line on the Programmable Line/Feature Keys. When accommodating other telephone's station number on the Programmable Line/Feature Key, the user can answer the call routed to the other telephone by pressing the key.

TIP For the setting of Multiline Appearance, contact the System Maintenance Administrator.

• TO ANSWER A CALL

STEP 1: A call is terminated to the telephone whose station number is accommodated to the **MULTILINE APPEARANCE** Feature key. (ringing and flashing Call Indicator lamp alert user to incoming call).

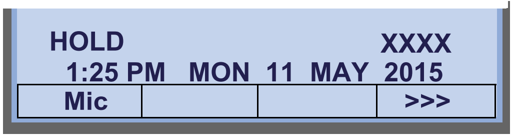
STEP 2: Press the **MULTILINE APPEARANCE** Feature key on the display. Speaker lamp lights red.

STEP 3: Lift handset to start a conversation. Speaker lamp goes off.

TO HOLD A CALL

STEP 1: While engaged in a Two-party call:

STEP 2: Press HOLD to hold the call in progress.



Held Station Number

HOLD XXXX
1:25 PM MON 11 MAY 2015

Mic			>>>

STEP 3: The person on the other end hears the music on hold.

STEP 4: Replace the handset.

• TO RETRIEVE

STEP 1: Lift handset or press Speaker.

STEP 2: Lift the handset.

TIP Any station with this line appearance can retrieve the call.

Note Line key will be disabled while the information of XML application is displayed on to the LCD. DT830G placing other line on hold by pressing HOLD can bring back the call pressing HOLD again, in Hold Fixation Mode.

Note Conditions for Hold Fixation Mode;
- Exclusive Hold cannot use at the same time.
- When collaborating with Softphone, this service is not available.

• IF UNANSWERED

STEP 1: After preprogrammed time, Automatic Recall is initiated.

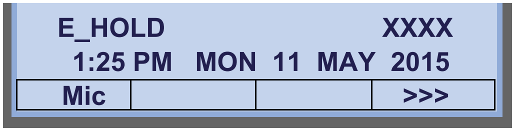
STEP 2: Call Indicator lamp flashes and the user hears Automatic Recall Ringer.

TO PLACE A CALL ON EXCLUSIVE HOLD

This feature allows a user to place a call on hold and to exclude all other users from retrieving the Held Call.

STEP 1: While engaged in a Two-party call:

STEP 2: Press HOLD twice. The LCD displays as follows:


Held Station Number

E_HOLD XXXX
1:25 PM MON 11 MAY 2015

STEP 3: Replace the handset.

• TO RETRIEVE

STEP 1: Lift handset or press Speaker.

STEP 2: Press the Line Key. The conversation is re-established.

Note Only the telephone that set Exclusive Hold option can retrieve the call.

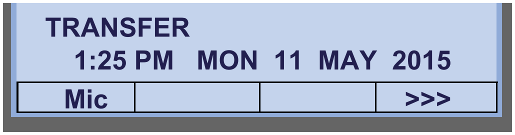
• IF UNANSWERED

STEP 1: After preprogrammed time, Automatic Recall is initiated.

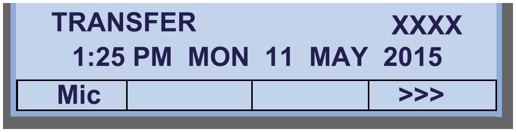
STEP 2: Call Indicator lamp flashes and the user hears Automatic Recall Ringer.

TO TRANSFER A CALL

STEP 1: During a conversation, press Transfer. Receive Special Dial Tone. The first party is placed on hold and hears the music on hold.


TRANSFER
1:25 PM MON 11 MAY 2015

STEP 2: Dial the destination party's number. Receive Ringback Tone.


Destination station or trunk number

TRANSFER XXXX
1:25 PM MON 11 MAY 2015

STEP 3: The destination party answers the call. Announce the call to the destination party.

STEP 4: Replace the handset. The transfer is complete.

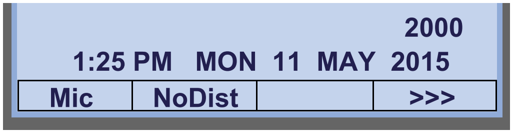
TO ORIGINATE A CALL USING SELECTIVE DIALING (DYNAMIC DIAL PAD, PRESET DIAL)

Dynamic Dial Pad

STEP 1: Enter desired telephone number (Digit Keys 0-9, *, and #).

STEP 2: LED on Speaker lights and hear key touch tone.

STEP 3: The dialed number appears on the top of LCD.



2000
1:25 PM MON 11 MAY 2015

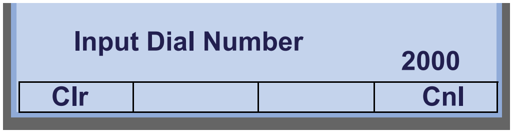
Mic	NoDist		>>>

Note Pressing **Speaker** or going off-hook is not necessary.

Preset Dial

STEP 1: Enter desired telephone number (Digit Keys 0-9, *, and #).

STEP 2: The dialed number appears on the top of LCD.



Input Dial Number
2000

Clr			Cnl

STEP 3: Lift handset or press Speaker.

or

STEP 3: Press the originating Line Key and lift handset.

Note Originating call operation is cancelled by the following Soft Key operation;

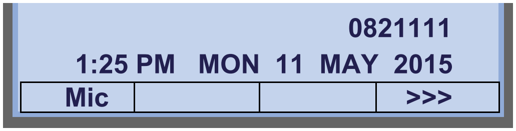
- Press **Exit** or **Cancel**.
- Press **Clear** and cancel by one digit.

ONE-TOUCH SPEED CALLING KEYS

• TO MAKE A CALL

STEP 1: Press the desired **One-Touch Speed Calling** key.

STEP 2: Speaker lamp lights red. A call is automatically made to a registered party.



0821111

1:25 PM MON 11 MAY 2015

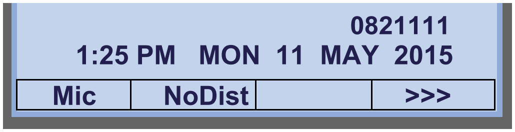
STEP 3: Lift the handset. Speaker lamp goes off.

• TO SET

STEP 1: Press Feature. Feature lamp lights red.

STEP 2: Press a desired **One-Touch Speed Calling** key.

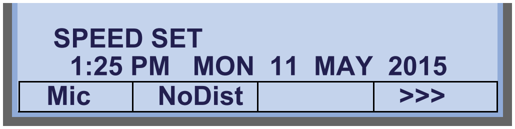
STEP 3: Enter a desired telephone number or feature access code (up to 32 digits) on the keypad. Display indicates the digits dialed.



0821111

1:25 PM MON 11 MAY 2015

STEP 4: Press Feature again to save the number. Feature lamp goes off.



SPEED SET

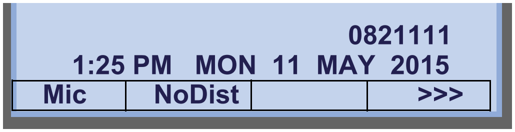
1:25 PM MON 11 MAY 2015

• TO VERIFY

STEP 1: Press Feature. Feature lamp lights red.

STEP 2: Press a desired **One-Touch Speed Calling** key.

STEP 3: Display indicates the assigned number.



0821111

1:25 PM MON 11 MAY 2015

STEP 4: Press Feature again. Feature lamp goes off.

TIP To program a hook switch for transfer or feature activation, press Recall as first digit. (**!** displays on LCD.)

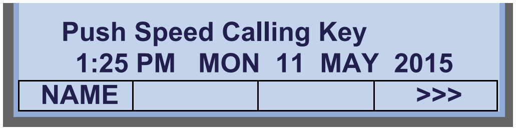
TIP To program a pause, press Recall as any digit other than the first digit. (**–** displays on LCD.)

TIP To program a Voice Call, press Transfer after dialing station number. (**Voice** displays on LCD.)

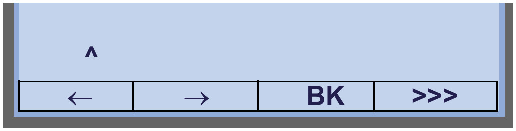
TIP **One-Touch Speed Calling** key for feature access:
One-Touch Speed Calling key may be used as a feature key by storing the feature access code. The features may be programmed on a system basis by the Telephony Server Administrator.
Access codes may be stored in conjunction with telephone numbers. For example, one button can be programmed by the user to transfer to a certain extension.

• TO REGISTER NAME ONTO ONE-TOUCH SPEED CALLING KEY

STEP 1: Press **NAME**.

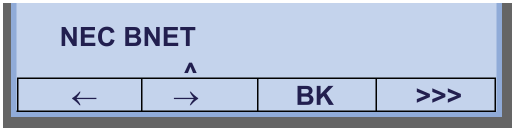

Push Speed Calling Key
1:25 PM MON 11 MAY 2015

STEP 2: Press a desired **One-Touch Speed Calling** key.

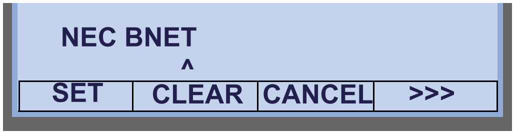


TIP For the key to which no name information is registered, the character "SPD" will be displayed.

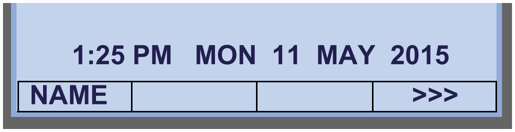
STEP 3: Enter desired name on the keypad. Display indicates the name entered.


NEC BNET

STEP 4: Press **>>>** twice to display the following soft keys.


NEC BNET

STEP 5: Press **SET** to save the entered name.


1:25 PM MON 11 MAY 2015

TIP To delete the entry, press **DEL** or **BK** and delete each one character.

TIP To delete the whole setting, press **CLEAR** and back to idle status.

Character Code For Name Information of One-Touch Speed Calling Key

Uppercase Alphabetical Characters

DIGIT KEY	1	2	3	4	5	6	7	8	9	0	*	#
CHARACTER	1	A	D	G	J	M	P	T	W	0	*	#
		B	E	H	K	N	Q	U	X		@	&
		C	F	I	L	O	R	V	Y		.	(
		a	d	g	j	m	S	t	Z		,	)
		b	e	h	k	n	p	u	w		’	[
		c	f	i	l	o	q	v	x		:	]
		2	3	4	5	6	r	8	y		;	!
							s		z		-	?
							7		9		/	

Uppercase European Characters

DIGIT KEY	1	2	3	4	5	6	7	8	9	0	*	#
CHARACTER	.	A	D	G	J	M	P	T	W	0	*	#
	,	B	E	H	K	N	Q	U	X			
	:	C	F	I	L	O	R	V	Y			
	!	À	È	Ì	5	Ñ	S	Ù	Z			
	?	Á	É	Í		Ò	β	Ú	9			
	-	Â	Ê	Î		Ó	7	Û				
	+	Ã	Ë	Ï		Ô		Ü				
	%	Ä	3	4		Õ		8				
	&	Å				Ö						
	/	Æ				Œ						
	(	Ç				Ø						
	)	2				6						
	=											
	¿											
	¡											
	1											

** The shaded area indicates the characters which cannot be entered.*

Lowercase European Characters

DIGIT KEY	1	2	3	4	5	6	7	8	9	0	*	#
CHARACTER	.	a	d	g	j	m	p	t	w	0	*	#
	,	b	e	h	k	n	q	u	x			
	:	c	f	i	l	o	r	v	y			
	!	à	è	ì	5	ñ	s	ù	z			
	?	á	é	í		ò	β	ú	9			
	-	â	ê	î		ó	7	û				
	+	ã	ë	ï		ô		ü				
	%	ä	3	4		õ		8				
	&	å				ö						
	/	æ				œ						
	(	ç				ø						
	)	2				6						
	=											
	¿											
	¡											
	1											

** The shaded area indicates the characters which cannot be entered.*

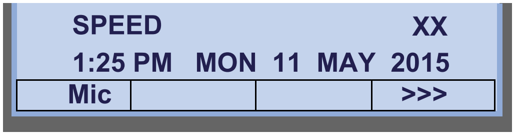
SPEED CALLING - STATION/GROUP

Note When Redial feature is enabled at installation, Last Number Redial feature and Speed Calling features using (**Redial**) key are not available. For details, contact the system administrator.

• TO SET

STEP 1: Press Speaker. Receive Dial Tone. Speaker lamp lights red.

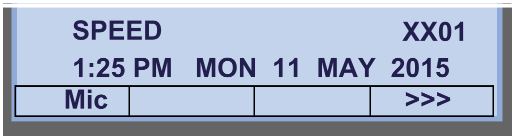
STEP 2: Dial the Speed Calling – Station/Group Access Code.



```
SPEED                          XX
1:25 PM   MON  11  MAY  2015
Mic   |        |        |  >>>
```

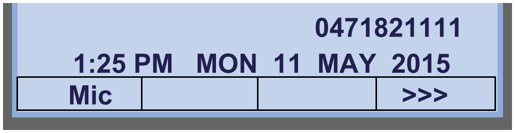
TIP For the assignment of Speed Calling - Station/Group Access Code, contact the PBX maintenance personnel.

STEP 3: Dial the desired abbreviated call code. In this example, “01” is dialed as the desired abbreviated call code.



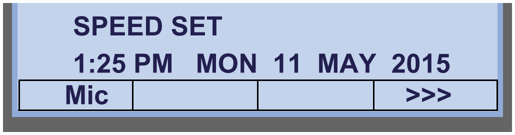
```
SPEED                        XX01
1:25 PM   MON  11  MAY  2015
Mic   |        |        |  >>>
```

STEP 4: Dial the destination telephone number.



```
                       0471821111
1:25 PM   MON  11  MAY  2015
Mic   |        |        |  >>>
```

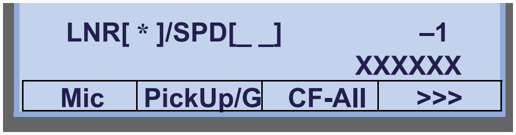
STEP 5: Press Speaker. Speaker lamp goes off.



```
SPEED SET
1:25 PM   MON  11  MAY  2015
Mic   |        |        |  >>>
```

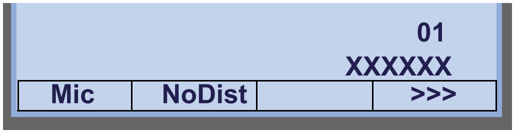
• TO MAKE A CALL

STEP 1: Press (**Redial**). Receive Dial Tone. Speaker lamp lights red.



```
LNR[ * ]/SPD[_ _]              –1
                           XXXXXX
Mic   | PickUp/G | CF-All |  >>>
```

STEP 2: Press the desired speed calling number.



```
                               01
                           XXXXXX
Mic   | NoDist |        |  >>>
```

STEP 3: Lift the handset. Speaker lamp goes off.

SPEED CALLING - SYSTEM

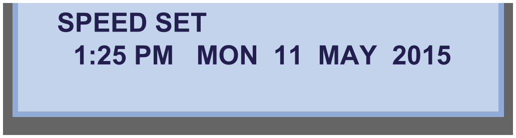
• TO SET SPEED CALLING - SYSTEM KEY (ONE-TOUCH SPEED CALLING KEY)

STEP 1: Press Feature. Feature lamp lights red.

STEP 2: Press a desired **One-Touch Speed Calling** key. The LCD displays previously stored digits.

STEP 3: Dial the Speed Calling – System Access Code and the abbreviated call code.

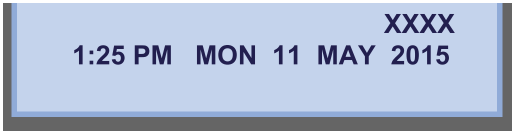
STEP 4: Press Feature again. Feature lamp goes off.



SPEED SET
1:25 PM MON 11 MAY 2015

• TO OPERATE FROM SPEED CALLING-SYSTEM KEY

STEP 1: Press the Speed Calling – System key.



XXXX
1:25 PM MON 11 MAY 2015

STEP 2: If the DT830G does not have the “Speed Calling – System” key, dial the Speed Calling – System Access Code, then the abbreviated call code.

ONE-TOUCH SPEED CALLING SETTING USING SPD SET SOFT KEY

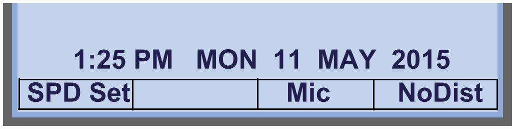
You can add, edit, or delete a **One-Touch Speed Calling** key using programmable Line/Feature Key or **SPD Set** key. When using **SPD Set** soft key, **One-Touch Speed Calling** can be set when the terminal in off-hook status (idle), otherwise, it is invalid.

Note **SPD Set** is available for SV9500 V2 or later.

Note **SPD Set** is configured at the installation stage.

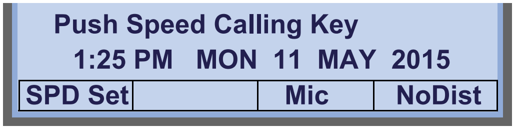
To Add the One-Touch Speed Calling Key with SPD Set Key as New Data

STEP 1: Press the **SPD Set** key.



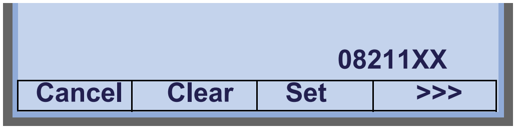
1:25 PM MON 11 MAY 2015
SPD Set | | Mic | NoDist

STEP 2: Press the desired **One-Touch Speed Calling** key.



Push Speed Calling Key
1:25 PM MON 11 MAY 2015
SPD Set | | Mic | NoDist

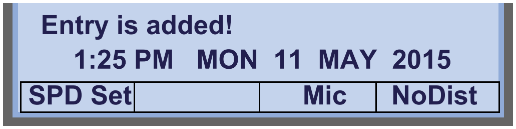
STEP 3: Enter the desired phone number (up to 32 digits can be registered).



08211XX

Cancel Clear Set >>>

STEP 4: Press **Regist** key. Then, “Registration complete!” is displayed for 3 seconds.



Entry is added!

1:25 PM MON 11 MAY 2015

SPD Set Mic NoDist

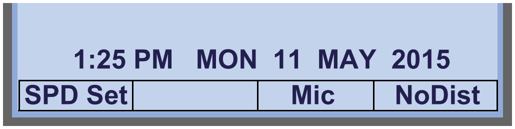
Note One-Touch Speed Calling during the registration operation. Also, pressing any other key (**Exit**, **SPD Set**, or **Cancel**) cancels the setting. In that case, the terminal operates in accordance with the pressed operation key.

Note When you receive an incoming call on the accommodated line while programming the **One-Touch Speed Calling** key, you can continue with the programming without answering the call. However, if you answer the call, the conversation will be started and the registration operation will be canceled.

Note A new entry overwrites the previously saved phone number (the existing number temporarily displays when you try to set a new number).

To Replace the Existing Data Assigned to a One-Touch Speed Calling Key with New Data Using SPD Set Key

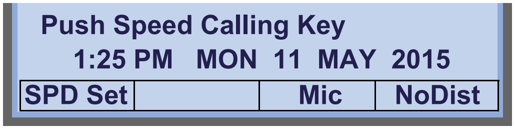
STEP 1: Press the **SPD Set**.



1:25 PM MON 11 MAY 2015

SPD Set Mic NoDist

STEP 2: Press desired **One-Touch Speed Calling** key.

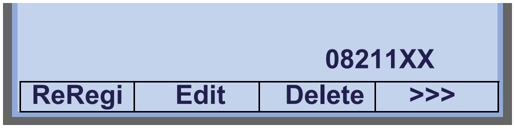


Push Speed Calling Key

1:25 PM MON 11 MAY 2015

SPD Set Mic NoDist

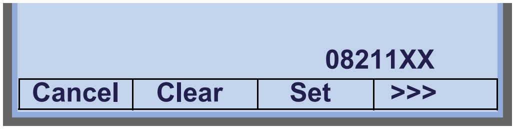
STEP 3: The phone number already registered is displayed. Press ◉ key or **Edit** soft key.



08211XX

ReRegi Edit Delete >>>

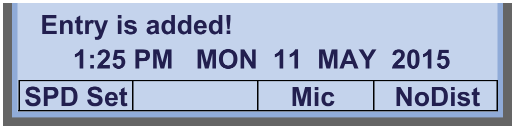
STEP 4: Enter desired phone number (up to 32 digits can be registered).



08211XX

Cancel Clear Set >>>

STEP 5: Press **Regist** key. Then, “Registration complete!” is displayed for 3 seconds.



Entry is added!

1:25 PM MON 11 MAY 2015

SPD Set Mic NoDist

Note One-Touch Speed Calling during the registration operation. Also, pressing any other key (**Exit**, **SPD Set**, or **Cancel**) cancels the setting. In that case, the terminal operates in accordance with the pressed operation key.

Note When you receive an incoming call on the accommodated line while programming the **One-Touch Speed Calling** key, you can continue with the programming without answering the call. However, if you answer the call, the conversation will be started and the registration operation will be canceled.

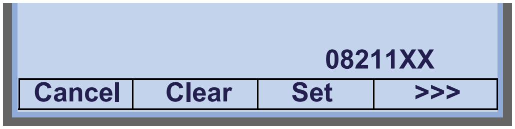
Note A new entry overwrites the previously saved phone number (the existing number temporarily displays when you try to set a new number).

TO EDIT THE REGISTERED DATA

To Enter the Phone Number

STEP 1: Locate the cursor (underscore) with ← / → soft key (these soft keys are displayed pressing **>>>** soft key), or pressing ◀ / ▶.

STEP 2: Enter desired phone number.



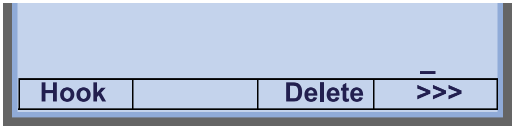
08211XX

Cancel | Clear | Set | >>>

Note If the entered number exceeds 24 digits, the digits following the 24th digit are displayed on the upper row of LCD. Phone number can be entered up to 32 digits.

To Enter Hooking

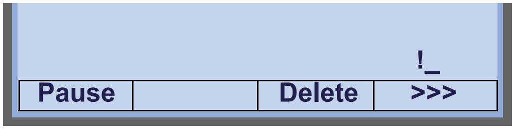
STEP 1: Press **Hooking** soft key (this soft keys is displayed pressing **>>>** soft key twice).



_

Hook | | Delete | >>>

STEP 2: Hooking is indicated as “!” on the LCD.



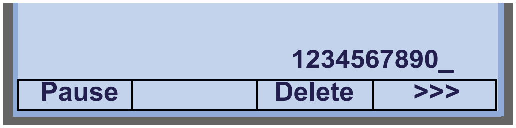
!_

Pause | | Delete | >>>

Note Hooking can be put only at the beginning of a number, and so Hooking key displays only before entering any number.

To Enter Pause

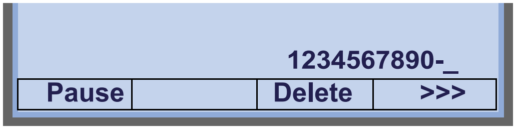
STEP 1: Press **Pause** soft key (this soft key is displayed pressing **>>>** soft key twice).



1234567890_

Pause | | Delete | >>>

STEP 2: Pause is indicated as “-” on the LCD.



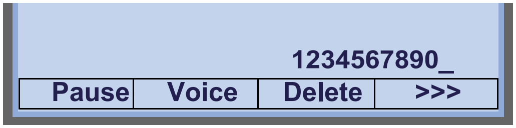
1234567890-_

Pause | | Delete | >>>

Note Up to three consecutive entries of the pause key are allowed.

To Enter Voice Call

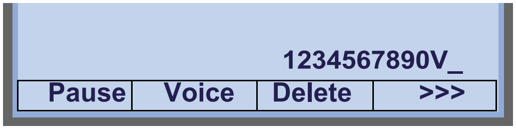
STEP 1: Press **Voice** soft key (this soft key is displayed pressing **>>>** soft key twice).



1234567890_

Pause | Voice | Delete | >>>

STEP 2: Pause is indicated as “V” on the LCD.

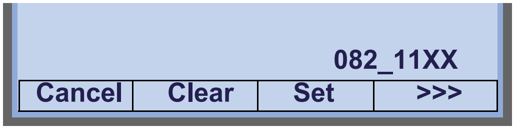


1234567890V_

Pause | Voice | Delete | >>>

To Delete the Entered Character

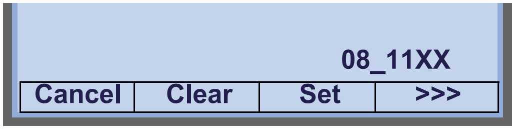
STEP 1: Place the cursor (underscore) in front of the desired character (in this example, “2” is deleted) with ← / → soft key (these soft keys are displayed pressing **>>>** soft key), or pressing ◀ / ▶.



082_11XX

Cancel | Clear | Set | >>>

STEP 2: Press **Clear** soft key.

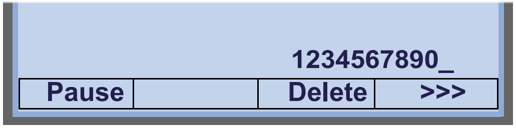


08_11XX

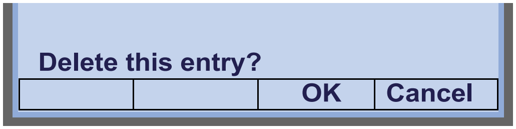
Cancel | Clear | Set | >>>

To Delete the Phone Number Data

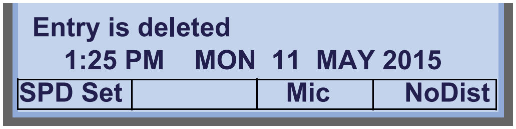
STEP 1: Press **Delete** soft key (this soft key is displayed pressing **>>>** soft key twice).


1234567890_
Pause | | Delete | >>>

STEP 2: Press **OK** soft key.


Delete this entry?
| | | OK | Cancel

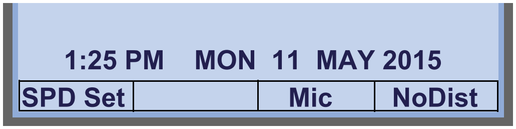
STEP 3: The following message appears for 3 seconds.


Entry is deleted
1:25 PM MON 11 MAY 2015
SPD Set | | Mic | NoDist

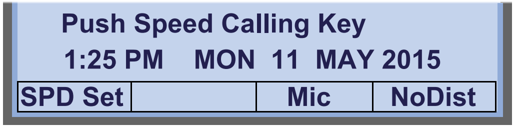
Note When this process ends in failure, "Delete Failed!" is displayed for 3 seconds on the LCD.

To Delete the Number of One-Touch Speed Calling Keys Using SPD Set Key

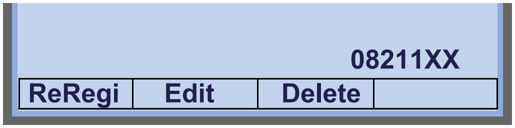
STEP 1: Press the **SPD Set** key.


1:25 PM MON 11 MAY 2015
SPD Set | | Mic | NoDist

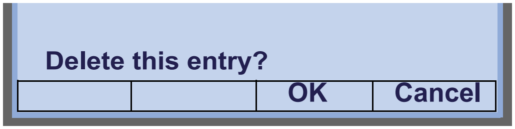
STEP 2: Press desired **One-Touch Speed Calling** key.


Push Speed Calling Key
1:25 PM MON 11 MAY 2015
SPD Set | | Mic | NoDist

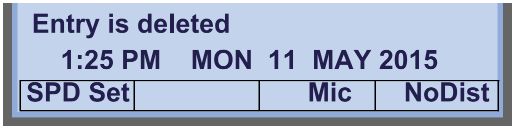
STEP 3: The phone number already registered is displayed. Press **Delete** soft key.


08211XX
ReRegi | Edit | Delete |

STEP 4: Press **OK** soft key.


Delete this entry?
| | | OK | Cancel

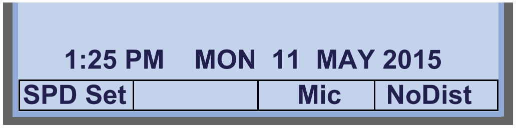
STEP 5: The following message appears for 3 seconds.


Entry is deleted
1:25 PM MON 11 MAY 2015
SPD Set | | Mic | NoDist

Note When this process ends in failure, "Delete Failed!" is displayed for 3 seconds on the LCD.

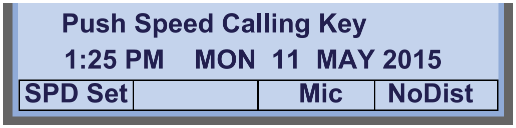
To Switch the Registering One-Touch Speed Calling Keys Using SPD Set Key

STEP 1: Press the **SPD Set** key.


1:25 PM MON 11 MAY 2015

SPD Set | | Mic | NoDist

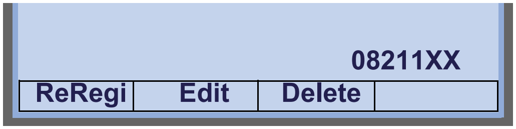
STEP 2: Press desired **One-Touch Speed Calling** key.


Push Speed Calling Key

1:25 PM MON 11 MAY 2015

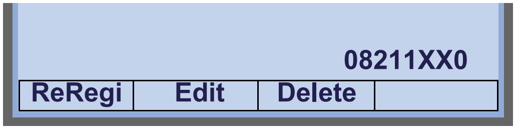
SPD Set | | Mic | NoDist

STEP 3: The phone number already registered is displayed.


08211XX

ReRegi | Edit | Delete |

STEP 4: Press another **One-Touch Speed Calling** key to switch the key data.


08211XX0

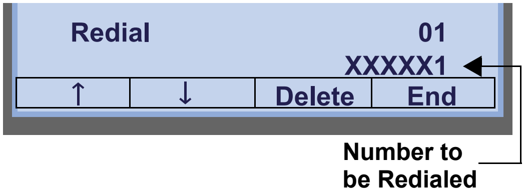
ReRegi | Edit | Delete |

REDIAL

Note When Redial feature is enabled at installation, Last Number Redial feature and Speed Calling features using (**Redial**) key are not available. For details, contact the system administrator.

- ### To Redial the Last Number Dialed

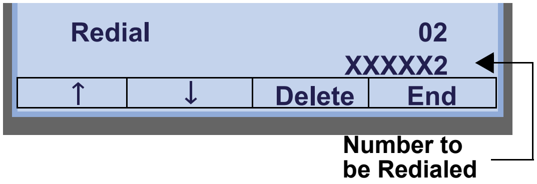
STEP 1: Press (**Redial**). The user hears Dial tone and the last number dialed is displayed. Speaker lamp lights red.


Redial 01

XXXXX1

↑ | ↓ | Delete | End

STEP 2: Press or **UP/DOWN** soft key until a desired number is displayed. Up to 20 previously dialed numbers are available.


Redial 02

XXXXX2

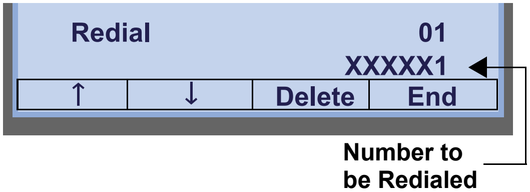
↑ | ↓ | Delete | End

STEP 3: Go off-hook or press Speaker key, , or **OK** soft key to make a call to the selected party.

STEP 4: When the party has answered, lift handset or speak hands-free.

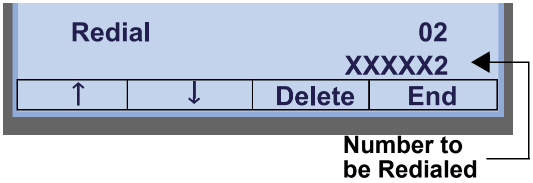
• To Delete a Call Record from the Outgoing Call History

STEP 1: Press (**Redial**). The user hears Dial tone and the last number dialed is displayed. Speaker lamp lights red.



Number to be Redialed

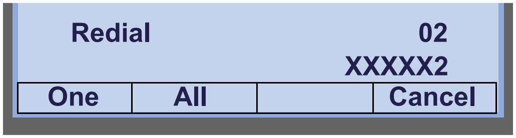
STEP 2: Press or **UP/DOWN** soft key until a desired number is displayed.



Number to be Redialed

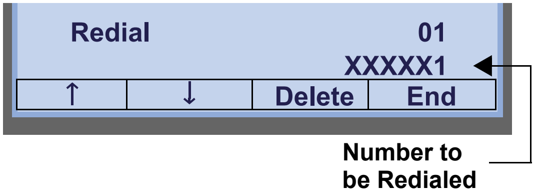
STEP 3: Press **Delete** soft key.

STEP 4: Press **One** soft key.



• To Delete All Records from the Outgoing Call History

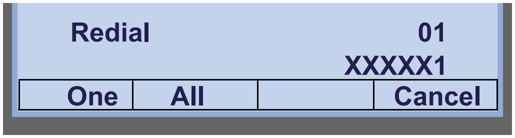
STEP 1: Press (**Redial**). The user hears Dial tone and the last number dialed is displayed. Speaker lamp lights red.



Number to be Redialed

STEP 2: Press **Delete** soft key.

STEP 3: Press **All** soft key.

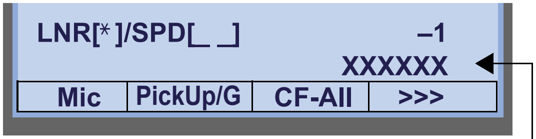


LAST NUMBER REDIAL

Note When Redial feature is enabled at installation, Last Number Redial feature and Speed Calling features using (**Redial**) key are not available. For details, contact the system administrator.

- ### To Recall Last Number Dialed

STEP 1: Press (**Redial**). The user hears Dial tone and the last number dialed is displayed. Speaker lamp lights red.



LNR[✳]/SPD[_ _] –1
XXXXXX
Mic | PickUp/G | CF-All | >>>

Number to be Redialed

STEP 2: Press (**Redial**) until a desired number is displayed. Up to 5 previously dialed numbers are available.

STEP 3: Press ✳. The number on the display is automatically redialed.

Note A-law Countries [Europe, Australia, Russia, Latin America, Middle Near East, other Asian nations]: #
μ-law Countries [North America]: ✳

Note The key to redial (#, ✳) can be changed by the system setting. For details, contact the system administrator.

STEP 4: When party has answered, lift handset or speak hands-free.

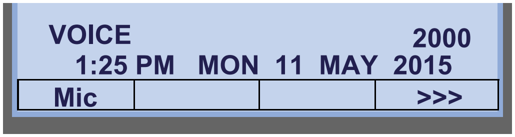
VOICE CALL

Using Feature Key

STEP 1: Lift handset.

STEP 2: Dial desired station number.

STEP 3: Press **Voice**.



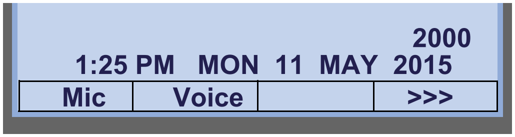
VOICE 2000
1:25 PM MON 11 MAY 2015
Mic | | | >>>

STEP 4: Speak to called party.

Using Soft Key

STEP 1: Lift handset.

STEP 2: Dial desired station number; **VOICE** appears while station is ringing.



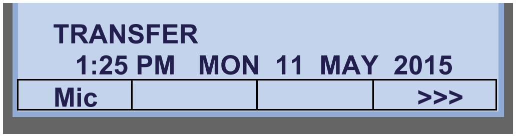
2000
1:25 PM MON 11 MAY 2015
Mic | Voice | | >>>

STEP 3: Press **VOICE**. Speak to called party.

THREE-PARTY CONFERENCE

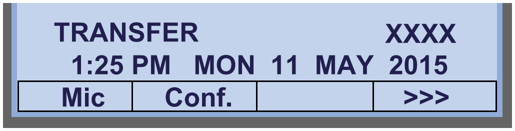
STEP 1: While Station A and Station B are engaged in a Two-party connection, Station A presses Transfer.

Station A hears Special Dial Tone.
Station B hears the music on hold.



TRANSFER
1:25 PM MON 11 MAY 2015
Mic >>>

STEP 2: Station A dials a desired Station Number (Station C).

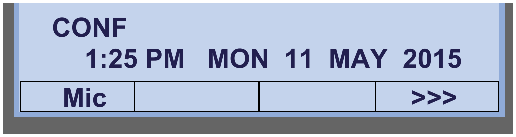


Station Number of Station C

TRANSFER XXXX
1:25 PM MON 11 MAY 2015
Mic Conf. >>>

STEP 3: After Station C answers the transferred call, Station A presses **Conf**.

STEP 4: Three-Party call is now established.



CONF
1:25 PM MON 11 MAY 2015
Mic >>>

VOICE MAIL SYSTEM

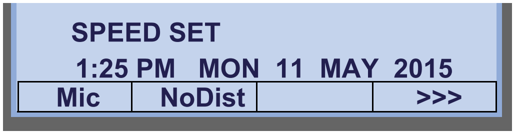
To Set

STEP 1: Press Feature.

STEP 2: Press (**Enter**).

STEP 3: Dial desired “Voice Mail System” access code.

STEP 4: Press Feature again.



SPEED SET
1:25 PM MON 11 MAY 2015
Mic NoDist >>>

To Originate

STEP 1: Press (**Enter**). The Shortcut menu screen is displayed on LCD.

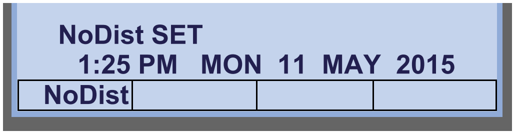
STEP 2: Select 2 **Voice Mail** and press (**Enter**), (**Right-cursor**) or **OK** to access a preset Voice Mail System.

STEP 3: Hear ringback tone.

DO NOT DISTURB

To Set

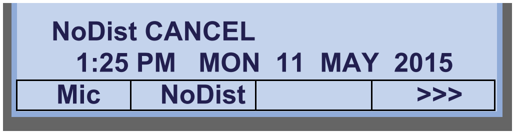
STEP 1: Press **NoDist** when the telephone is in idle state (on hook).


NoDist SET
1:25 PM MON 11 MAY 2015

TIP With Soft Key operation, "NoDist" flashes when set.

To Cancel

STEP 1: Press flashing **NoDist**.

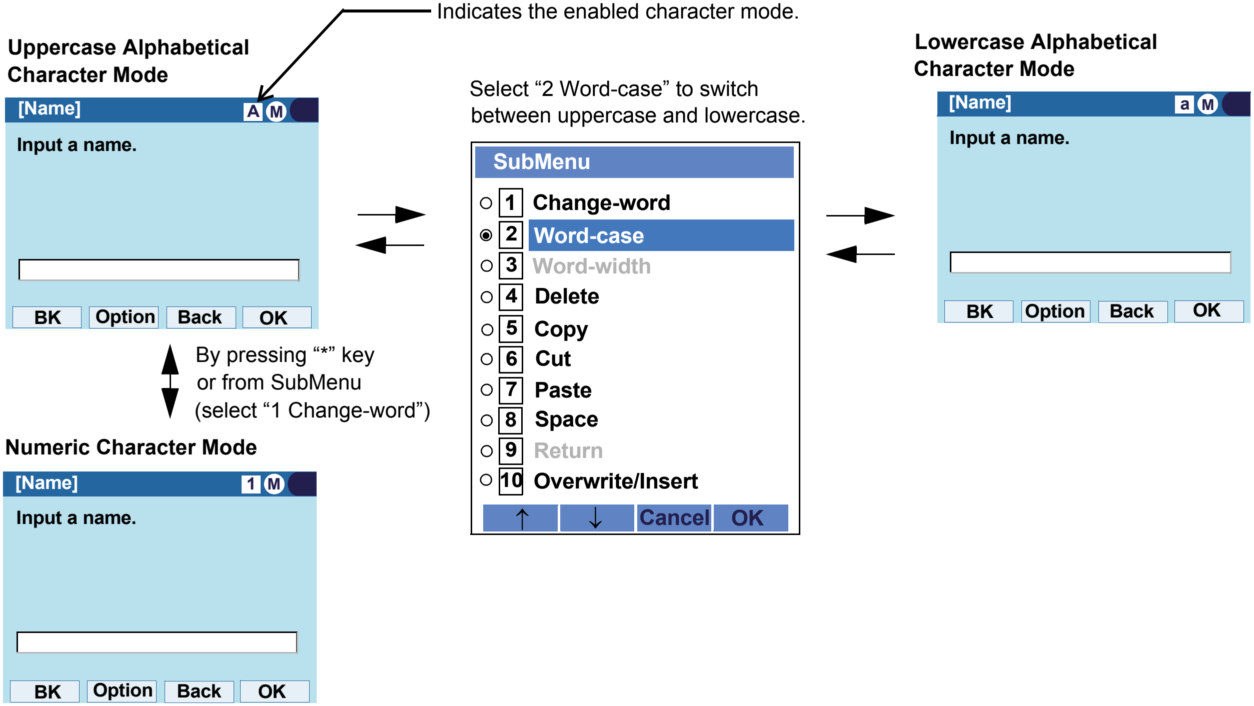

NoDist CANCEL
1:25 PM MON 11 MAY 2015

HOW TO INPUT CHARACTERS

This section explains how to enter characters on the text input screen such as Name or User ID, etc.

• Character Entry Mode

When entering characters from the telephone set, the following three modes are available: uppercase alphabetical character, lowercase alphabetical character and numeric character. The character entry mode can be changed by pressing (*) (alphabetical / numeric) or from the SubMenu screen (uppercase / lowercase alphabet).

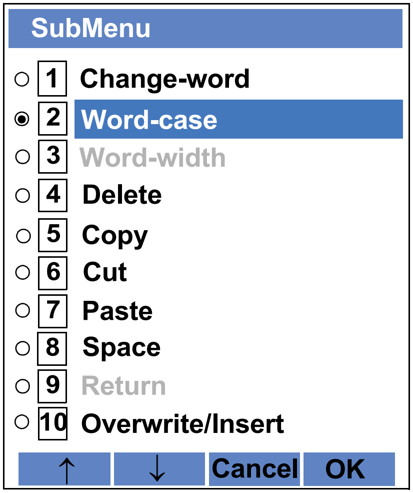

Indicates the enabled character mode.

Select "2 Word-case" to switch between uppercase and lowercase.

By pressing "*" key or from SubMenu (select "1 Change-word")

The enabled entry mode is indicated in the top portion of the LCD screen.

To display the SubMenu screen, press **HELP** or **Option** while the text input screen is displayed. Also, the following operations are available from the SubMenu screen.



Submenu Items	Descriptions
Change-word	Change character entry mode between uppercase alphabetical, lowercase alphabetical and numeric character.
Word-case	Switch between uppercase and lowercase.
Word-width	Not used.
Delete	Delete a single character.
Copy	Copy the specified characters.
Cut	Cut the specified characters.
Paste	Paste the specified characters.
Space	Enter a space.
Return	Start a new line.
Overwrite/Insert	Write over existing characters.

- **Character Code List**

<Character Code For English (1/2)>

DIGIT KEY	CASE SHIFT	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th
1	A	.	,	\	1	?	!	“	@	:	;			
	a													
2	A	A	B	C	2									
	a	a	b	c	2									
3	A	D	E	F	3									
	a	d	e	f	3									
4	A	G	H	I	4									
	a	g	h	i	4									
5	A	J	K	L	5									
	a	j	k	l	5									
6	A	M	N	O	6									
	a	m	n	o	6									
7	A	P	Q	R	S	7								
	a	p	q	r	s	7								
8	A	T	U	V	8									
	a	t	u	v	8									
9	A	W	X	Y	Z	9								
	a	w	x	y	z	9								
0	A	[SP]	0											
	a													

<Character Code For English (2/2)>

		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
# Note	A	*	#	.	/	:	~	!	@	$	%
	a										
		11th	**12th**	**13th**	**14th**	**15th**	**16th**	**17th**	**18th**	**19th**	**20th**
	A	^	&	(	)	'	?	"	_	+	-
	a										
		21th	**22th**	**23th**	**24th**	**25th**	**26th**	**27th**	**28th**	**29th**	**30th**
	A	=	[	]	{	}	<	>	,	;	\
	a										
* Note	Used as a case shift key. Shifts the characters between alphabetical and numeric.										

Note: # and * is the same for European languages other than English, including Russian and Turkish.

<Character Code For Russian>

DIGIT KEY	CASE SHIFT	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th
1	A	.	,	:	!	?	+	-	%	&	/	(	)	=	¿	¡
	a															
2	A	А	Б	В	Г											
	a	а	б	в	г											
3	A	Д	Е	Ё	Ж	З										
	a	д	е	ё	ж	з										
4	A	И	Й	К	Л											
	a	и	й	к	л											
5	A	М	Н	О	П											
	a	м	н	о	п											
6	A	Р	С	Т	У											
	a	р	с	т	у											
7	A	Ф	Х	Ц	Ч											
	a	ф	х	ц	ч											
8	A	Ш	Щ	Ъ	Ы	Ь										
	a	ш	щ	ъ	ы	ь										
9	A	Э	Ю	Я												
	a	э	ю	я												
0	A	[SP]														
	a															

Note: **# and * is the same for English.**
Refer to the <Character Code For English (2/2)>.

<Character Code For Turkish>

DIGIT KEY	CASE SHIFT	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th
1	A	.	,	:	!	?	+	-	%	&	/	(	)	=	¿	¡
	a															
2	A	A	B	C	Ç											
	a	a	b	c	ç											
3	A	D	E	F												
	a	d	e	f												
4	A	G	Ğ	H	I	İ										
	a	g	ğ	h	I	i										
5	A	J	K	L												
	a	j	k	l												
6	A	M	N	O	Ö											
	a	m	n	o	ö											
7	A	P	R	S	Ş											
	a	p	r	s	ş											
8	A	T	U	Ü	V											
	a	t	u	ü	v											
9	A	Y	Z													
	a	y	z													
0	A	[SP]														
	a															

Note: # and * is the same for English.
Refer to the <Character Code For English (2/2)>.

<Character Code For European Languages Other Than English>

DIGIT KEY	CASE SHIFT	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th
1	A	.	,	:	!	?	+	-	%	&	/	(	)	=	¿	¡
	a															
2	A	A	B	C	À	Á	Â	Ã	Ä	Å	Æ	Ç				
	a	a	b	c	à	á	â	ã	ä	å	æ	ç				
3	A	D	E	F	È	É	Ê	Ë								
	a	d	e	f	è	é	ê	ë								
4	A	G	H	I	Ì	Í	Î	Ï								
	a	g	h	i	ì	í	î	ï								
5	A	J	K	L												
	a	j	k	l												
6	A	M	N	O	Ñ	Ò	Ó	Ô	Õ	Ö	Œ	Ø				
	a	m	n	o	ñ	ò	ó	ô	õ	ö	œ	ø				
7	A	P	Q	R	S	ß										
	a	p	q	r	s	ß										
8	A	T	U	V	Ù	Ú	Û	Ü								
	a	t	u	v	ù	ú	û	ü								
9	A	W	X	Y	Z											
	a	w	x	y	z											
0	A	[SP]														
	a															

Note: **# and * is the same for English.**
Refer to the <Character Code For English (2/2)>.

<Number Code>

DIGIT KEY	CASE SHIFT	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th
1	1	1														
2	1	2														
3	1	3														
4	1	4														
5	1	5														
6	1	6														
7	1	7														
8	1	8														
9	1	9														
0	1	0														
#	1	*	#	.	@	/	(	)	,	-	_	:	‘	~	&	\
*	1	Used as a case shift key. Shifts the characters between alphabetical and numeric.														

Note: *** When entering password, “0-9”, “*” and “#” are available.**

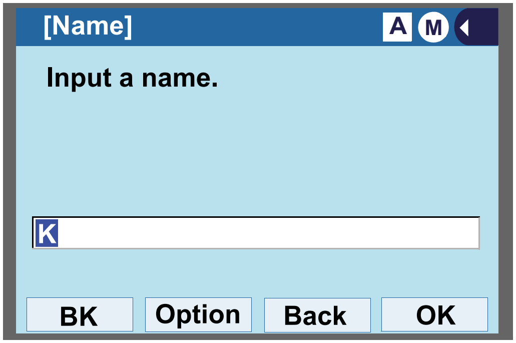
“#” is entered by pressing #.

“*” is entered by pressing *.

- **Character Entry Method**

As an example of character entry method, the following shows how to enter “**Ken Kobus**”.

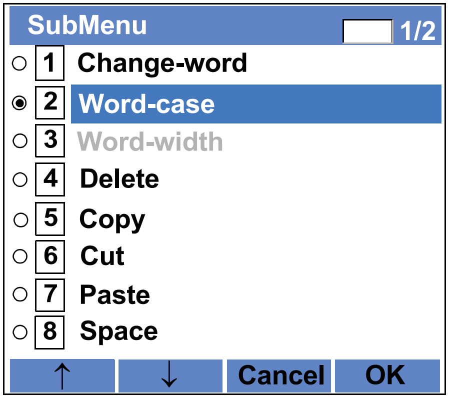
STEP 1: Press ⑤ twice to enter “**K**”.



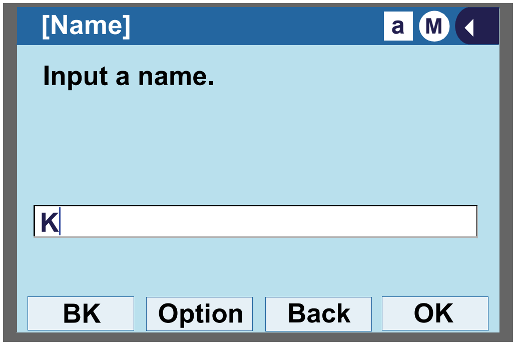
Input a name.

K

STEP 2: Press **HELP** or **Option** to display SubMenu screen, and select 2 **Word-case** to switch the text input mode from uppercase to lowercase.



STEP 3: Press ◉ (**Enter**) or **OK** on the SubMenu to go back to the text input screen.

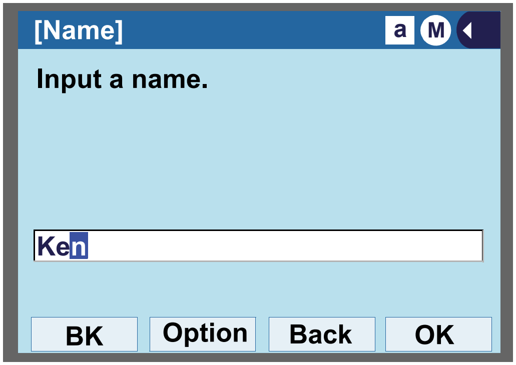


Input a name.

K

STEP 4: Enter “**en**” by using digit keys.

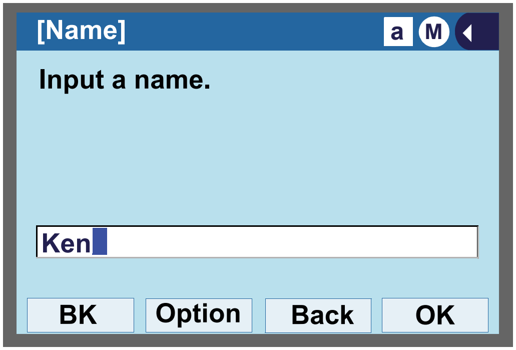
Press ③ twice to enter “e”.
Press ⑥ twice to enter “n“.



Input a name.

Ken

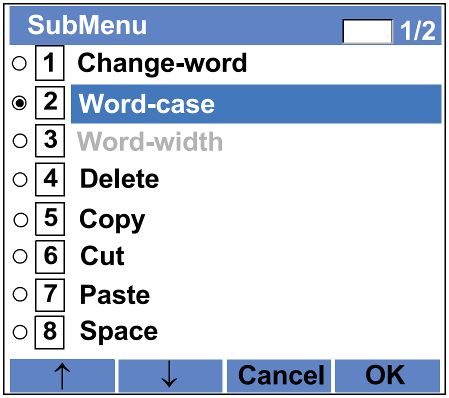
STEP 5: Press 0 once to enter a space.


[Name]

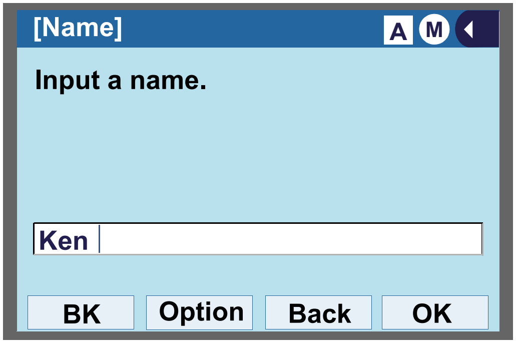
Input a name.

Ken

STEP 6: Press **HELP** or **Option** to display SubMenu screen, and select 2 **Word-case** to switch the text input mode from lowercase to uppercase.



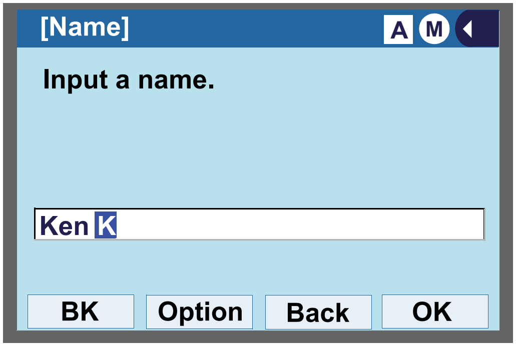
STEP 7: Press (**Enter**) or **OK** on the SubMenu to go back to text input screen.


[Name]

Input a name.

Ken

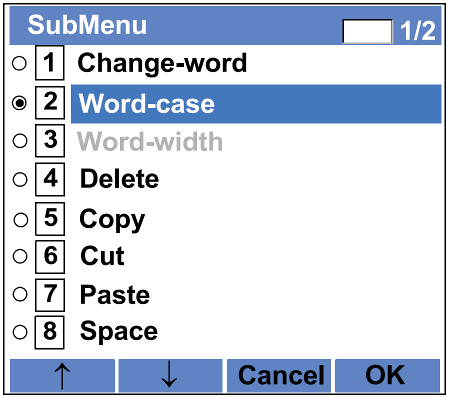
STEP 8: Press 5 twice to enter “**K**”.


[Name]

Input a name.

Ken K

STEP 9: Press **HELP** or **Option** to display SubMenu screen, and select 2 **Word-case** to switch the text input mode from lowercase to upper-case.


SubMenu 1/2

○ 1 Change-word

● 2 Word-case

○ 3 Word-width

○ 4 Delete

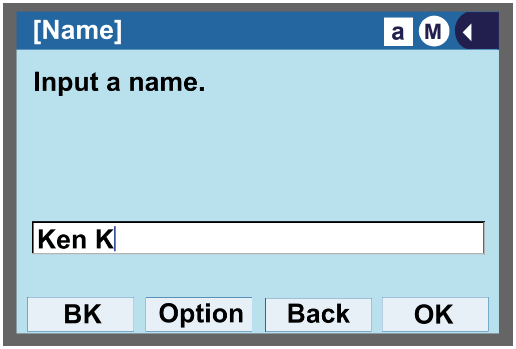
○ 5 Copy

○ 6 Cut

○ 7 Paste

○ 8 Space

STEP 10:Press (**Enter**) or **OK** on the SubMenu to go back to text input screen.


[Name]

Input a name.

Ken K

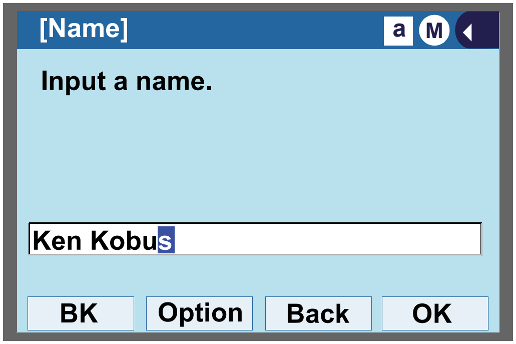
STEP 11:Enter “**obus**” by using digit keys.

Press ⑥ three times to enter “o”.

Press ② twice to enter “b“.

Press ⑧ twice to enter “u”.

Press ⑦ four times to enter “s“.


[Name]

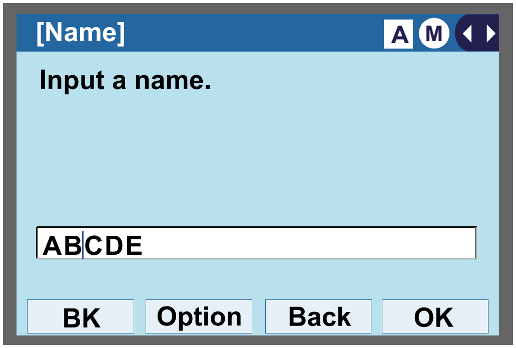
Input a name.

Ken Kobus

STEP 12:Press (**Enter**) or **OK**.

- ### To Overwrite Characters

STEP 1: Place the cursor at the left of the characters to be overwritten.



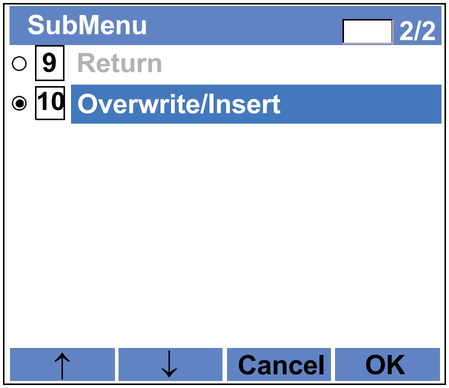
[Name]

Input a name.

ABCDE

STEP 2: Press **HELP** or **Option**.

STEP 3: On the following SubMenu screen, select **10 Overwrite/Insert** and press (**Enter**), (**Right-cursor**) or **OK**.

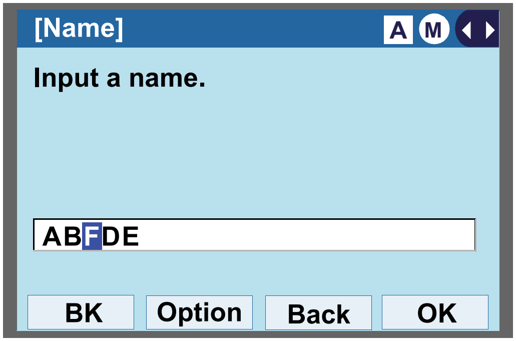


SubMenu 2/2

○ 9 Return

● 10 Overwrite/Insert

STEP 4: Enter new words over existing characters. In this example, “F” is entered.



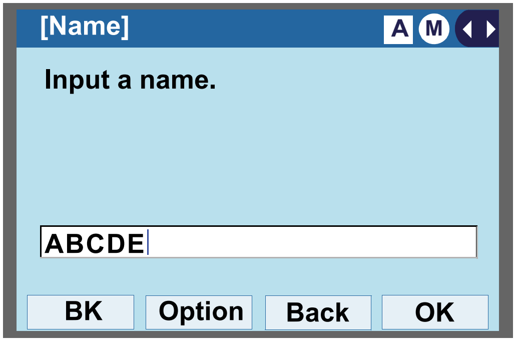
[Name]

Input a name.

ABFDE

• To Copy and Paste Characters

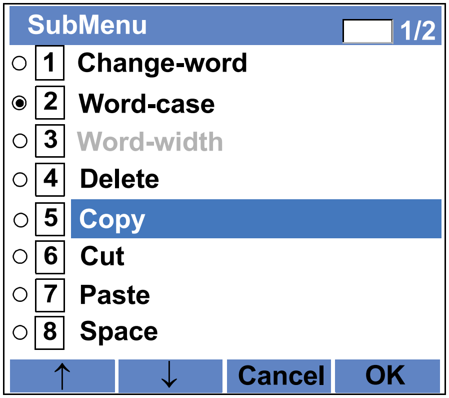
STEP 1: While characters which you want to copy are displayed, press **HELP** or **Option**.


[Name] A M

Input a name.

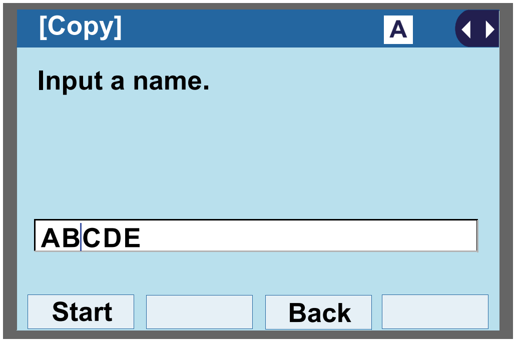
ABCDE

STEP 2: On the SubMenu screen, press (**Enter**) or **OK** while 5 **Copy** is highlighted, or press ⑤.


SubMenu 1/2

- ○ 1 Change-word
- ● 2 Word-case
- ○ 3 Word-width
- ○ 4 Delete
- ○ 5 Copy
- ○ 6 Cut
- ○ 7 Paste
- ○ 8 Space

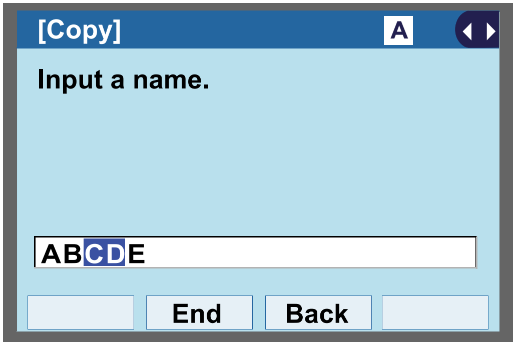
STEP 3: Place the cursor at the starting point of the target characters by using (**Left-cursor**) and press **Start**.


[Copy] A

Input a name.

ABCDE

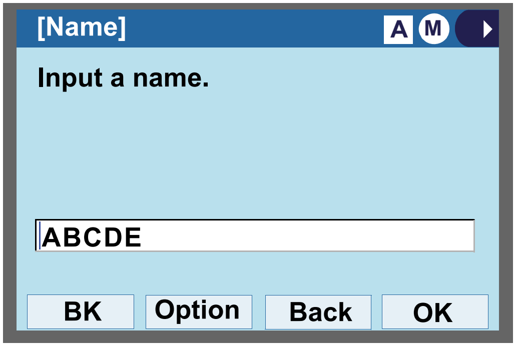
STEP 4: Place the cursor at the end point of the target characters (**Right-cursor**) and press **End**.


[Copy] A

Input a name.

ABCDE

STEP 5: Place the cursor at position where you want to paste the copied characters and press HELP or **Option**.

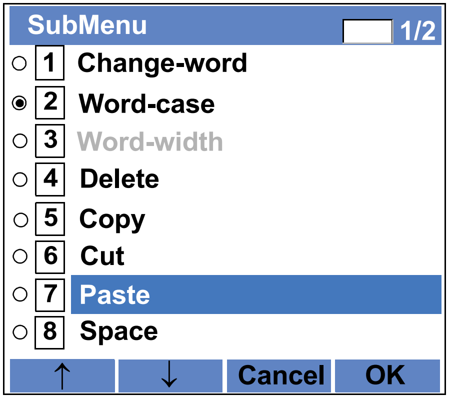


[Name]

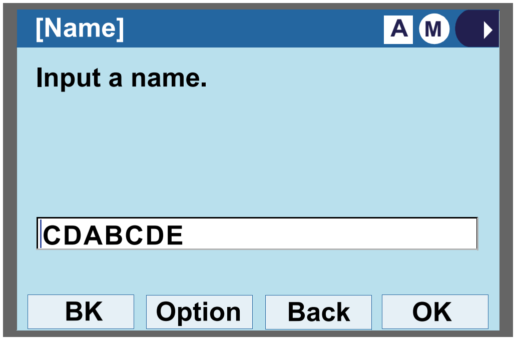
Input a name.

ABCDE

STEP 6: On the SubMenu screen, select 7 **Paste** and press (**Enter**), (**Right-cursor**) or **OK**. (or press ⑦.)



STEP 7: The copied characters “CD” are inserted as follows:



[Name]

Input a name.

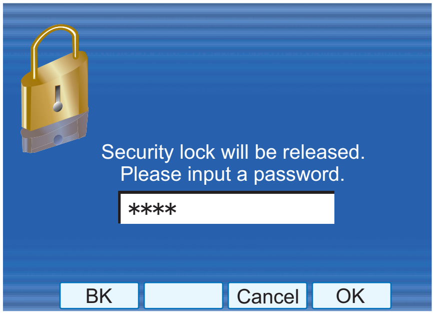
CDABCDE

SECURITY MODE

DT830G has a **Security** mode which prevents unauthorized access and information leakage from terminal. While the telephone is locked, Security Lamp lights up.

Note Security key must be programmed in advance. For the programming of Security key, contact the system administrator.

Note For using the feature of the terminal in collaboration with a mobile phone, the terminal cannot be placed in Security mode pressing Security key. For details, contact the system administrator



Security lock will be released.
Please input a password.
****

Note After a third attempt (if uncorrected password is entered three times consecutively), the telephone locks up, and any key operation will be disabled for 10 minutes.

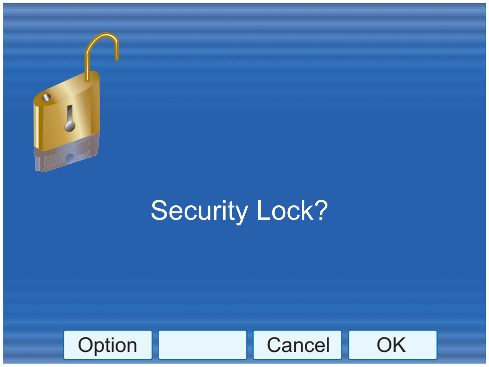
Note While the telephone is locked, Menu becomes disabled. Also, any features provided by the telephony server, such as call origination or call answering, cannot be performed.

Note To make a call of VOICE CALL is available toward a called party in the Security mode. When a called party activates the Security mode with leaving its MIC to ON, the called party can converse with a calling party though terminal operation is restricted.

Note Even when the telephone is reset for any reason (such as power-off, etc.) while the telephone is placed in security mode, the lock is not released.

• TO LOCK THE TELEPHONE

STEP 1: Press **Security** on the telephone. The following message is displayed on LCD.



Security Lock?

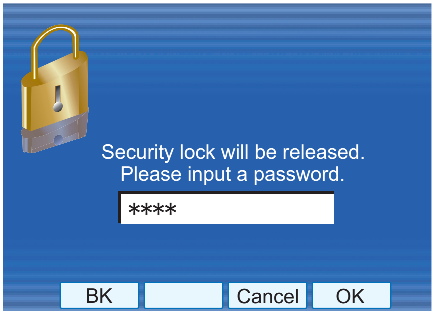
STEP 2: Press (**Enter**) or **OK** to place DT830G in Security mode.

STEP 3: When the telephone is placed in Security mode, Security Lamp lights red and the screen saver will be activated.

• TO UNLOCK THE TELEPHONE

STEP 1: Display the Password Entry screen by either of the following operations.

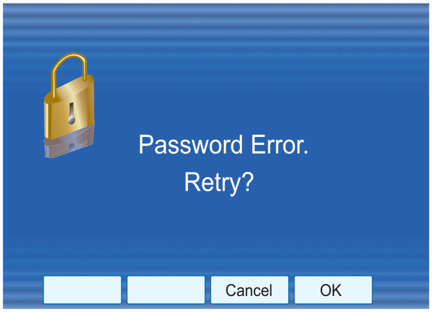
- Press any key while the screen saver is activated.
- Press **Security** while the screen saver is activated.


Security lock will be released.
Please input a password.
****

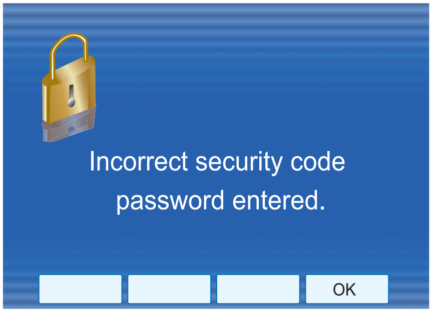
STEP 2: Enter the password and press ◉ (**Enter**) or **OK**. Security Lamp goes off and Security Mode is canceled.

Note The default password to release a security lock is 0000. Be sure to change the default password before placing the telephone in security mode. For details on the password setting, see TO CHANGE PASSWORD in Terminal Setup.

TIP When the password entry ends in failure, the following error message is issued. In that case, press ◉ or **OK** and retry.


Password Error.
Retry?

TIP After a third attempt (if incorrect password is entered three times consecutively), the following error message is issued. Press ◉ or **OK**. The telephone locks up, and any key operation will be disabled for 10 minutes. Wait for 10 minutes, make a retry. Please note emergency calls cannot be completed during the 10 minutes terminal lock out period.


Incorrect security code
password entered.

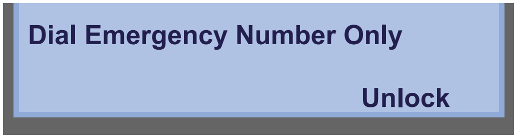
EMERGENCY CALL

The user can make a call to a predetermined emergency telephone number while the telephone is locked (in Security mode). This function is available on the telephone with **Security**.

Note The user can make an emergency call to only the predetermined number. For details on the setting of the emergency number, contact the system administrator.

Note When using Emergency Call, you can use the feature of the terminal in collaboration with a mobile phone until the terminal is placed in Security mode.

STEP 1: Lift the handset while the telephone is locked (the screen saver is activated).


Dial Emergency Number Only

Unlock

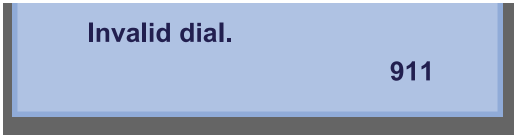
Note Emergency call cannot be made with **Speaker**.

TIP When pressing **Unlock**, the telephone prompts for the Security mode cancellation password.

STEP 2: Dial an emergency telephone number by pressing digit keys (0-9, *, #).

Note Emergency telephone number needs to be set in advance. For the setting of the emergency telephone numbers, contact the system administrator.

Note The user can make a call to only the predetermined number. When telephone numbers other than the predetermined emergency number are dialed, the following message appears (after a few seconds, the display goes back to ”Dial Emergency Number Only” screen).


Invalid dial.

911

STEP 3: After a conversation, replace the handset. The LCD turns to time display. (Security mode is released.)

Note When the user makes a call with emergency telephone number, the call will be back from the emergency telephone number and security lock will be released. The security lock will be set after 60 minutes from releasing security mode.

PHONEBOOK

There are two types of Phonebook features: System Phonebook and Local Phonebook.

System Phonebook

System Phonebook is used on a system basis. Up to 12000/60000 entries are available per system. The data entry is made by the Telephony Server Administrator.
Up to 32 digits can be registered for each dial number.
Up to 24 characters can be registered for each name.

Note To make the maximum number of Phonebook entries as 60000, SV9500 V2 or later is required. For details, please contact the system administrator.

Local Phonebook

Local Phonebook is used on a station basis. Up to 100 entries are available per station. You can make entries with key operation from the telephone.
Up to 32 digits can be registered for each dial number.
Up to 24 characters can be registered for each name.

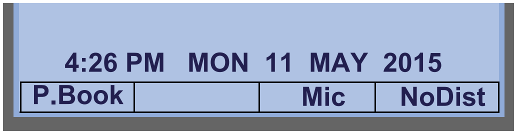
Note When the system administrator invalidates the Phonebook, this feature cannot be used. For details contact the system administrator.

• SYSTEM PHONEBOOK

To Search And Make A Call

Example: To Search For "NEC BNET".

STEP 1: Press **Pbook** while Station is in Idle state.



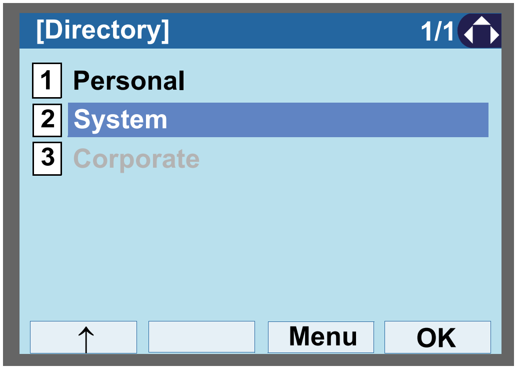
4:26 PM MON 11 MAY 2015

If Local Phonebook is enabled by the setting on the system side, go to STEP2.
If Local Phonebook is disabled by the setting on the system side, go to STEP 3.

- OR -

Display the **Menu** screen, and select **Directory**.

If Local Phonebook is enabled by the setting on the system side, go to STEP 2.
If Local Phone is disabled, the display changes as follows. In that case, select 2 **System** and go to STEP 3.

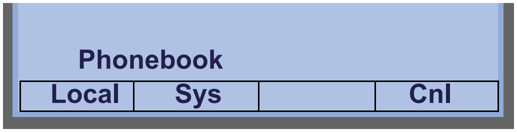

[Directory] 1/1

1 Personal

2 System

3 Corporate

STEP 2: Press **Sys**.


Phonebook

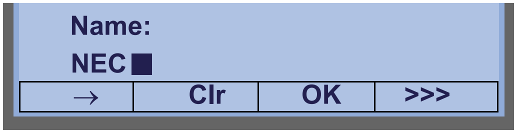
STEP 3: Enter a name and press ◎ (**Enter**) or **OK** to perform a search.

Ex. To enter "NEC":

Press ⑥ twice to enter "N".

Press ③ twice to enter "E".

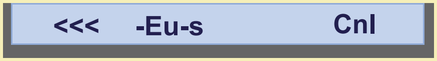
Press ② three times to enter "C".


Name:

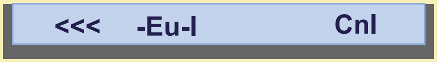
NEC■

TIP If ">>>" is pressed on the above screen, the following soft keys appear. Pressing ◎ or **Eu-s/Eu-l** shifts characters between uppercase and lowercase.

(Lower-case character)



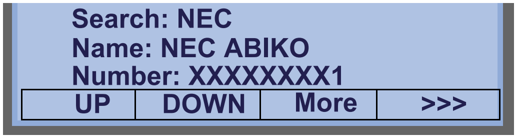
(Upper-case character)



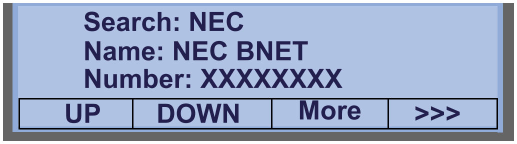
TIP To delete an entered character, press ◎ or **Clr**.

TIP To move the cursor one space to the right, press ◎ or "→" once

STEP 4: A result of the search is displayed. Press ◎ or **UP/DOWN** soft key to scroll the result.


Search: NEC
Name: NEC ABIKO
Number: XXXXXXXX1

STEP 5: The registered Phonebook data for "NEC BNET" appears. From this screen, you can make a call by going off-hook or pressing Speaker .


Search: NEC
Name: NEC BNET
Number: XXXXXXXX

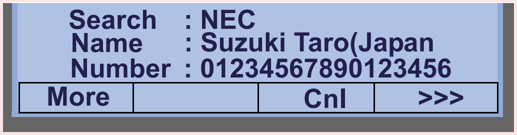
Note

More appears in Phonebook data screen when the number of characters (name) or digits (telephone number) are exceeding displayable limit (Up to 17 characters or digits can be displayed at a time). If the name or telephone number exceeds the displayable limit, press or **More** to display the last 17 characters/digits of the name/telephone number.

Example:

Name Suzuki Taro(JapanSumida) ← 24 characters

Number: 01234567890123456789 ← 20 digits

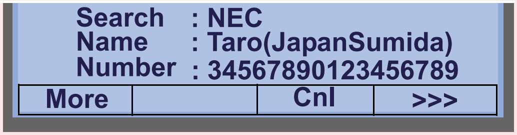


Search : NEC
Name : Suzuki Taro(Japan
Number : 01234567890123456

(Display area)

Name: Suzuki Taro(JapanSumida)

Number: 01234567890123456789



Search : NEC
Name : Taro(JapanSumida)
Number : 34567890123456789

(Display area)

Name: Suzuki Taro(JapanSumida)

Number: 01234567890123456789

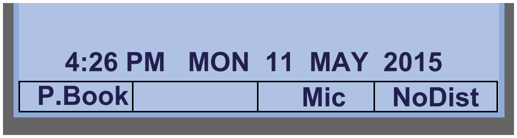
- **LOCAL PHONEBOOK**

To Add New Data

Example:

DT830G Station A registers “NEC” as new name and its Telephone Number.

STEP 1: Press **Pbook** or (**Directory**) while Station is in Idle state.

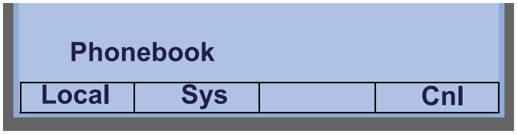


4:26 PM MON 11 MAY 2015

- OR -

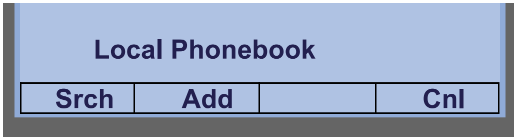
Display the **Menu** screen, and select **Directory**.

STEP 2: Press **Local**.



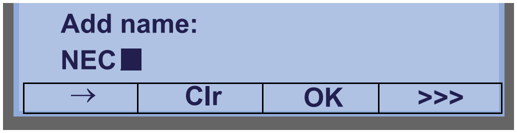
Phonebook

STEP 3: Local Phonebook screen appears. Press **Add**.


Local Phonebook
Srch | Add | | Cnl

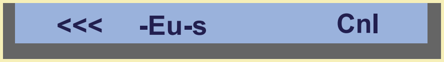
STEP 4: Enter a name and press (**Enter**) or **OK**.

Ex. To enter “NEC”:
Press ⑥ twice to enter “N”.
Press ③ twice to enter “E“.
Press ② three times to enter “C“.

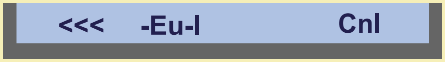

Add name:
NEC■
→ | Clr | OK | >>>

TIP If “>>>” is pressed on the above screen, the following soft keys appear. Pressing or **Eu-s**/**Eu-l** shifts characters between uppercase and lowercase.

(Lower-case character)


<<< -Eu-s Cnl

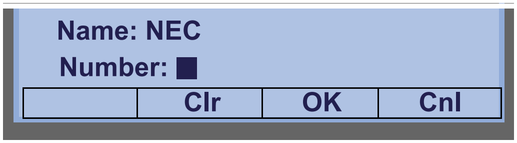
(Upper-case character)


<<< -Eu-l Cnl

TIP To delete an entered character, press or **Clr**.

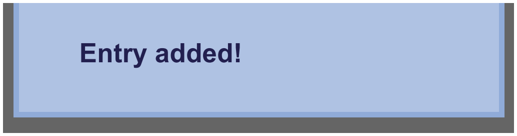
TIP To move the cursor one space to the right, press or “→” once

STEP 5: Enter the telephone number by using digit keys and press (**Enter**) or **OK**.


Name: NEC
Number: ■
| Clr | OK | Cnl

TIP To delete an entered character, press or **Clr**.

STEP 6: “NEC” and its telephone number has been added into Local Phonebook. Two seconds later, the display returns to Local Phonebook screen.

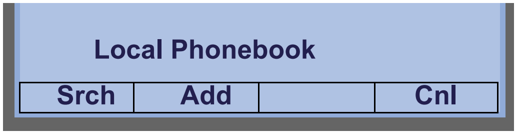

Entry added!

To Search For Name

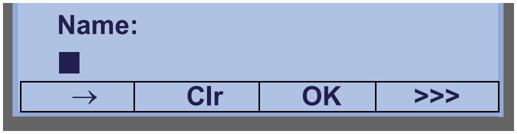
The procedure shown below is available in Local Phonebook.

<u>Example: To Find “NEC BNET”.</u>

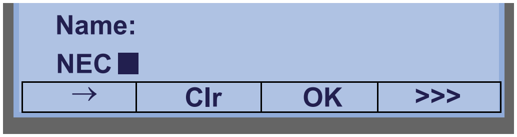
STEP 1: While Local Phonebook screen is displayed, press **Srch**. (If no data is registered in Local Phonebook, the message “Local Phonebook Empty” appears.)


Local Phonebook
Srch Add Cnl

STEP 2: Name Entry screen appears.

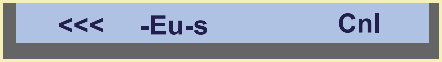

Name:
■
→ Clr OK >>>

STEP 3: Enter a name (in this example, “NEC” is entered) and press ◎ (**Enter**) or **OK**. (If no appropriate data exists, the message “Entry not found!” appears.)

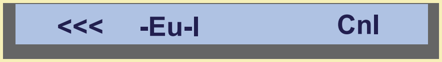

Name:
NEC ■
→ Clr OK >>>

TIP If “>>>” is pressed on the above screen, the following soft keys appear. Pressing ◎ or **Eu-s**/**Eu-l** shifts characters between uppercase and lowercase.

(Lower-case character)


<<< -Eu-s Cnl

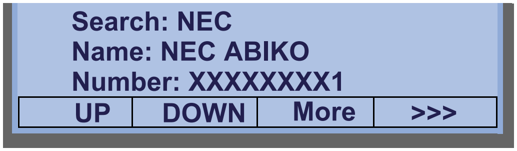
(Upper-case character)


<<< -Eu-l Cnl

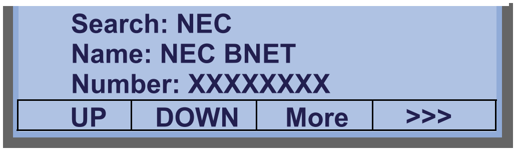
TIP To delete an entered character, press ◎ or **Clr**.

TIP To move the cursor one space to the right, press ◎ or “→” once

STEP 4: A result of the search is displayed. Press ◎ or **UP**/**DOWN** soft key to scroll the result.


Search: NEC
Name: NEC ABIKO
Number: XXXXXXXX1
UP DOWN More >>>

STEP 5: The registered data for “NEC BNET” appears.
From this screen, you can make a call by going off-hook or pressing Speaker key.

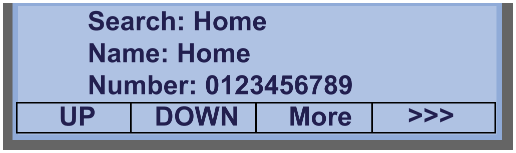

Search: NEC
Name: NEC BNET
Number: XXXXXXXX
UP DOWN More >>>

Note **More** appears in Phonebook data screen when the number of characters (name) or digits (telephone number) are exceeding displayable limit (Up to 17 characters or digits can be displayed at a time).
If the name or telephone number exceeds the displayable limit, press ◎ or **More** to display the last 17 characters/digits of the name/telephone number.

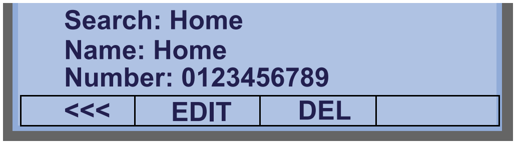
To Edit An Entry

Example:
To Modify Name “Home” to “House” and Telephone Number “0123456789” to “0123456712”.

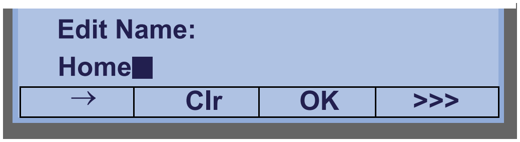
STEP 1: Press **>>>** twice while the target Phonebook data is displayed.


Search: Home
Name: Home
Number: 0123456789
UP | DOWN | More | >>>

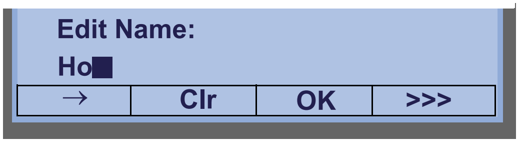
STEP 2: Press **EDIT** soft key.


Search: Home
Name: Home
Number: 0123456789
<<< | EDIT | DEL |

STEP 3: The following name edit screen appears.

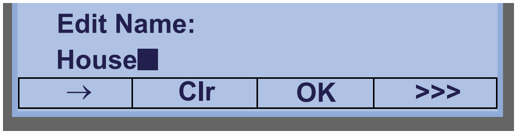

Edit Name:
Home■
→ | Clr | OK | >>>

STEP 4: Press ◀ or **Clr** soft key two times to erase “me”.


Edit Name:
Ho■
→ | Clr | OK | >>>

STEP 5: Enter “use” by using digit keys. After the modification has completed, press ● or **OK** soft key.

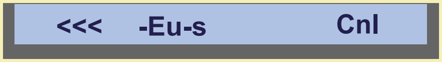
Press ⑧ key twice to enter “u”.
Press ⑦ key four times to enter “s“.
Press ③ key twice to enter “e“.


Edit Name:
House■
→ | Clr | OK | >>>

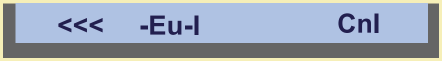
TIP

If “>>>” is pressed on the above screen, the following soft keys appear. Pressing ▲ or **Eu-s**/**Eu-l** shifts characters between uppercase and lowercase.

(Lower-case character)


<<< -Eu-s Cnl

(Upper-case character)


<<< -Eu-l Cnl

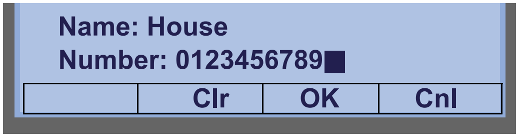
TIP

To delete an entered character, press ◀ or **Clr**.

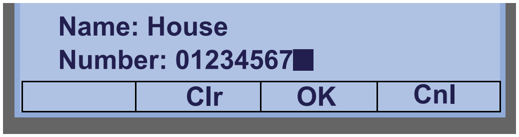
TIP

To move the cursor one space to the right, press ▶ or “→” once

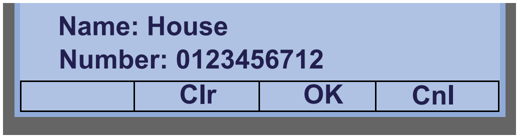
STEP 6: The following number edit screen appears.


Name: House
Number: 0123456789█

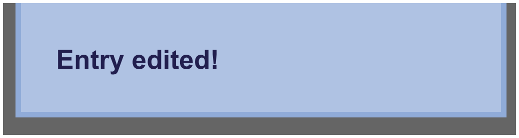
STEP 7: Press ◀ or **Clr** soft key twice to erase “89”.


Name: House
Number: 01234567█

STEP 8: Enter “12” by pressing digit keys and then press ● or **OK** soft key.

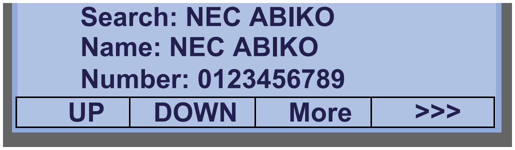

Name: House
Number: 0123456712

STEP 9: The data modification has completed. Two seconds later, the display returns to Local Phonebook screen.

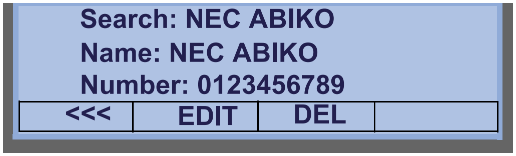

Entry edited!

To Delete A Record

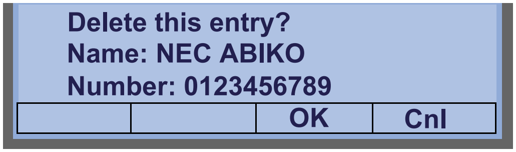
STEP 1: Press **>>>** soft key twice while the target Phonebook data is displayed.


Search: NEC ABIKO
Name: NEC ABIKO
Number: 0123456789

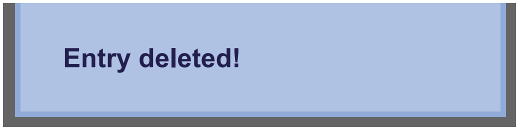
STEP 2: Press **DEL** soft key.


Search: NEC ABIKO
Name: NEC ABIKO
Number: 0123456789

STEP 3: Press ● or **OK** soft key to delete the currently displaying data.


Delete this entry?
Name: NEC ABIKO
Number: 0123456789

STEP 4: The data deletion has completed. Two seconds later, the display returns to Name Entry screen.

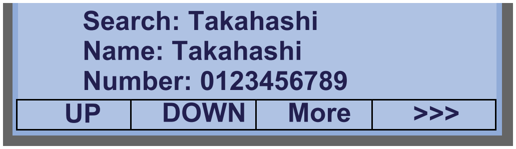

Entry deleted!

To Add A Prefix To Telephone Number

The procedure shown below is available in Local Phonebook.

Example:
To add a prefix “0184” in front of telephone number “0123456789”

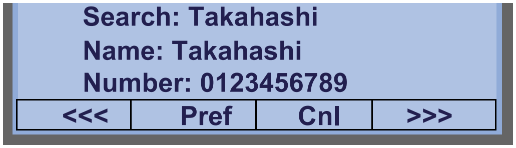
STEP 1: Press **>>>** soft key while the target Phonebook data is displayed.



Search: Takahashi
Name: Takahashi
Number: 0123456789

UP	DOWN	More	>>>

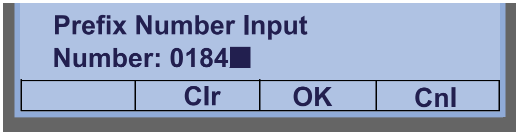
STEP 2: Press **Pref** soft key.



Search: Takahashi
Name: Takahashi
Number: 0123456789

<<<	Pref	Cnl	>>>

STEP 3: Enter a prefix (In this example, “0184” is entered) by using digit keys and press ◉ or **OK** soft key.

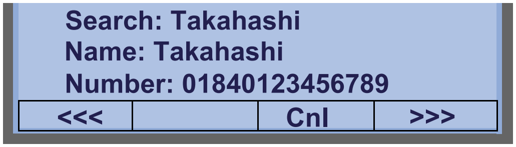


Prefix Number Input
Number: 0184■

	Clr	OK	Cnl

TIP To delete an entered character, press ◉ or **Clr**.

STEP 4: The prefix is added in front of the telephone number. Once the prefix is added, **Pref** soft key will disappear.



Search: Takahashi
Name: Takahashi
Number: 01840123456789

<<<		Cnl	>>>

Note **More** appears in Phonebook data screen when the number of characters (name) or digits (telephone number) are exceeding displayable limit (Up to 17 characters or digits can be displayed at a time).
If the name or telephone number exceeds the displayable limit, press ◉ or **More** to display the last 17 characters/digits of the name/telephone number.

Available Characters In Local Phonebook

The following tables show available characters in Local Phonebook.

UPPERCASE CHARACTER

Digit Code	1	2	3	4	5	6	7	8	9	0	∗	#
Character	.	A	D	G	J	M	P	T	W	SP	∗	#
	,	B	E	H	K	N	Q	U	X	0		
	:	C	F	I	L	O	R	V	Y			
	!	À	È	Ì	5	Ñ	S	Ù	Z			
	?	Á	É	Í		Ò	β	Ú	9			
	-	Â	Ê	Î		Ó	7	Û				
	+	Ã	Ë	Ï		Ô		Ü				
	%	Ä	3	4		Õ		8				
	&	Å				Ö						
	/	Æ				Œ						
	(	Ç				Ø						
	)	2				6						
	=											
	¿											
	¡											
	1											

SP: Blank Space

LOWERCASE CHARACTER

Digit Code	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**0**	**∗**	**#**
Character	.	a	d	g	j	m	p	t	w	SP	∗	#
	,	b	e	h	k	n	q	u	x	0		
	:	c	f	i	l	o	r	v	y			
	!	à	è	ì	5	ñ	s	ù	z			
	?	á	é	í		ò	β	ú	9			
	:	â	ê	î		ó	7	û				
	\	ä	ë	ï		ô		ü				
	“	å	3	4		õ		8				
	@	æ				ö						
	1	ç				6						
		2										

SP: Blank Space

CALL HISTORY

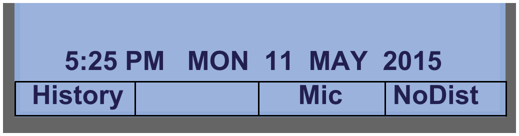
There are two types of Call History features. One is the history data that is stored in the system memory, and the other is the history data that is stored in the memory of the telephone (see 6.CALL HISTORY OPERATION).

The following describes the operating procedures for the Call History feature which controlled by the system. This Call History feature can store up to 20 records. If exceeding 20 records, a record will be deleted in order of occurrence. Also, this Call History feature can store up to 32 digits of dial number and 16 characters of name information per record.

Note If the system administrator invalidates the Call History, this feature cannot be used. For details, contact the system administrator.

To View Call History

STEP 1: Press **iCall** or **Call History** while the current time is displayed on LCD.



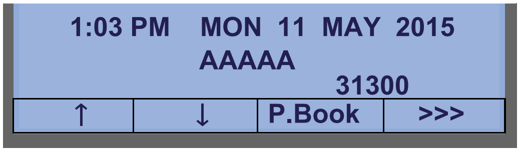
5:25 PM MON 11 MAY 2015

History | | Mic | NoDist

- OR -

STEP 1: Display the **Menu** screen, and select **History.**

STEP 2: The history data of the last received call is displayed.



1:03 PM MON 11 MAY 2015

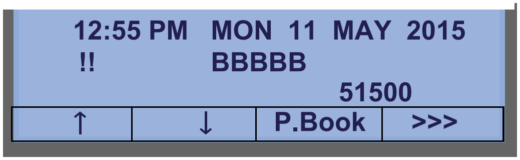
AAAAA

31300

↑ | ↓ | P.Book | >>>

TIP If no history data is saved, "NO LIST" will be displayed on LCD.

STEP 3: Press or **UP/DOWN** soft key to display a desired history data.



12:55 PM MON 11 MAY 2015

!! BBBBB

51500

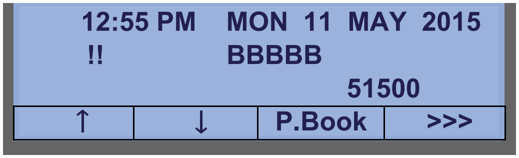
↑ | ↓ | P.Book | >>>

TIP Call History will display “!!” for an unanswered incoming call.

TIP If the calling party information is not notified, Call History will display “----” to the history data.

To Make A Call From Call History

STEP 1: Display the history data of the target party.



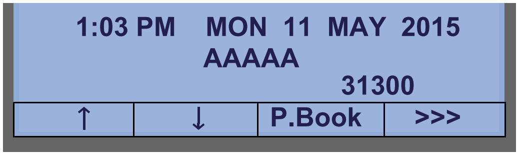
```
12:55 PM    MON  11  MAY  2015
!!          BBBBB
                        51500
  ↑    |   ↓   | P.Book | >>>
```

STEP 2: Go off-hook or press Speaker key, ◉, or **OK** to make a call to the displayed party.

Note While the history data is displayed, the user cannot make a call by dialing a telephone number.

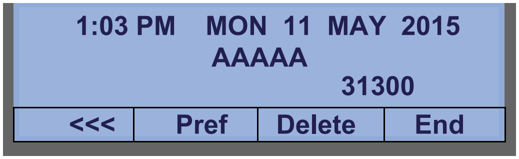
To Make A Call With Prefix

STEP 1: Press **>>>** while the history data to which you want to add a prefix is displayed.



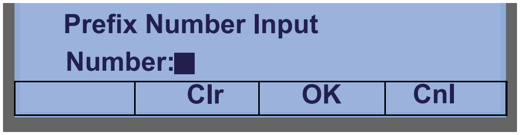
```
1:03 PM    MON  11  MAY  2015
           AAAAA
                       31300
  ↑    |   ↓   | P.Book | >>>
```

STEP 2: Press **Pref**.



```
1:03 PM    MON  11  MAY  2015
            AAAAA
                       31300
  <<<  | Pref  | Delete | End
```

STEP 3: Enter a prefix by using the digit keys. In this example, "012345" is entered. After entering the prefix, press ◉ (**Enter**) or **OK**.



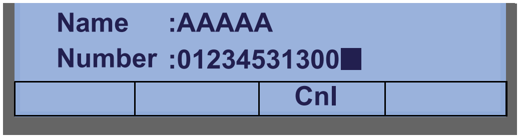
```
Prefix Number Input
Number:■
       |  Clr  |  OK  |  Cnl
```

Note A maximum of 10 digits (0-9, * and #) can be set as a prefix.

Note When prefix is added, up to 32 digits including the prefix can be sent as dial number.

TIP To delete an entered character, press ◀ or **Clr**.

STEP 4: If the call history data has name information, the name is displayed as follows:



```
Name     :AAAAA
Number  :01234531300■
       |       |  Cnl  |
```

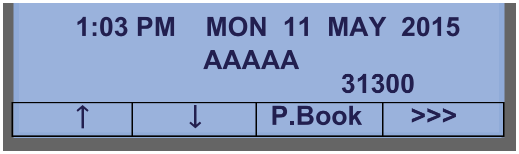
Note **More** appears in Phonebook data screen when the number of characters (name) or digits (telephone number) are exceeding displayable limit (Up to 17 characters or digits can be displayed at a time).

If the name or telephone number exceeds the displayable limit, press ◀ or **More** to display the last 17 characters/digits of the name/telephone number.

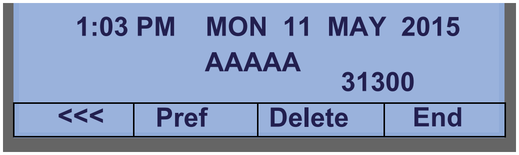
STEP 5: Go off-hook or press Speaker to make a call to the displayed telephone number.

To Delete Specific Data

STEP 1: Press **>>>** while the history data which you want to delete is displayed.


1:03 PM MON 11 MAY 2015
AAAAA
31300

STEP 2: Press **DEL**.

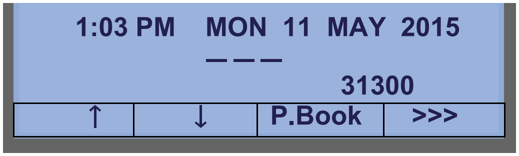

1:03 PM MON 11 MAY 2015
AAAAA
31300

TIP If you want to exit Call History, press **End**.

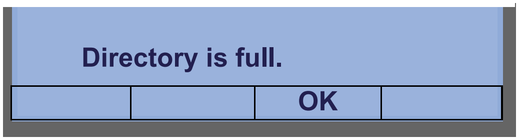
To Add Call History Data To Local Phonebook

TIP The Call History data stored on the system can be added to Phonebook (controlled by the system) only. The data cannot be added to the Personal Directory (described in 5.DIRECTORY OPERATION) controlled by the telephone.

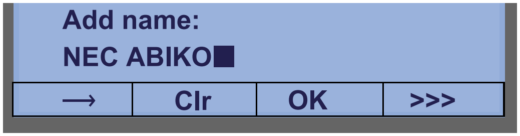
STEP 1: Press **Pbook** or **Phonebook** while the history data of the target party is displayed.


1:03 PM MON 11 MAY 2015
– – –
31300

TIP Local Phonebook feature allows the user to register up to 100 records. If exceeding 100 records at this point, the error message shown below appears. Press **OK** to go back to the previous display.


Directory is full.

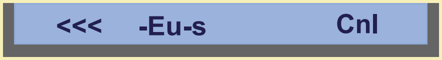
STEP 2: Enter a desired name, and press **OK**.
(In this example, “NEC ABIKO” is entered.)


Add name:
NEC ABIKO■

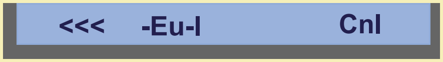
TIP If name information is stored on the call history, the name is displayed.

TIP If “>>>” is pressed on the above screen, the following soft keys appear. Pressing ✥ or **Eu-s**/**Eu-l** shifts characters between uppercase and lowercase.

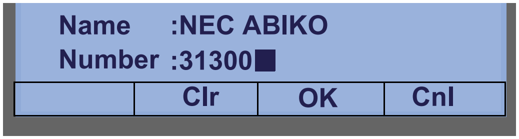
(Lower-case character)



(Upper-case character)



STEP 3: The telephone number stored on the call history is displayed. The telephone number can be changed if necessary. Press **OK** to add the displayed data to Local Phonebook.



Name :NEC ABIKO
Number :31300█

5. DIRECTORY OPERATION

This chapter explains Personal Directory of DT830G. By using Personal Directory, you can make a call with simple operation.

Personal Directory function can register up to 500 entries (four telephone numbers per entry). You can add/view/edit/delete these entries.

TO ADD NEW DATA

STEP 1: Display the **Menu** screen, and select **Directory**.

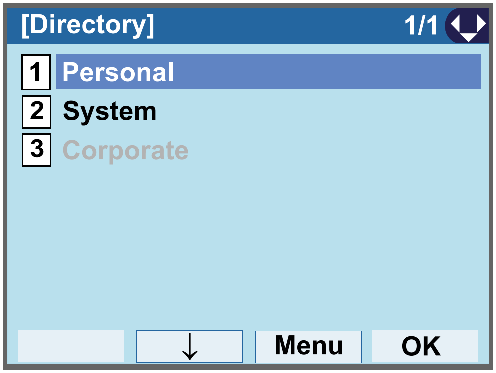
OR

Press (**Directory**). The **Directory** screen shown at STEP 3 can be directly displayed.

STEP 2: Choose 1 **Personal**.

Select an item by one of the following operations.

- Highlight an item by using or **UP/DOWN** soft key, and press , or **OK**.
- Press ①.

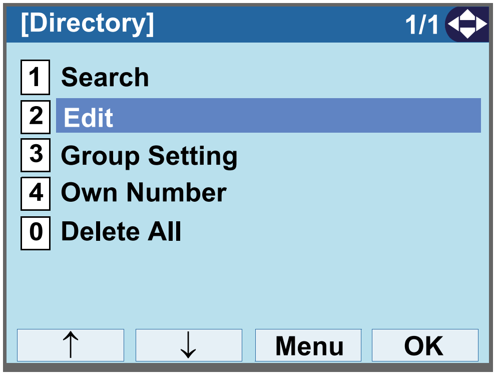


Note When using Phonebook feature is disabled by the setting on the system, this screen will not be displayed. In that case, skip this step.

STEP 3: Select 2 **Edit.**

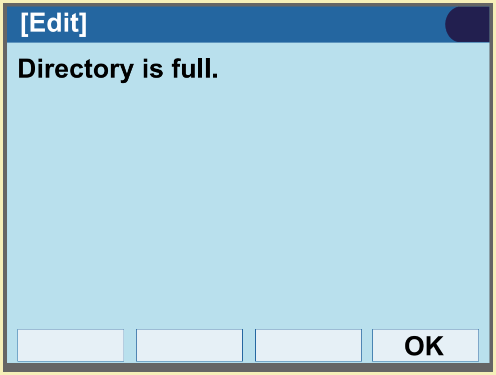
Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ②.



TIP

If the Personal/Terminal directory contains 500 entries, the following screen appears.



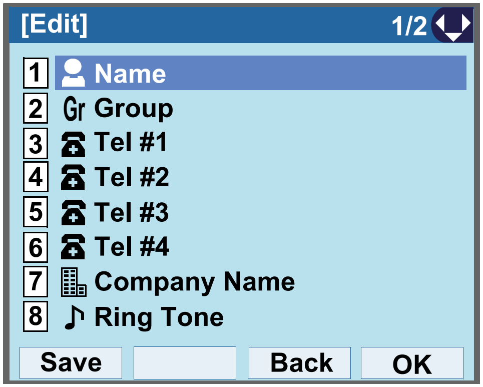
Directory is full.

To go back to the Directory screen, press ◎ or **OK**, and delete some entries from 1 **Search.**

STEP 4: Select 1 **Name.**

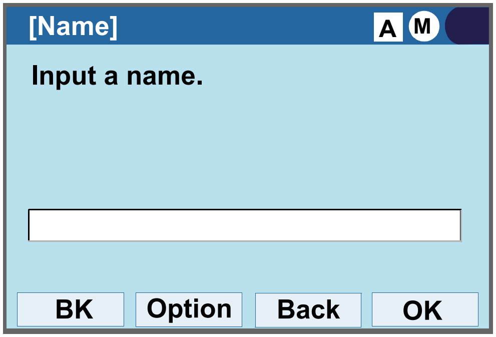
Select an item by one of the following operations.

- Highlight an item by using ◎, and press ◎, ◎ or **OK**.
- Press ①.



STEP 5: Enter a name to be registered in directory.

Enter a name by using digits keys. After entering the name, press ◉ or **OK**.



[Name]

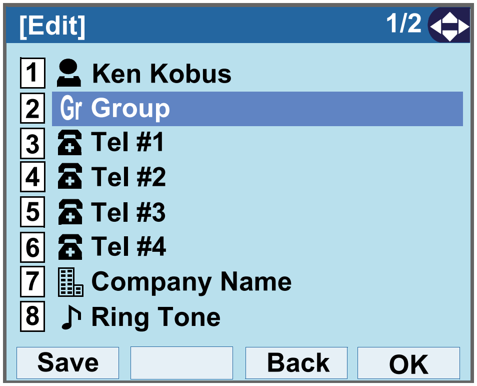
Input a name.

Note Up to 32 characters can be entered as a group name. For details on character entry method, see HOW TO INPUT CHARACTERS.

STEP 6: The display goes back to the **Edit** screen. Select $\boxed{2}$ **Group**.

Select an item by one of the following operations.

- Highlight an item by using ◉, and press ◉, ◉ or **OK**.
- Press ②.



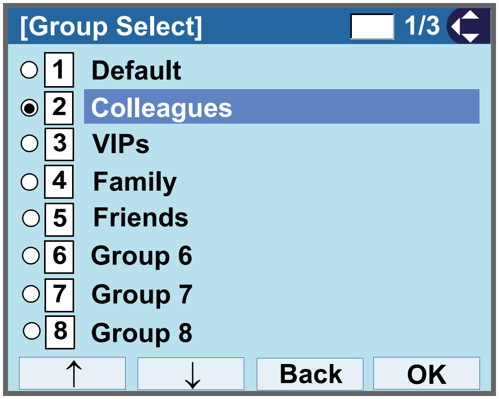
[Edit]

STEP 7: Select a desired group.

Select an item by one of the following operations.

- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉ or **OK**.
- Press the digit key of desired number, and press ◉ or **OK**.

In this example, $\boxed{2}$ **Colleagues** is selected.

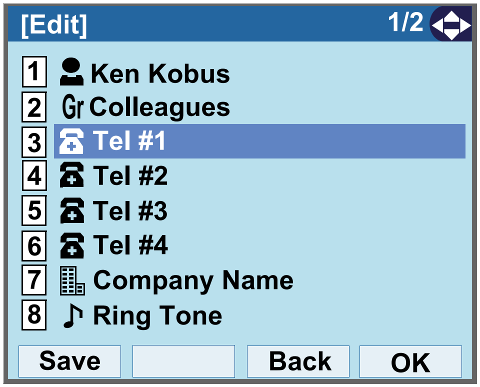


Note Each group name can be changed from the Group Setting screen. For details, see TO CHANGE GROUP NAME.

STEP 8: Select 3 **Tel #1**.

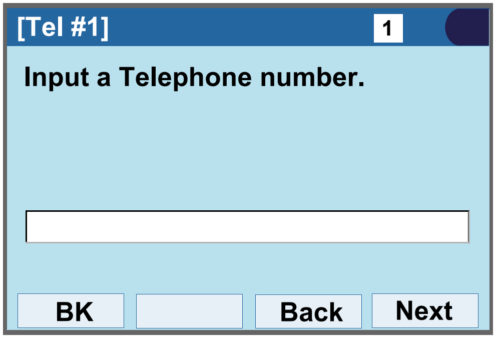
Select an item by one of the following operations.

- Highlight an item by using ◎, and press ◎, ◎ or **OK**.
- Press ③.



STEP 9: Enter a telephone number to be registered in directory.

Enter a telephone number by using digits keys. After entering the telephone number, press ◎ or **Next**.

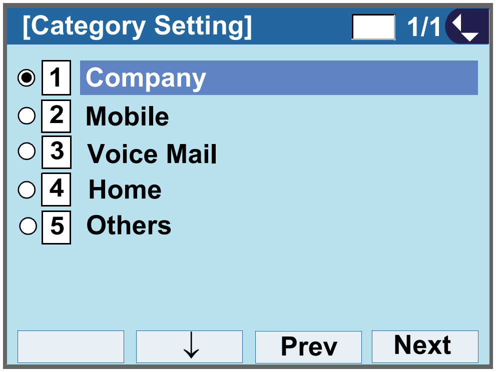


STEP 10:Select a Category to which the entered telephone number belongs.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎ or **Next**.
- Press ⓪ - ⑤, and press ◎ or **Next**.

In this example, 1 **Company** is selected.



Selectable categories are as follows:

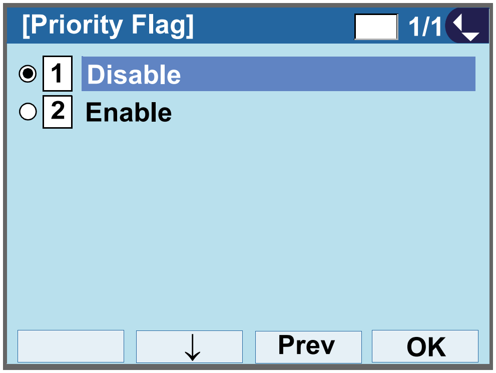
Category	ICON
Company	🏢
Mobile	📱
Voice Mail	VM
Home	🏠
Others	etc

STEP 11:Choose either 1 **Disable** or 2 **Enable**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎ or **OK**.
- Press ① or ②, and press ◎ or **OK**.

A maximum of four telephone numbers can be set to an entry. If 2 **Enable** is selected here, the telephone number which is being edited will be given top priority. In that case, the telephone number is automatically selected when you make a call without specifying a specific telephone number.


[Priority Flag] 1/1

● 1 Disable

○ 2 Enable

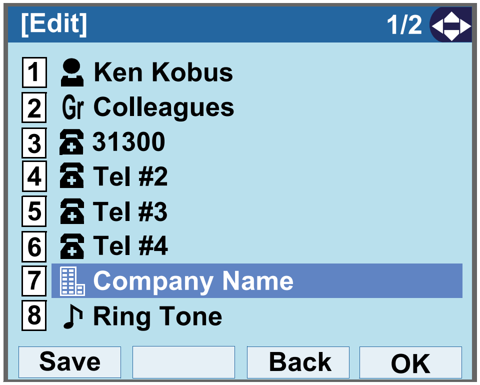
STEP 12:The display goes back to the **Edit** screen again. Select 7 **Company Name**.

Select an item by one of the following operations.

- Highlight an item by using ◎, and press ◎, ◎ or **OK**.
- Press ⑦.

Note A maximum of four telephone numbers can be set to an entry. If two or more telephone numbers are required to be set, set the remaining telephone numbers to Tel #2 - Tel #4.

Note If multiple telephone numbers are registered to an entry and Priority Flag is disabled to all of the telephone numbers, the telephone number set to Tel #1 is automatically set as first priority number.

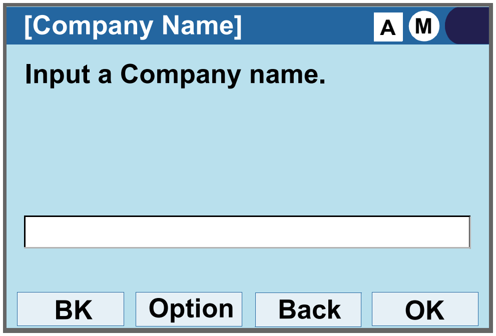


[Edit] 1/2

1 Ken Kobus
2 Gr Colleagues
3 31300
4 Tel #2
5 Tel #3
6 Tel #4
7 Company Name
8 ♪ Ring Tone

STEP 13:Enter a company name.

Enter a company name by using digits keys. After entering the company name, press ◉ or **OK**.



[Company Name] A M

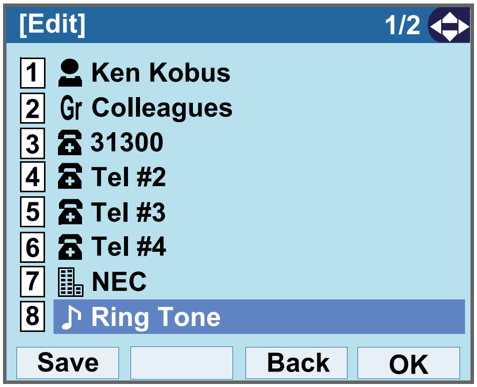
Input a Company name.

Note Up to 32 characters can be entered as a company name. For details on character entry method, see HOW TO INPUT CHARACTERS.

STEP 14:The display goes back to the **Edit** screen. Select 8 **Ring Tone**.

Select an item by one of the following operations.

- Highlight an item by using ◉, and press ◉, ◉ or **OK**.
- Press ⑧.



[Edit] 1/2

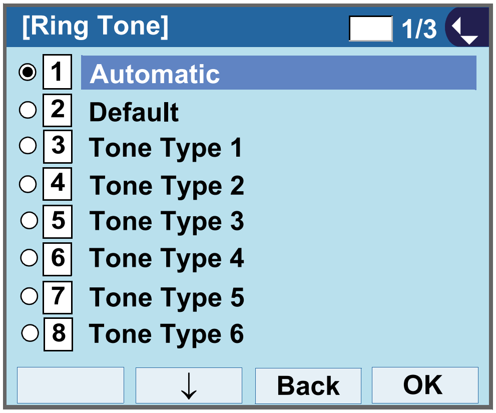
1 Ken Kobus
2 Gr Colleagues
3 31300
4 Tel #2
5 Tel #3
6 Tel #4
7 NEC
8 ♪ Ring Tone

STEP 15:Select a desired Ringing Tone.

Select an item by one of the following operations.

- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉ or **OK**.
- Press the digit key of desired number, and press ◉ or **OK**.

For example, press ① + ⑦ to select 17 **Download1**.



[Ring Tone] 1/3

- ● 1 Automatic
- ○ 2 Default
- ○ 3 Tone Type 1
- ○ 4 Tone Type 2
- ○ 5 Tone Type 3
- ○ 6 Tone Type 4
- ○ 7 Tone Type 5
- ○ 8 Tone Type 6

Note You can set ringer tone for calls routed from the specific name (calling party) here. Ringer Tone type can be set for “Name”, “Group” and “Telephone set”. The ringer Tone type set for “Name” has higher priority than the types set for “Group” and “Terminal set”.

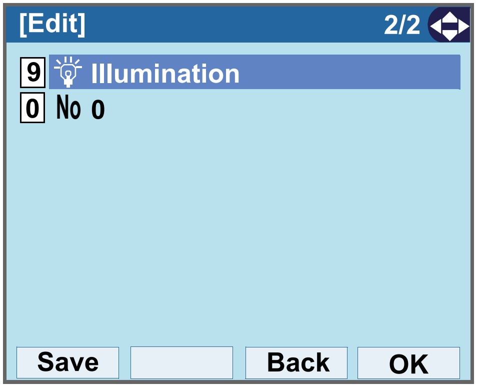
Note Set **Default** when you don’t want to change the ringer tone here. The setting for “Group” or “Telephone set” is applied. Also, when **Automatic** is set, **Tone Type 1** is automatically applied.

TIP For details on each ringer tone type, see TO SET RINGER TONE.

STEP 16:The display goes back to the **Edit** screen. Select 9 **Illumination.**

Select an item by one of the following operations.

- Highlight an item by using ◎, and press ◎, ◎ or **OK**.
- Press ⑨.



[Edit] 2/2

9 Illumination

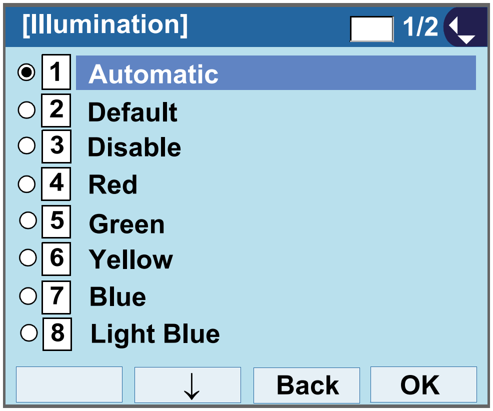
0 No 0

STEP 17:Select a desired color of the Call Indication lamp.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎ or **OK**.
- Press the digit key of desired number, and press ◎ or **OK**.

For example, press ① + ⓪ to select 10 **White**.



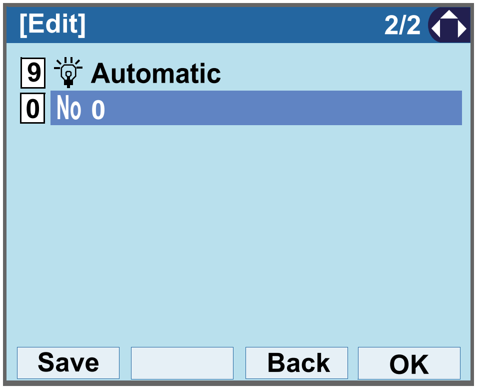
[Illumination] 1/2

- ● 1 Automatic
- ○ 2 Default
- ○ 3 Disable
- ○ 4 Red
- ○ 5 Green
- ○ 6 Yellow
- ○ 7 Blue
- ○ 8 Light Blue

Note You can set illumination type for calls routed from the specific name (calling party) here. Illumination type can be set for "Name", "Group" and "Telephone set". The illumination type set for "Name" has higher priority than the types set for "Group" and "Terminal set".

Note Set **Default** when you don’t want to change the illumination type here. The setting for “Group” or “Telephone set” is applied. Also, when **Automatic** is set, **Red** is automatically applied.

STEP 18:The display goes back to the **Edit** screen. Check the memory number assigned to the directory data being edited.



[Edit] 2/2

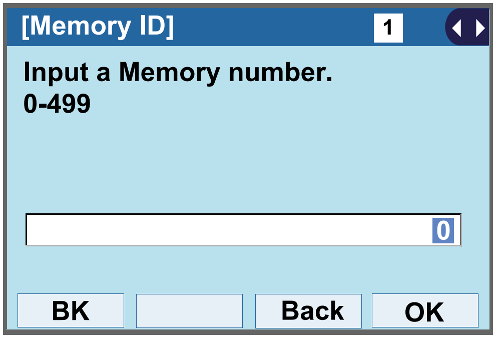
9 Automatic

0 No 0

TIP A memory number is automatically set in ascending numeric order.

STEP 19:If you need to assign a memory number manually, select 0 **Memory ID** on the screen of the previous step, and enter a desired memory number (0 - 499).

Enter a memory number by using digits keys. After entering the memory number, press ◉ or **OK**.



[Memory ID] 1

Input a Memory number.
0-499

0

STEP 20:When the display goes back to the **Edit** screen, press **Save** to save the assigned data.

STEP 21:“The data is registered at memory number: XX” is displayed. Press ◉ or **OK**. The display returns to the **Directory** screen.

TIP If Name is not entered, “No Input Name” will appear. Name information is required for a entry.

TIP If a duplicate Memory ID is entered, “It will overwrite a data at memory number:XX” will appear. If you do not overwrite the Memory ID, press **Back**. If you overwrite the Memory ID, press ◉ or **OK**.

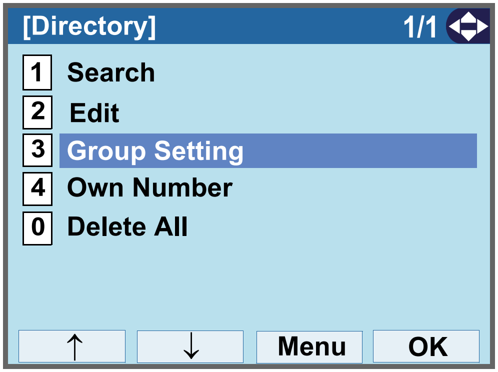
TO CHANGE GROUP NAME

STEP 1: Open the **Directory** screen (see TO ADD NEW DATA: STEP1 - STEP3.)

STEP 2: On the **Directory** screen, select 3 **Group Setting.**

Select an item by one of the following operations.

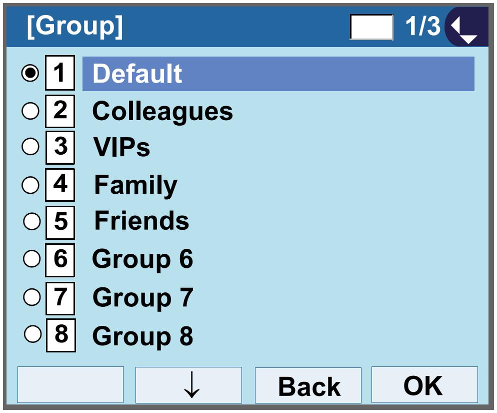
- Highlight an item by using ⊙ or **UP/DOWN** soft key, and press ⊙, ⊙ or **OK**.
- Press ③.



STEP 3: Select a group name to be changed.

In this example, 1 **Default** is selected.
Select an item by one of the following operations.

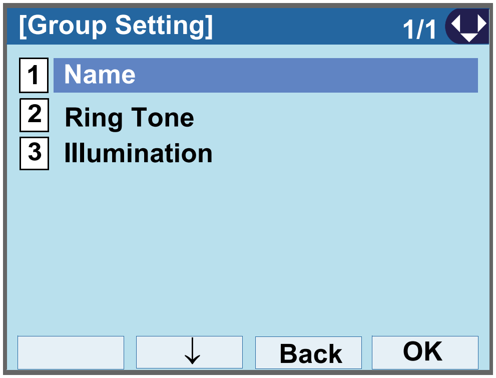
- Highlight an item by using ⊙ or **UP/DOWN** soft key, and press ⊙ or **OK**.
- Press ①, and press ⊙ or **OK**.



STEP 4: Select 1 **Name.**

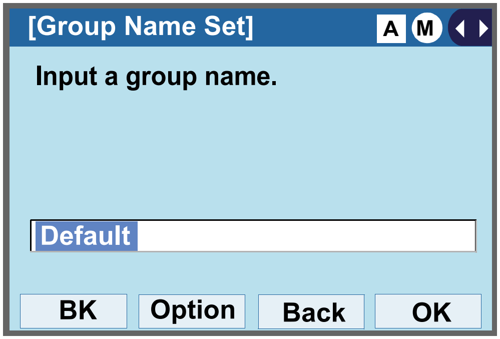
Select an item by one of the following operations.

- Highlight an item by using ⊙ or **UP/DOWN** soft key, and press ⊙, ⊙ or **OK**.
- Press ①.



STEP 5: Enter a new group name.

Enter a group name by using digits keys. After entering the group name, press ◉ or **OK**.



Input a group name.

Default

Note Up to 32 characters can be entered as a group name. For details on character entry method, see HOW TO INPUT CHARACTERS.

STEP 6: Display returns to the **Group** screen. Make sure that the new group name takes effect.

Note You can set ringer tone (→ select 2 Ring Tone) and illumination types (→ select 3 Illumination) for calls routed from the specific group here.

Ringer tone and illumination types can be set for “Name”, “Group” and “Telephone set”. The ringer tone and illumination types set for “Name” have higher priority than the types set for Group and Telephone set.

Also, the ringer tone and illumination types for Group have higher priority than the types set for Terminal set.

TO FIND A REGISTERED DATA

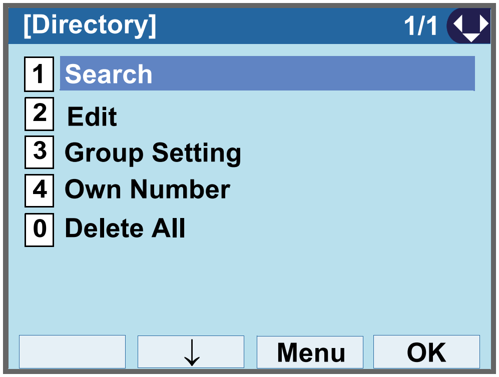
• To Search by Group Name

STEP 1: Open the **Directory** screen (see TO ADD NEW DATA: STEP1 - STEP3.)

STEP 2: On the **Directory** screen, select 1 **Search**.

Select an item by one of the following operations.

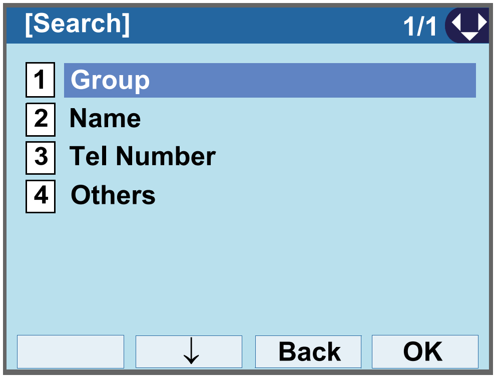
- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ①.



STEP 3: Select 1 **Group**.

Select an item by one of the following operations.

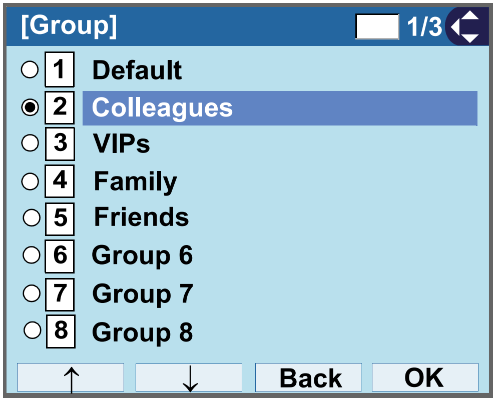
- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ①.



STEP 4: Select a target group.

In this example, 2 **Colleagues** is selected.
Select an item by one of the following operations.

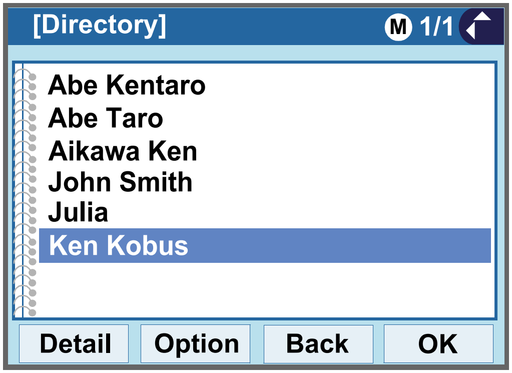
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎ or **OK**.
- Press ②, and press ◎ or **OK**.



STEP 5: Select a target name by pressing ◎.

In the following **Directory (Name List)** screen, you can make a call to the selected party by pressing ◎ or **Call**.

If two or more telephone numbers are assigned to an entry, a top priority telephone number will be dialed.

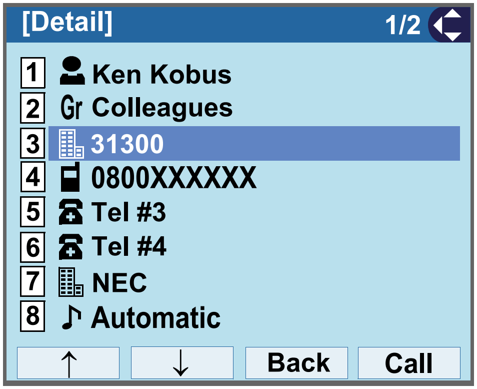


TIP If no entry is set to the selected group, "No data" is issued on the screen.

STEP 6: To display the detailed data for a specific name, press **Detail** while the name is highlighted.

Note If two or more telephone numbers are assigned to an entry, a top priority telephone number is automatically selected when the Detail screen appears.

In the following **Detail** screen, you can make a call to the selected number by pressing ◉ or **Call**.



[Detail] 1/2

1 Ken Kobus
2 Gr Colleagues
3 31300
4 0800XXXXXX
5 ☎ Tel #3
6 ☎ Tel #4
7 NEC
8 ♪ Automatic

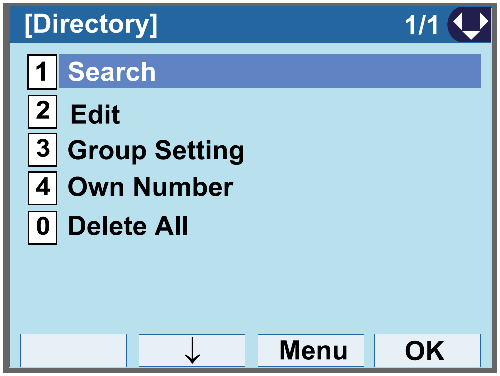
• To Search by Name

STEP 1: Open the **Directory** screen (see TO ADD NEW DATA: STEP1 - STEP3.)

STEP 2: On the **Directory** screen, select 1 **Search**.

Select an item by one of the following operations.

- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ①.



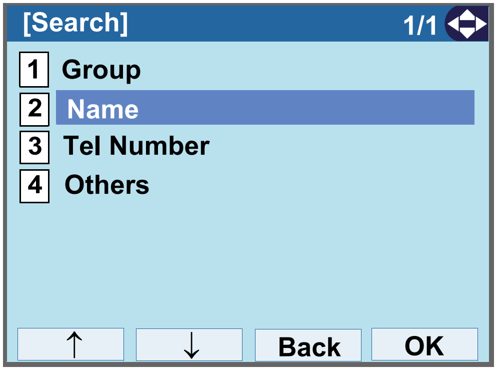
[Directory] 1/1

1 Search
2 Edit
3 Group Setting
4 Own Number
0 Delete All

STEP 3: Select 2 **Name.**

Select an item by one of the following operations.

- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ②.

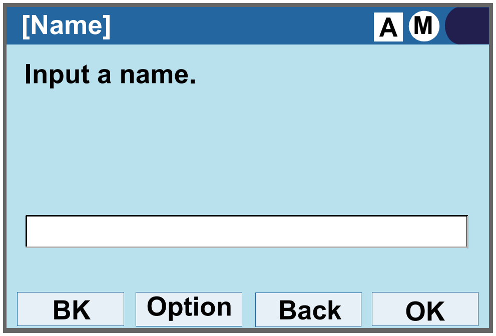


[Search] 1/1

1 Group
2 Name
3 Tel Number
4 Others

STEP 4: Enter a target name.

After entering the name, press ◉ or **OK**.



Input a name.

Note A distinction is made between upper case and lower case characters, according as the system settings. For example, "Ken Kobus" and "ken kobus" are distinguished as different character strings. For details, contact the System Administrator.

Note A blank space is also distinguished while searching database for a name.

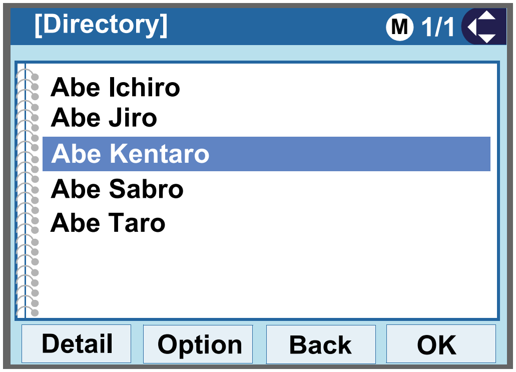
Note Up to 32 characters can be entered as a company name. For details on character entry method, see HOW TO INPUT CHARACTERS.

TIP Even if the name is not entered to the end, you can search for a name.

TIP If there is no entry corresponding to the entered name, "No data" is issued on the screen.

STEP 5: Select a target name by pressing ⊙.

In the following **Directory (Name List)** screen, you can make a call to the selected party by pressing ⊙ or **Call**. If two or more telephone numbers are assigned to an entry, a top priority telephone number will be dialed.

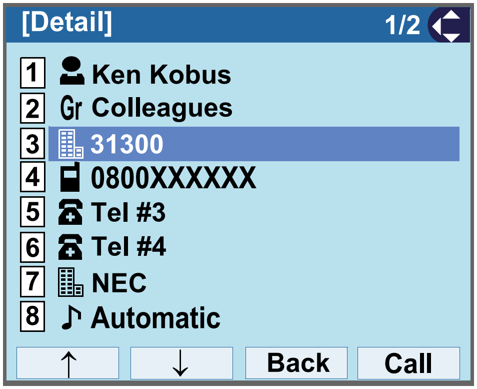


Abe Ichiro
Abe Jiro
Abe Kentaro
Abe Sabro
Abe Taro

STEP 6: To display the detailed data for a specific name, press **Detail** while the name is highlighted.

Note If two or more telephone numbers are assigned to an entry, a top priority telephone number is automatically selected when the Detail screen appears.

In the following **Detail** screen, you can make a call to the selected number by pressing ⊙ or **Call**.



1 Ken Kobus
2 Gr Colleagues
3 31300
4 0800XXXXXX
5 ☎ Tel #3
6 ☎ Tel #4
7 NEC
8 ♪ Automatic

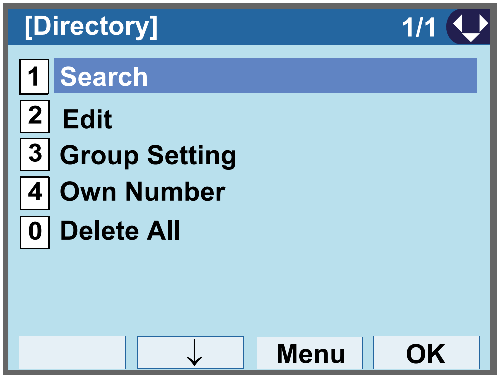
• To Search by Telephone Number

STEP 1: Open the **Directory** screen (see TO ADD NEW DATA: STEP1 - STEP3.)

STEP 2: On the **Directory** screen, select 1 **Search**.

Select an item by one of the following operations.

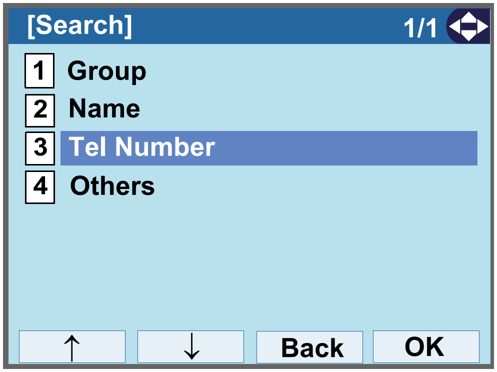
- Highlight an item by using ⇕ or **UP/DOWN** soft key, and press ◉, ▶ or **OK**.
- Press ①.



STEP 3: Select 3 **Tel Number**.

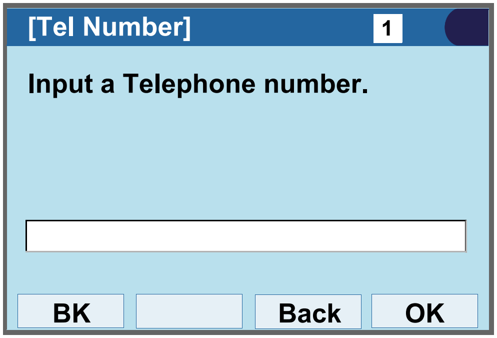
Select an item by one of the following operations.

- Highlight an item by using ⇕ or **UP/DOWN** soft key, and press ◉, ▶ or **OK**.
- Press ③.



STEP 4: Enter a target telephone number.

After entering the number, press ◉ or **OK**.



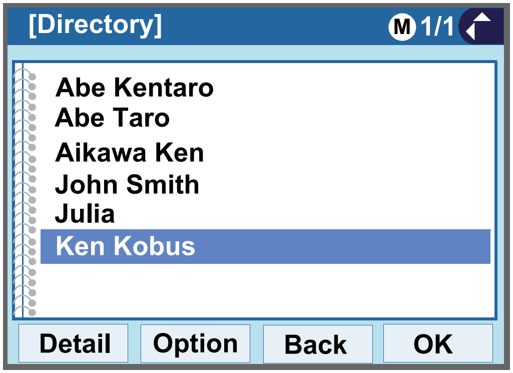
Input a Telephone number.

TIP	Even if the telephone number is not entered to the end, you can search for a telephone number.

STEP 5: Select a target name by pressing .

In the following **Directory (Name List)** screen, you can make a call to the selected party by pressing or **Call**.

If two or more telephone numbers are assigned to an entry, a top priority telephone number will be dialed.


[Directory] M 1/1

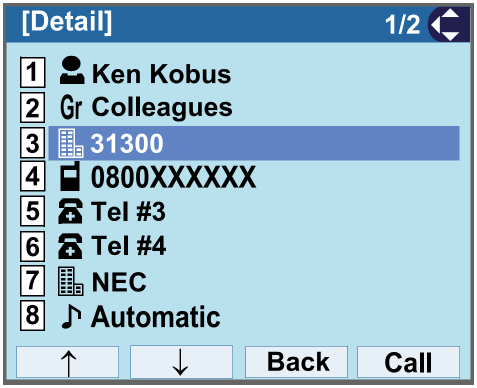
Abe Kentaro
Abe Taro
Aikawa Ken
John Smith
Julia
Ken Kobus

TIP If there is no entry corresponding to the entered number, "No data" is issued on the screen.

STEP 6: To display the detailed data for a specific name, press **Detail** while the name is highlighted.

Note If two or more telephone numbers are assigned to an entry, a top priority telephone number is automatically selected when the Detail screen appears.

In the following **Detail** screen, you can make a call to the selected number by pressing or **Call**.


[Detail] 1/2

1 Ken Kobus
2 Gr Colleagues
3 31300
4 0800XXXXXX
5 Tel #3
6 Tel #4
7 NEC
8 ♪ Automatic

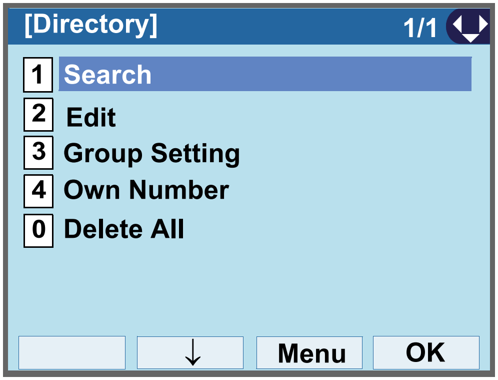
• To Search by Memory ID

STEP 1: Open the **Directory** screen (see TO ADD NEW DATA: STEP1 - STEP3.)

STEP 2: On the **Directory** screen, select 1 **Search.**

Select an item by one of the following operations.

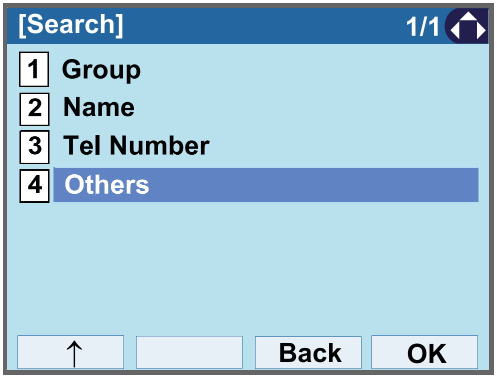
- Highlight an item by using ⊙ or **UP/DOWN** soft key, and press ⊙, ⊙ or **OK**.
- Press ①.



STEP 3: Select 4 **Others.**

Select an item by one of the following operations.

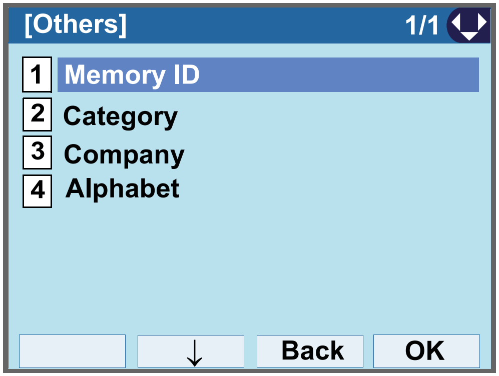
- Highlight an item by using ⊙ or **UP/DOWN** soft key, and press ⊙, ⊙ or **OK**.
- Press ④.



STEP 4: Select 1 **Memory ID.**

Select an item by one of the following operations.

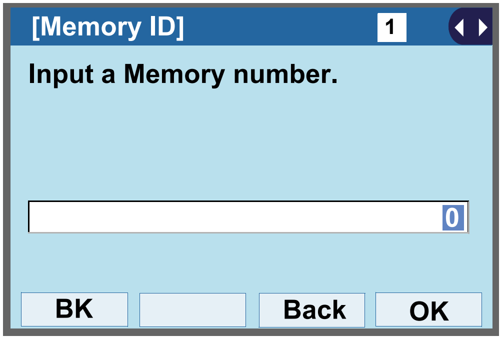
- Highlight an item by using ⊙ or **UP/DOWN** soft key, and press ⊙, ⊙ or **OK**.
- Press ①.



STEP 5: Enter a memory number (0-499).

After entering the memory number, press ⊙ or **OK**.

The list of memory numbers will be displayed, with the entered memory number or the number closest to the entered number in front.


[Memory ID] 1

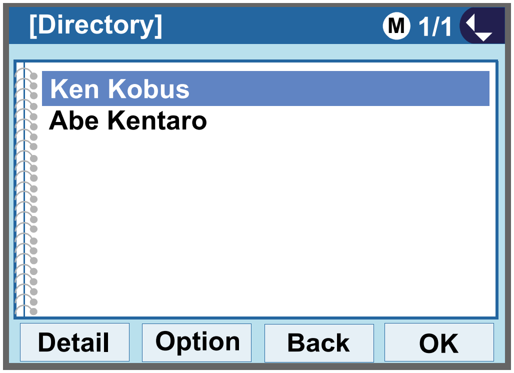
Input a Memory number.

0

STEP 6: Select a target name by pressing .

In the following **Directory (Name List)** screen, you can make a call to the selected party by pressing or **Call**.

If two or more telephone numbers are assigned to an entry, a top priority telephone number will be dialed.


[Directory] M 1/1

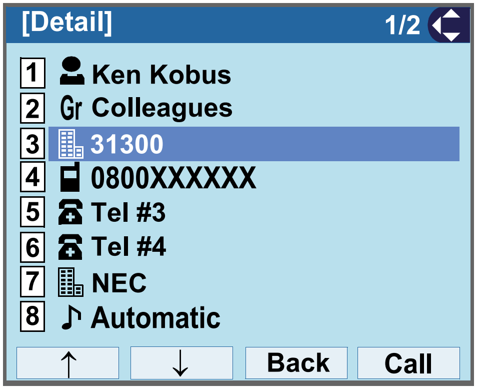
Ken Kobus
Abe Kentaro

TIP If no data exists in Directory, "No data" is issued on the screen.

STEP 7: To display the detailed data for a specific name, press **Detail** while the name is highlighted.

Note If two or more telephone numbers are assigned to an entry, a top priority telephone number is automatically selected when the Detail screen appears.

In the following **Detail** screen, you can make a call to the selected number by pressing or **Call**.


[Detail] 1/2

1 Ken Kobus
2 Colleagues
3 31300
4 0800XXXXXX
5 Tel #3
6 Tel #4
7 NEC
8 Automatic

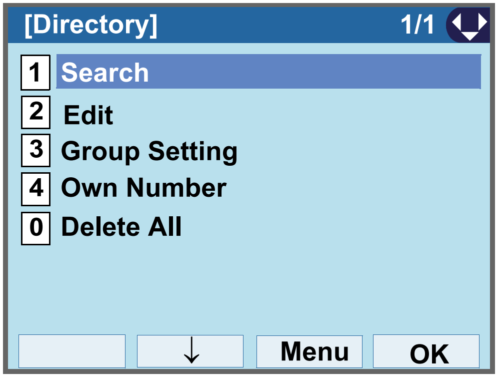
• To Search by Category

STEP 1: Open the **Directory** screen (see TO ADD NEW DATA: STEP1 - STEP3.)

STEP 2: On the **Directory** screen, select 1 **Search.**

Select an item by one of the following operations.

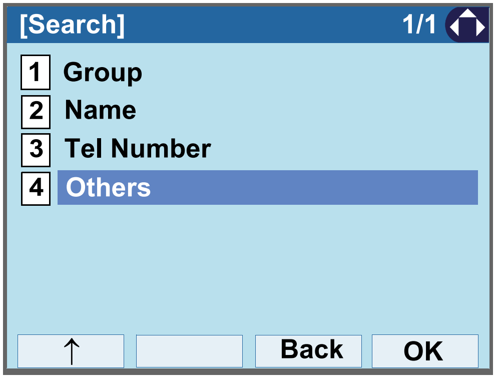
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 3: Select 4 **Others.**

Select an item by one of the following operations.

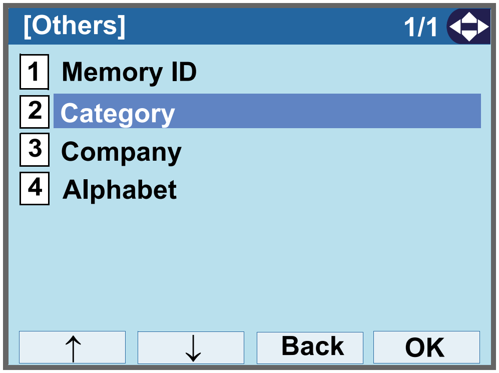
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ④.



STEP 4: Select 2 **Category.**

Select an item by one of the following operations.

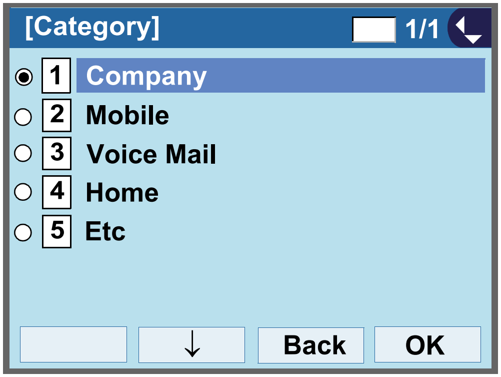
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ②.



STEP 5: Select a desired category.

In this example, 1 **Company** is selected.
Select an item by one of the following operations.

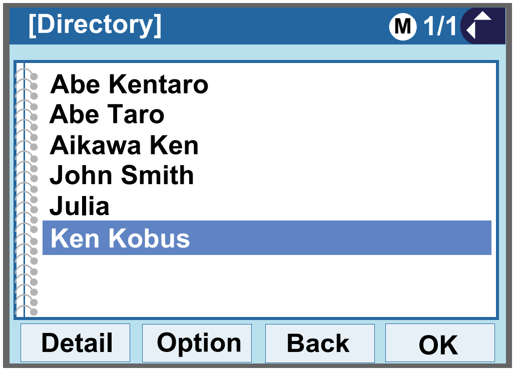
- Highlight an item by using ◈ or **UP/DOWN** soft key, and press ◉ or **OK**.
- Press ①, and press ◉ or **OK**.



STEP 6: Select a target name by pressing ◈.

In the following **Directory (Name List)** screen, you can make a call to the selected party by pressing ◉ or **Call**.

If two or more telephone numbers are assigned to an entry, a top priority telephone number will be dialed.

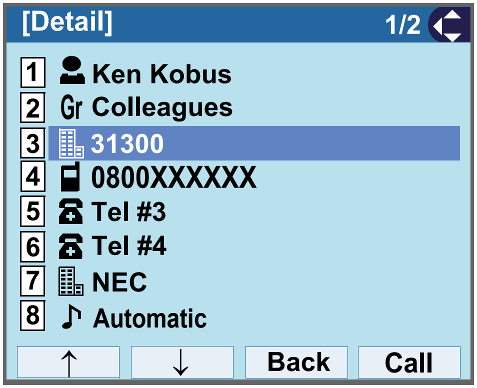


TIP If there is no entry corresponding to the selected category, "No data" is issued on the screen.

STEP 7: To display the detailed data for a specific name, press **Detail** while the name is highlighted.

Note If two or more telephone numbers are assigned to an entry, a top priority telephone number is automatically selected when the Detail screen appears.

In the following **Detail** screen, you can make a call to the selected number by pressing ◉ or **Call**.



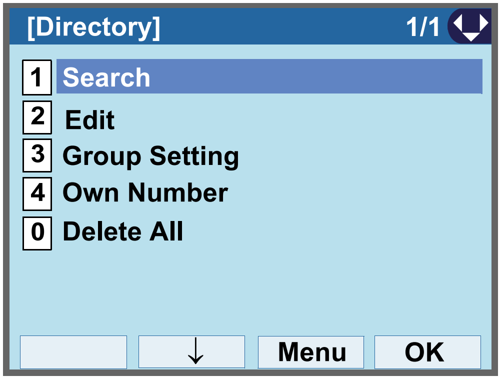
- ## To Search by Company Name

STEP 1: Open the **Directory** screen (see TO ADD NEW DATA: STEP1 - STEP3.)

STEP 2: On the **Directory** screen, select 1 **Search.**

Select an item by one of the following operations.

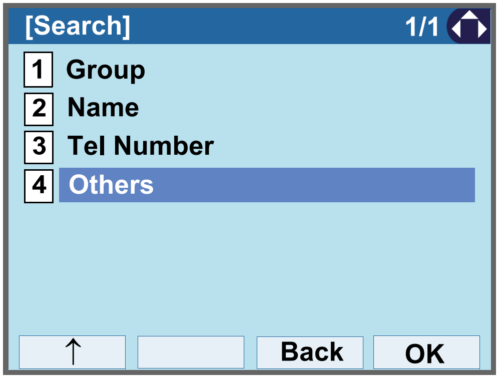
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 3: Select 4 **Others.**

Select an item by one of the following operations.

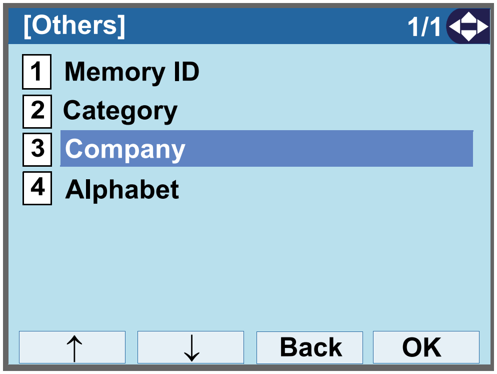
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ④.



STEP 4: Select 3 **Company.**

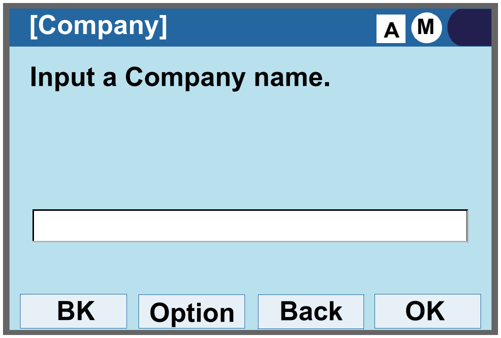
Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ③.



STEP 5: Enter a company name.

After entering the name, Press ◉ or **OK**.


[Company]

Input a Company name.

Note A distinction is made between upper case and lower case characters. For example, "Ken Kobus" and "ken kobus" are distinguished as different character strings.

Note A blank space is also distinguished while searching database for a name.

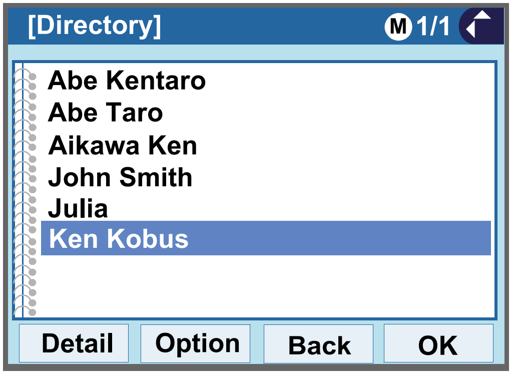
Note Up to 32 characters can be entered as a company name. For details on character entry method, see HOW TO INPUT CHARACTERS.

TIP If there is no entry corresponding to the entered company name, "No data" is issued.

STEP 6: Select a target name by pressing ◉.

In the following **Directory (Name List)** screen, you can make a call to the selected party by pressing ◉ or **Call**.

If two or more telephone numbers are assigned to an entry, a top priority telephone number will be dialed.


[Directory]

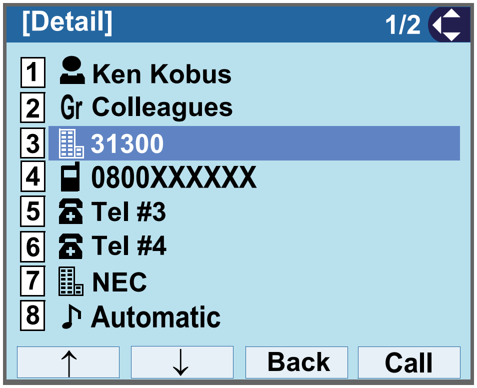
Abe Kentaro
Abe Taro
Aikawa Ken
John Smith
Julia
Ken Kobus

TIP If there is no entry corresponding to the selected Company, "No data" is issued on the screen.

STEP 7: To display the detailed data for a specific name, press **Detail** while the name is highlighted.

Note If two or more telephone numbers are assigned to an entry, a top priority telephone number is automatically selected when the Detail screen appears.

In the following **Detail** screen, you can make a call to the selected number by pressing ◉ or **Call**.



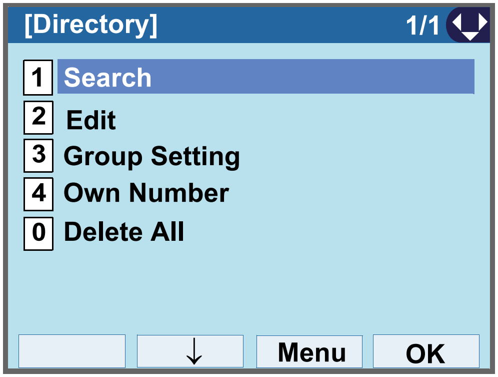
• To Search by Alphabet

STEP 1: Open the **Directory** screen (see TO ADD NEW DATA: STEP1 - STEP3.)

STEP 2: On the **Directory** screen, select 1 **Search.**

Select an item by one of the following operations.

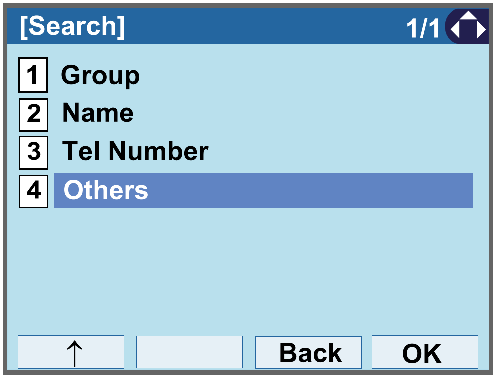
- Highlight an item by using ⊙ or **UP/DOWN** soft key, and press ⊙, ⊙ or **OK**.
- Press ①.



STEP 3: Select 4 **Others.**

Select an item by one of the following operations.

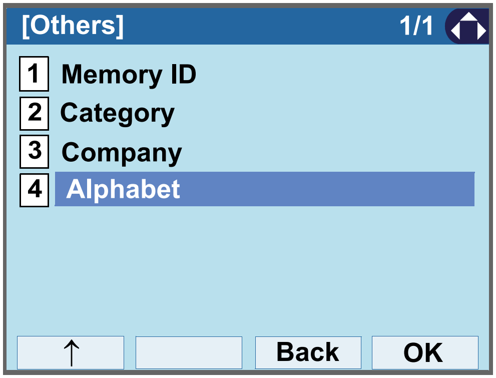
- Highlight an item by using ⊙ or **UP/DOWN** soft key, and press ⊙, ⊙ or **OK**.
- Press ④.



STEP 4: Select 4 **Alphabet.**

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◉, ◎ or **OK**.
- Press ④



[Others] 1/1

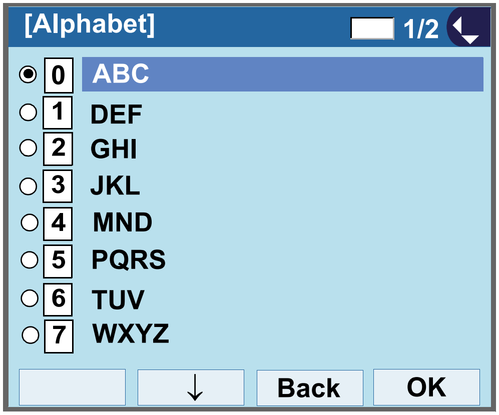
1 Memory ID
2 Category
3 Company
4 Alphabet

STEP 5: Select **a desired group of alphabets.**

In this example, 0 **ABC** is selected.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◉ or **OK**.
- Press ⓪, and press ◉ or **OK**.



[Alphabet] 1/2

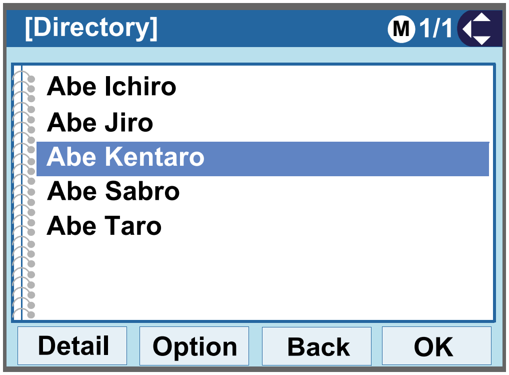
● 0 ABC
○ 1 DEF
○ 2 GHI
○ 3 JKL
○ 4 MND
○ 5 PQRS
○ 6 TUV
○ 7 WXYZ

TIP Select **Others** to find names which begin with a character other than alphabet such as numerics or symbols.

STEP 6: Select a target name by pressing .

In the following **Directory (Name List)** screen, you can make a call to the selected party by pressing or **Call**.

If two or more telephone numbers are assigned to an entry, a top priority telephone number will be dialed.


[Directory] M 1/1

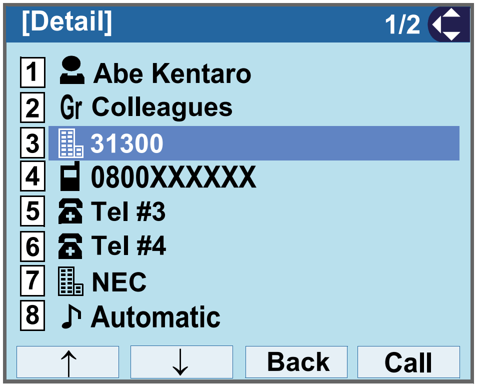
Abe Ichiro
Abe Jiro
Abe Kentaro
Abe Sabro
Abe Taro

TIP If there is no entry corresponding to the group of alphabets, "No data" is issued on the screen.

STEP 7: To display the detailed data for a specific name, press **Detail** while the name is highlighted.

Note If two or more telephone numbers are assigned to an entry, a top priority telephone number is automatically selected when the Detail screen appears.

In the following **Detail** screen, you can make a call to the selected number by pressing or **Call**.


[Detail] 1/2

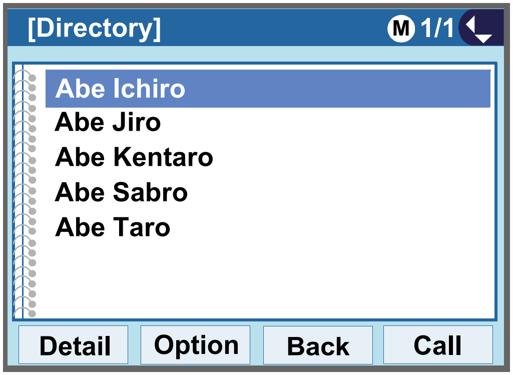
1 Abe Kentaro
2 Gr Colleagues
3 31300
4 0800XXXXXX
5 Tel #3
6 Tel #4
7 NEC
8 ♪ Automatic

TO MAKE A CALL FROM DIRECTORY

Note While **Directory** screen is being displayed, you cannot make a call by dialing a telephone number.

• To Make a Call from Name List Screen

STEP 1: Display the **Directory (Name List)** screen for a target party (see TO FIND A REGISTERED DATA).



STEP 2: Select a target name, and make a call.

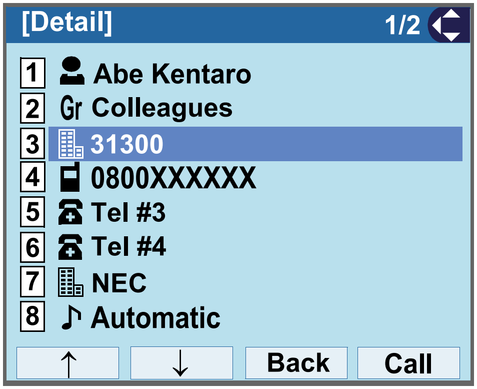
Select a target name by pressing ⬍, and press ◉ or **Call** to make a call to the selected party.

Note If multiple telephone numbers are registered to a target party, a call is made to the first priority telephone number.

• To Make a Call from Detail Screen

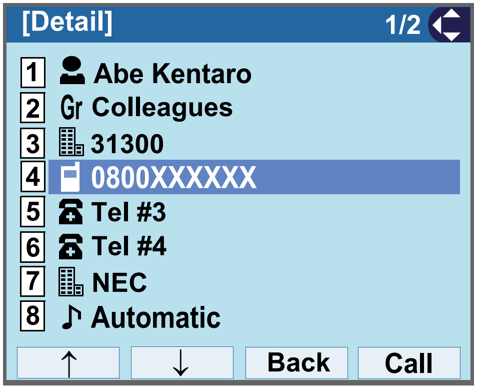
STEP 1: Display the **Detail** screen for a target party (see TO FIND A REGISTERED DATA).

Note If two or more telephone numbers are assigned to an entry, a top priority telephone number is automatically selected when the Detail screen appears.



STEP 2: Select a target telephone number, and make a call.

Select a target telephone number by pressing ◎ or **UP/DOWN** soft key, and press ◎ or **Call** to make a call to the selected number.



[Detail] 1/2

1 Abe Kentaro
2 Gr Colleagues
3 31300
4 0800XXXXXX
5 Tel #3
6 Tel #4
7 NEC
8 Automatic

TO ADD PREFIX TO NUMBER

• To Set Prefix

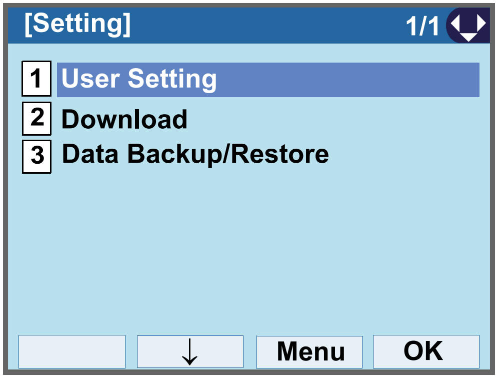
When making a call, a prefix can be added to telephone numbers to be dialed. Prefixes need to be set in advance.

STEP 1: Display the **Menu** screen, and select **Setting**.

STEP 2: Select 1 **User Setting.**

Select an item by one of the following operations.

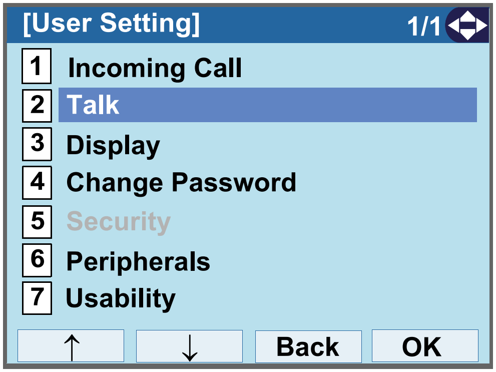
- Highlight an item by using or **UP/DOWN** soft key, and press , or **OK**.
- Press ①.



STEP 3: Select 2 **Talk.**

Select an item by one of the following operations.

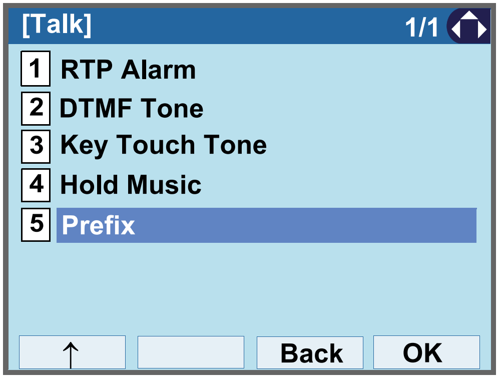
- Highlight an item by using or **UP/DOWN** soft key, and press , or **OK**.
- Press ②.



STEP 4: Select 5 **Prefix.**

Select an item by one of the following operations.

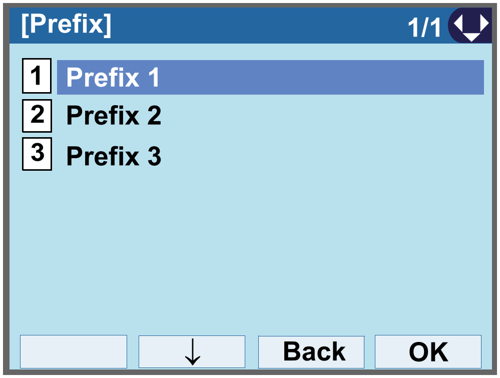
- Highlight an item by using or **UP/DOWN** soft key, and press , or **OK**.
- Press ⑤.



STEP 5: Select 1 **Prefix 1**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



[Prefix] 1/1

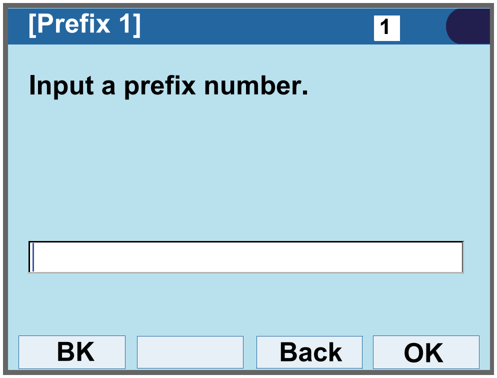
1 Prefix 1

2 Prefix 2

3 Prefix 3

STEP 6: Enter a prefix number.

Enter a prefix number by pressing the digit keys. After entering the prefix, press ◎ or **OK**.



[Prefix 1] 1

Input a prefix number.

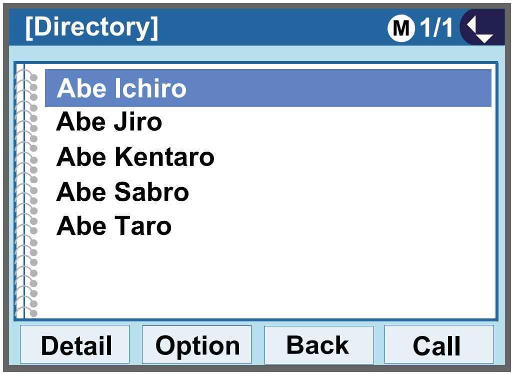
Note A maximum of 10 digits (0-9, * and #) can be set as a prefix.

Note When prefix is added, up to 32 digits including the prefix can be sent as dial number.

STEP 7: The display goes back the Prefix screen at STEP 6. If multiple prefixes need to be set, repeat STEP 5 and STEP 6. In that case, select 2 **Prefix 2** and 3 **Prefix 3**.

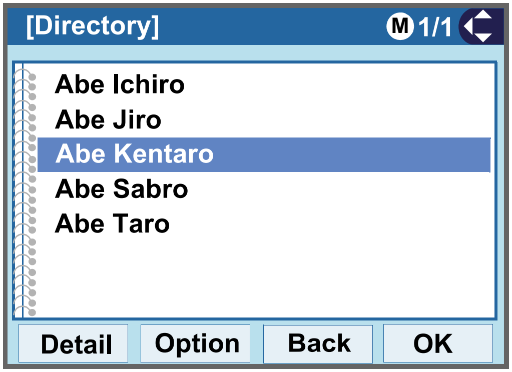
• To Add Prefix When Making A Call

STEP 1: Display the **Name List** screen for a target party (see TO FIND A REGISTERED DATA).



STEP 2: Select a target name and display SubMenu.

Select a target name by pressing ◉ and press **HELP** or **Option**.

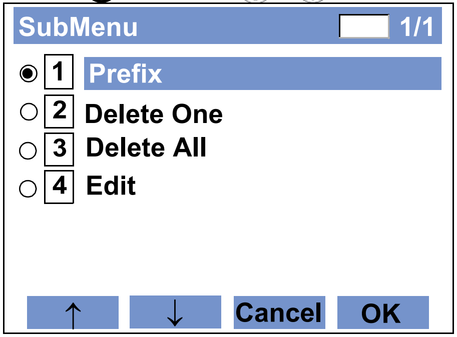


Note If multiple telephone numbers are registered to a target party, a call is made to the first priority telephone number.

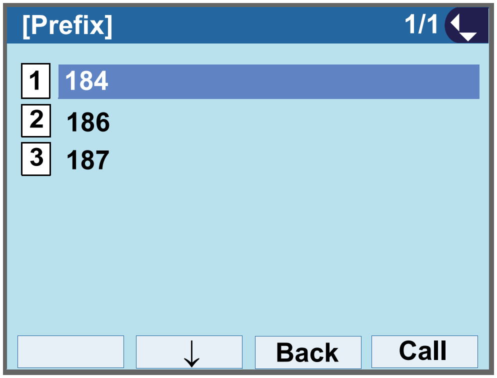
STEP 3: Select 1 **Prefix**.

Select an item by one of the following operations.

- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press 1, and press ◉, ◉ or **OK**.

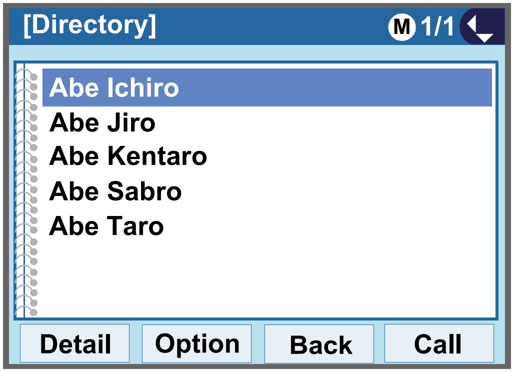


Predetermined prefixes are displayed. Select a prefix and press ◉ or **Call** to make a call.



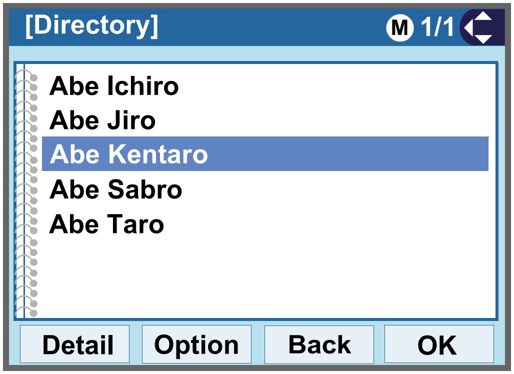
TO EDIT DIRECTORY DATA

STEP 1: Display the **Name List** screen for a target party (see TO FIND A REGISTERED DATA).



STEP 2: Select a target name and display SubMenu.

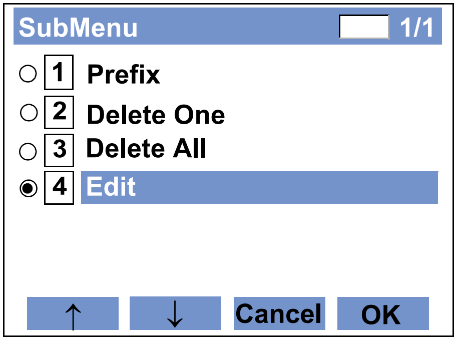
Select a target name by pressing ◎, and press **HELP** or **Option**.



STEP 3: Select 4 **Edit**.

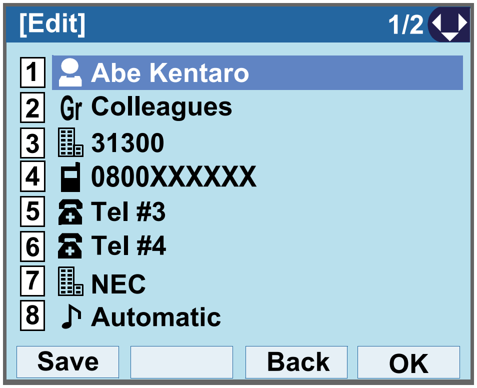
Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ④, and press ◎, ◎ or **OK**.

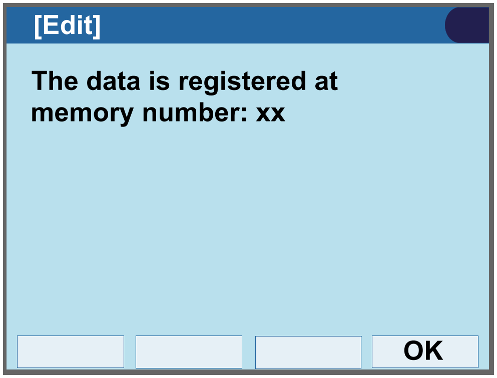


STEP 4: On the **Edit** screen, the detailed data for the selected name is displayed. Modify the necessary data by referring to TO ADD NEW DATA.

After the data modification is complete, press **Save** on the Edit screen.



STEP 5: After the data is saved, the display changes as follows.


[Edit]

The data is registered at memory number: xx

STEP 6: Press ◉ or **OK**.

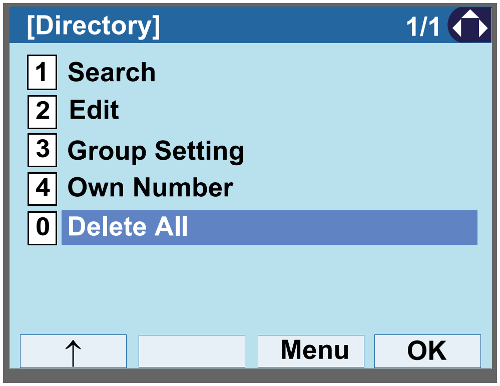
TO DELETE ALL DATA

STEP 1: Open the **Directory** screen (see TO ADD NEW DATA).

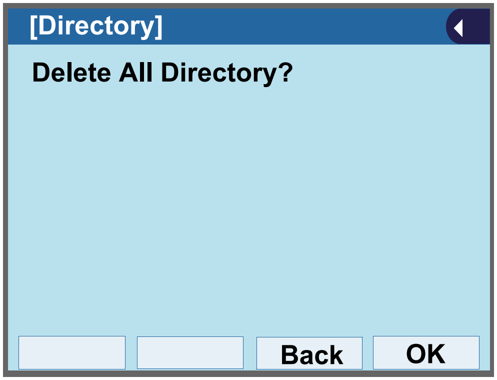
STEP 2: Select 0 **Delete All**.

Select an item by one of the following operations.

- Highlight an item by using ⇕ or **UP/DOWN** soft key, and press ◉, ▶ or **OK**.
- Press 0.



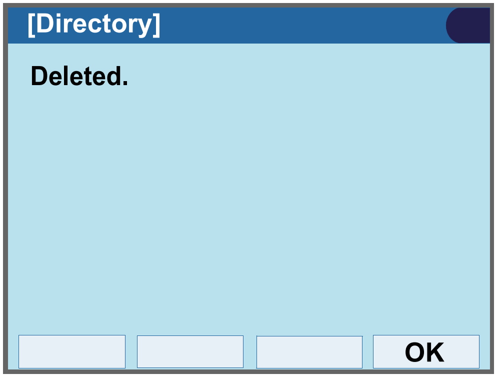
STEP 3: Press ◉ or **OK** to delete all the data.


[Directory]

Delete All Directory?

TIP To cancel the data deletion, press ◉ or **Back** soft key.

STEP 4: After all the directory data is deleted, the display changes as follows:

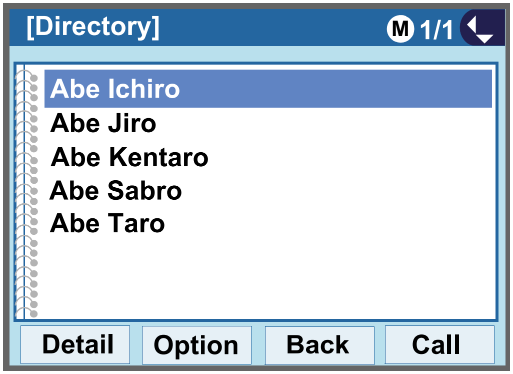

[Directory]

Deleted.

STEP 5: Press ◉ or **OK**.

TO DELETE SPECIFIC DATA

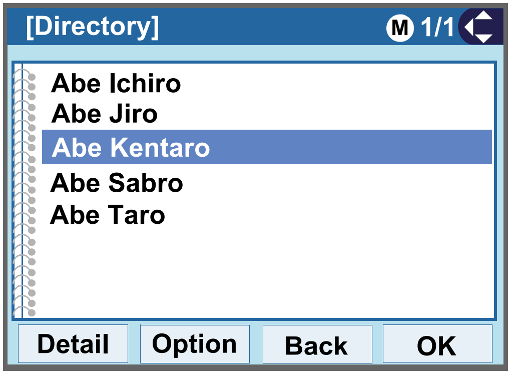
STEP 1: Display the **Name List** screen for a name to be deleted (see TO FIND A REGISTERED DATA).


[Directory] Ⓜ 1/1

Abe Ichiro
Abe Jiro
Abe Kentaro
Abe Sabro
Abe Taro

STEP 2: Select a name to be deleted and display Sub-Menu.

Select a target name by pressing ◉, and press **HELP** or **Option**.

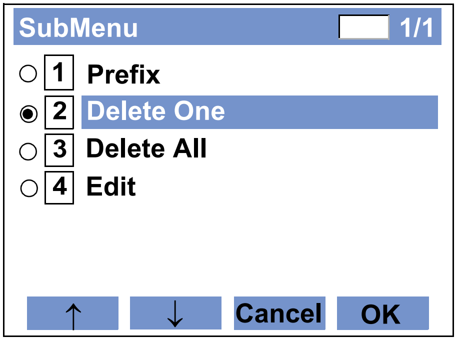

[Directory] Ⓜ 1/1

Abe Ichiro
Abe Jiro
Abe Kentaro
Abe Sabro
Abe Taro

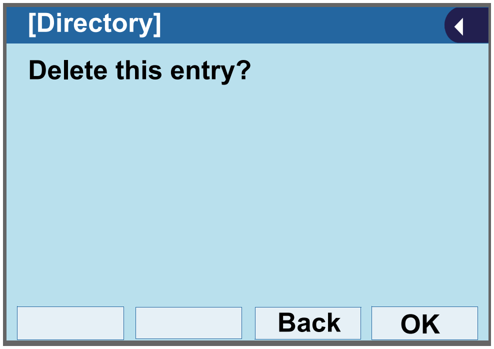
STEP 3: Select 2 **Delete One.**

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ②, and press ◎, ◎ or **OK**



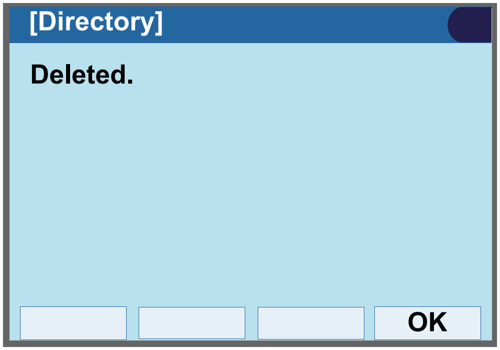
STEP 4: The following confirmation message appears. Press ◎ or **OK** to delete the appropriate directory data.



Delete this entry?

TIP To cancel the data deletion, press ◎ or **Back** soft key.

STEP 5: After the appropriate directory data is deleted, the display changes as follows:



Deleted.

STEP 6: Press ◎ or **OK**.

6. CALL HISTORY OPERATION

This chapter explains Call History of DT830G. By using Call History, you can make a call with simple operation.

Call History allows the telephone to register up to 50 records into its memory. If the number of registered records exceeds 50, a record will be deleted in order of occurrence.

Note Register Call History data to Personal Directory as necessary. Call History data will be cleared when powering off the telephone.
However, Call History data can be backed up to your PC. About Backup/Restore, see TO BACKUP PERSONAL SETTINGS" or "TO RESTORE PERSONAL SETTINGS" in "3. TERMINAL SETUP".

Note The Call History data that is stored in the memory of each telephone cannot be added to Phonebook (both System Phonebook and Local Phonebook) controlled by the system.

TO VIEW CALL HISTORY

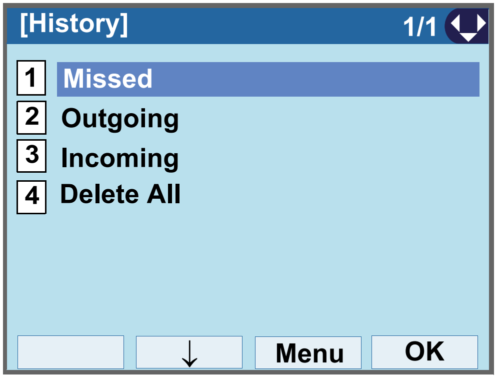
STEP 1: Display the **Menu** screen, and select **History**.

STEP 2: Select a kind of calls.

In this example, 1 **Missed** is selected.
Select an item by one of the following operations.

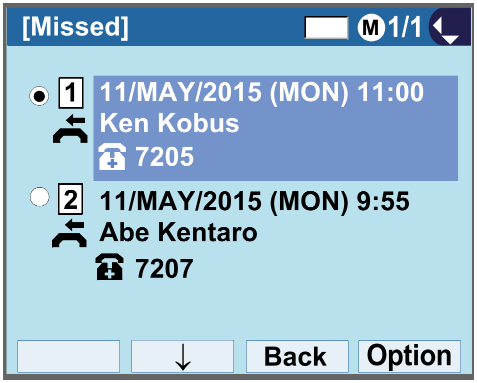
- Highlight an item by using ▲▼ or **UP/DOWN** soft key, and press ●, ▶ or **OK**.
- Press 1.

Item	Description
Missed	Display the history of unanswered (terminated to the My Line) incoming calls.
Outgoing	Display the history of outgoing calls.
Incoming	Display the history of answered and unanswered (terminated to the My Line) incoming calls.



STEP 3: The history data of the last received call is displayed.

If two or more records exist, use or **UP/ DOWN** soft key to display the next/former records.



[Missed] M1/1

● 1 11/MAY/2015 (MON) 11:00
Ken Kobus
☎ 7205

○ 2 11/MAY/2015 (MON) 9:55
Abe Kentaro
☎ 7207

TIP For missed calls, will be displayed on the left of the name.

TIP If there is no history data, "No data" will be displayed on LCD.

TIP If you make/answer a call to/from the telephone number which is registered to Personal Directory, the corresponding name will be displayed as call history data.

TIP To go back to former menu (STEP 2), press or **Back**.

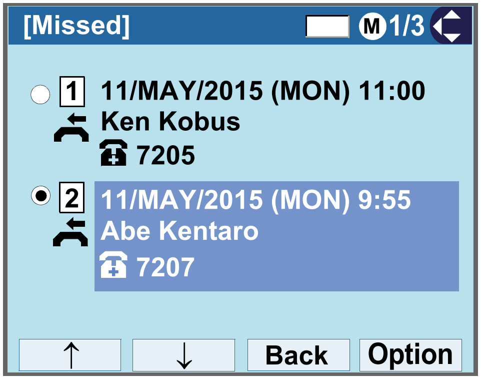
TO MAKE A CALL FROM CALL HISTORY

Note While the history data is displayed, you cannot make a call by dialing a telephone number.

(CASE 1)

STEP 1: Display call history data of a target telephone number (see TO VIEW CALL HISTORY).

The following is an example when a history data of Missed Calls is displayed.



[Missed] M1/3

○ 1 11/MAY/2015 (MON) 11:00
Ken Kobus
☎ 7205

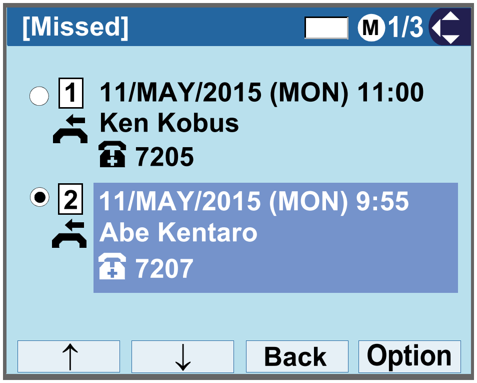
● 2 11/MAY/2015 (MON) 9:55
Abe Kentaro
☎ 7207

STEP 2: Press to make a call to the telephone number.

(CASE 2)

STEP 1: Display call history data of a target telephone number (see TO VIEW CALL HISTORY).

The following is an example when a history data of Missed Calls is displayed.

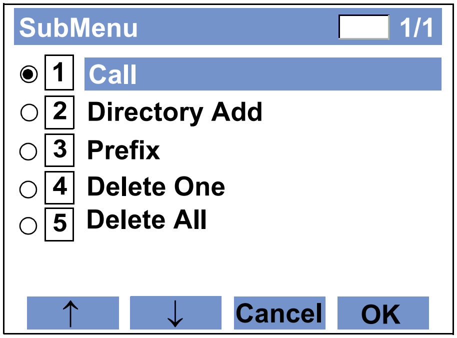

[Missed] M1/3

○ 1 11/MAY/2015 (MON) 11:00
Ken Kobus
☎ 7205

● 2 11/MAY/2015 (MON) 9:55
Abe Kentaro
☎ 7207

↑ ↓ Back Option

STEP 2: On the above screen, press **HELP** or **Option** to display the following SubMenu.


SubMenu 1/1

● 1 Call
○ 2 Directory Add
○ 3 Prefix
○ 4 Delete One
○ 5 Delete All

↑ ↓ Cancel OK

STEP 3: To make a call, select 1 **Call** and press ◉, ◉ or **OK**.

Note

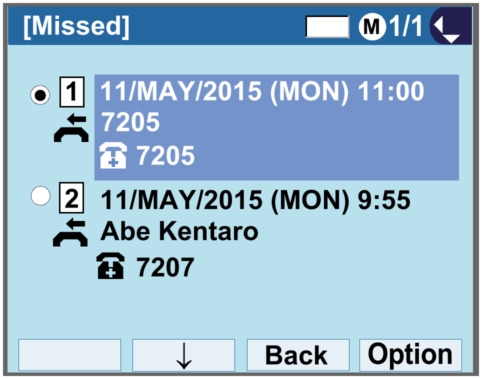
When making a call from Call History, a prefix can be added to the dial number. In that case, select **3 Prefix** on the SubMenu (indicated at STEP 2 of CASE 2) to display the Prefix screen.

On the Prefix screen, choose a prefix to be added to the dial number. Also, prefixes need to be set in advance. For details on setting of prefix, see TO ADD PREFIX TO NUMBER.

TO ADD CALL HISTORY DATA TO DIRECTORY

STEP 1: Display call history data of a target telephone number (see TO VIEW CALL HISTORY).

The following is an example when history data of a Missed Calls is displayed.



[Missed] Ⓜ 1/1

● 1 11/MAY/2015 (MON) 11:00
7205
☎ 7205

○ 2 11/MAY/2015 (MON) 9:55
Abe Kentaro
☎ 7207

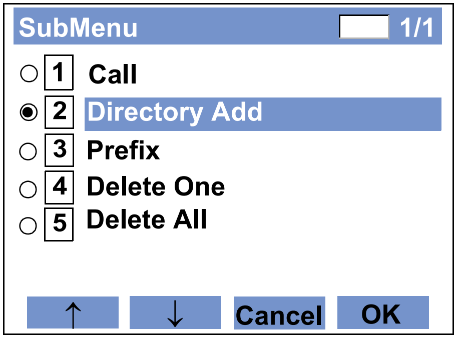
↓ | Back | Option

Press **HELP** or **Option** while displaying the call history data for the target telephone number.

STEP 2: The following SubMenu is displayed. Select 2 **Directory Add**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ②, and press ◎, ◎ or **OK**.



SubMenu 1/1

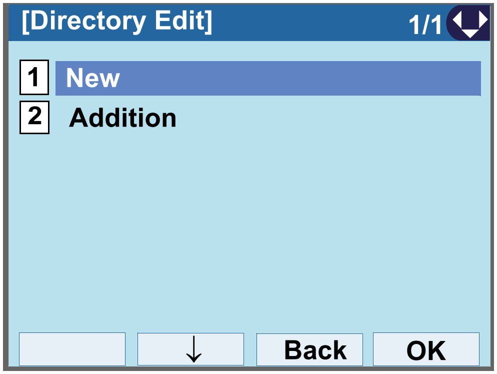
○ 1 Call
● 2 Directory Add
○ 3 Prefix
○ 4 Delete One
○ 5 Delete All

↑ | ↓ | Cancel | OK

STEP 3: Choose 1 **New**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



[Directory Edit] 1/1

1 New
2 Addition

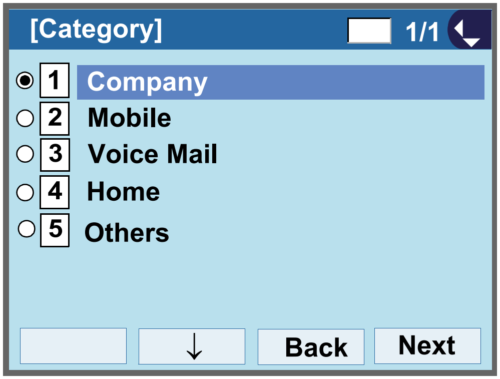
↓ | Back | OK

STEP 4: Select a category.

In this example, 1 **Company** is selected.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◉ or **Next**.
- Press ①, and press ◉ or **Next**.



[Category] 1/1

● 1 Company
○ 2 Mobile
○ 3 Voice Mail
○ 4 Home
○ 5 Others

Selectable categories are as follows:

Category	ICON
Company	🏢
Mobile	📱
Voice Mail	VM
Home	🏠
Others	etc

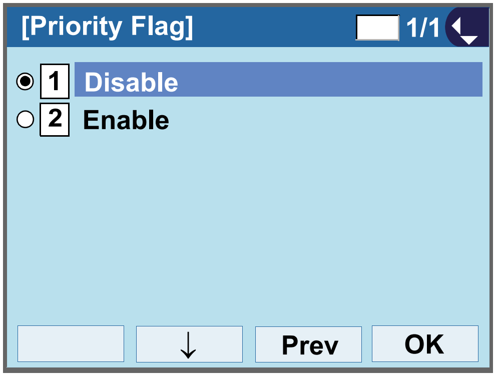
STEP 5: Choose either 1 **Disable** or 2 **Enable**.

A maximum of four telephone numbers can be set to an entry. If 2 **Enable** is selected here, the telephone number which is being edited will be given top priority.

In that case, the telephone number is automatically selected when you make a call without specifying a specific telephone number.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◉ or **OK**.
- Press ① or ②, and press ◉ or **OK**.

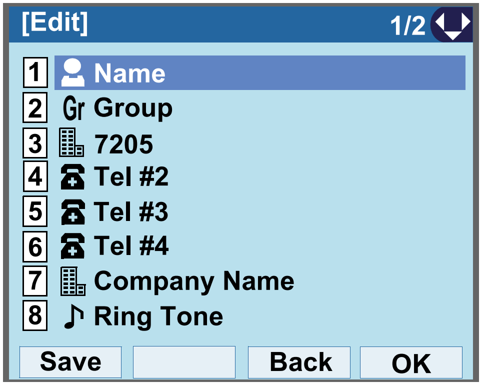


[Priority Flag] 1/1

● 1 Disable
○ 2 Enable

STEP 6: The following **Edit** screen is displayed. "7205" has been registered to Tel #1.

See "TO ADD NEW DATA" in Directory Operation, and register detailed data (such as name, group, etc) to directory.



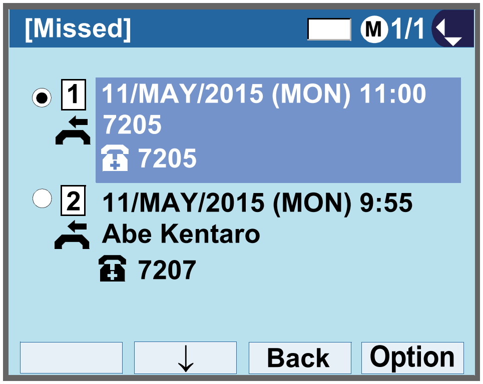
TIP If the corresponding data is not stored in the Personal Directory, only the telephone number will be displayed as Tel #1.

TIP If the corresponding data has already stored in the Personal Directory, the detailed data (such as name group, etc.) is displayed.

TO EDIT DIRECTORY DATA FROM CALL HISTORY

STEP 1: Display call history data of a target telephone number (see TO VIEW CALL HISTORY).

The following is an example when history data of a Missed Calls is displayed.



● 1 11/MAY/2015 (MON) 11:00
7205
☎ 7205

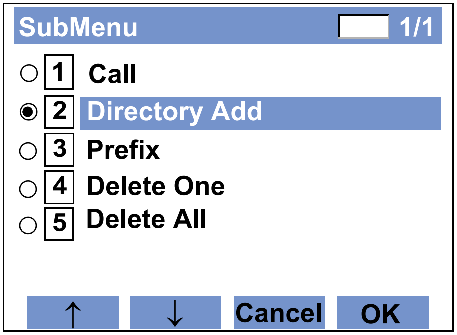
○ 2 11/MAY/2015 (MON) 9:55
Abe Kentaro
☎ 7207

Press **HELP** or **Option** while displaying the call history data for the target telephone number.

STEP 2: The following SubMenu is displayed. Select 2 **Directory Add**.

Select an item by one of the following operations.

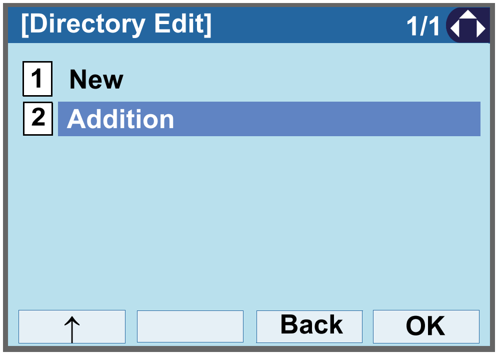
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ②, and press ◎, ◎ or **OK**.



STEP 3: Choose 2 **Addition**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ②.



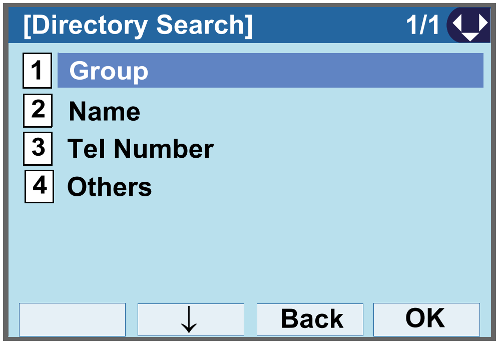
STEP 4: Select a search method.

See TO FIND A REGISTERED DATA for the procedure of the searching method.

In this example, 1 **Group** is selected.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.

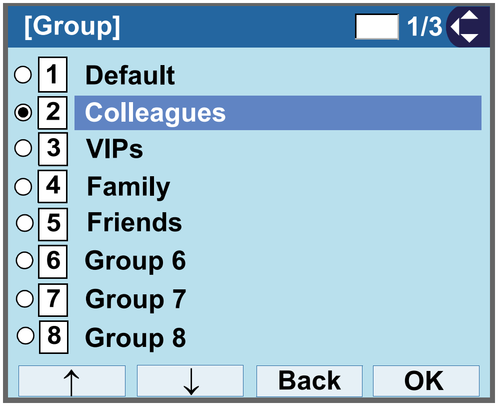


STEP 5: Select a group.

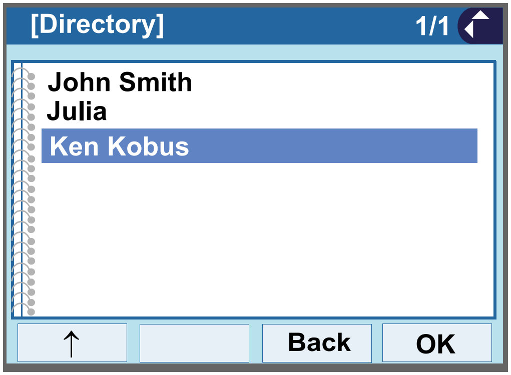
In this example, 2 **Colleagues** is selected.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎ or **OK**.
- Press ②, and press ◎ or **OK** soft.



STEP 6: The names belonging to Colleagues are displayed as the following example. Select a name and press ◉ or **OK**.



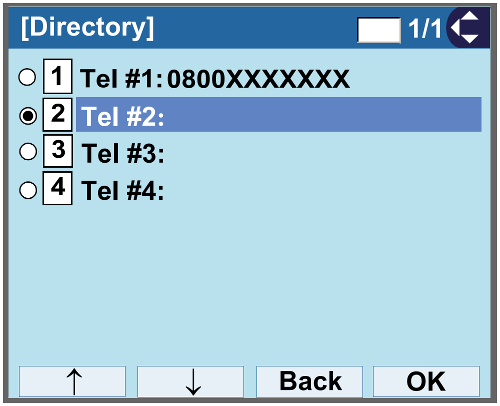
TIP If there is no corresponding data, "No data" will be displayed on LCD.

STEP 7: Select a registration destination. In this example, “7205” will be added to Tel #2.

Select an item by one of the following operations.

- Highlight an item by using ◈ or **UP/DOWN** soft key, and press ◉ or **OK**.
- Press ① - ④, and press ◉ or **OK**.

Note In this example, a mobile telephone number “0800XXXXXXX” has already been registered to Tel #1. If you select Tel #1 here, “0800XXXXXXX” will be overwritten with “7205”.

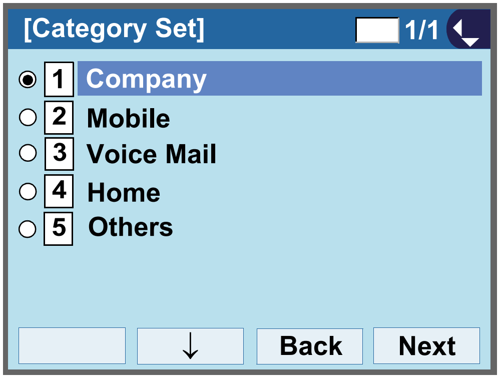


STEP 8: Select a Category to which the telephone number belongs.

In this example, 1 **Company** is selected.

Select an item by one of the following operations.

- Highlight an item by using ⊕ or **UP/DOWN** soft key, and press ◉ or **OK**.
- Press ①, and press ◉ or **OK**.



[Category Set] 1/1

● 1 Company
○ 2 Mobile
○ 3 Voice Mail
○ 4 Home
○ 5 Others

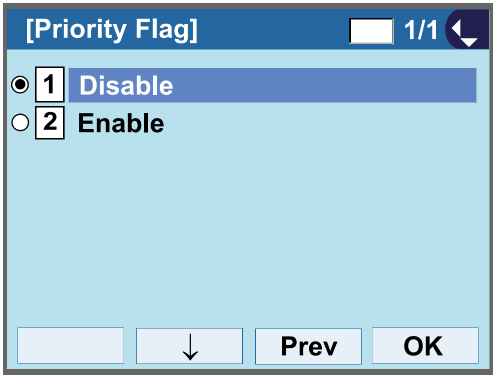
↓ Back Next

STEP 9: Choose either 1 **Disable** or 2 **Enable**.

A maximum of four telephone numbers can be set to an entry. If 2 **Enable** is chosen here, the telephone number which is being edited will be given top priority. In that case, the telephone number is automatically selected when you make a call without specifying a specific telephone number.

Select an item by one of the following operations.

- Highlight an item by using ⊕ or **UP/DOWN** soft key, and press ◉ or **OK**.
- Press ① or ②, and press ◉ or **OK**.



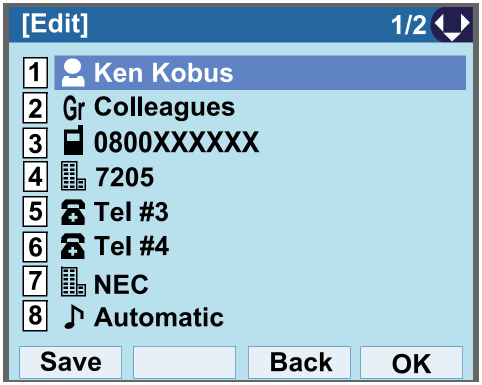
[Priority Flag] 1/1

● 1 Disable
○ 2 Enable

↓ Prev OK

STEP 10: The display moves to the **Edit** screen of Directory. “7205” has been registered to Tel #2.

See TO EDIT DIRECTORY DATA in Directory Operation, and edit the data as necessary.


[Edit] 1/2

1 Ken Kobus

2 Colleagues

3 0800XXXXXX

4 7205

5 Tel #3

6 Tel #4

7 NEC

8 Automatic

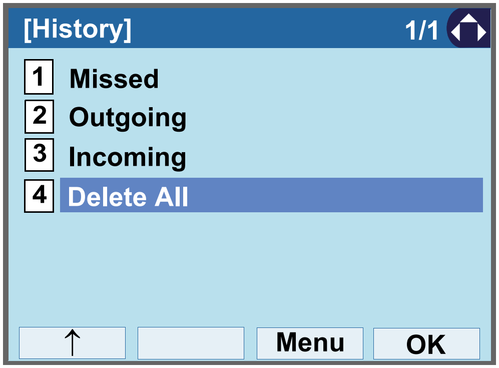
TO DELETE ALL DATA

STEP 1: Display the **Menu** screen, and select **History**.

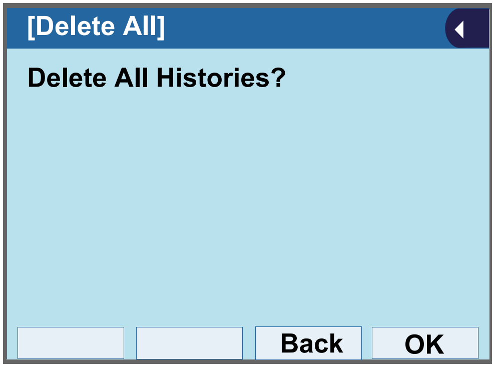
STEP 2: Select 4 **Delete All**.

Select an item by one of the following operations.

- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ④.



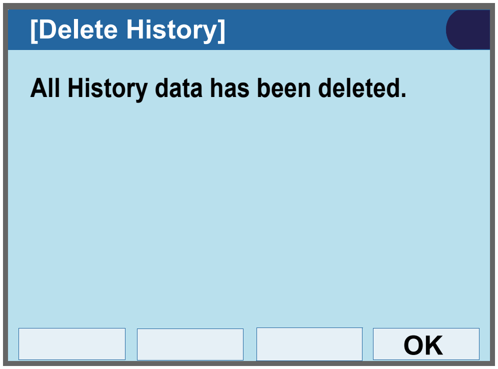
STEP 3: The following confirmation message appears. Press ◉ or **OK** to delete all the data.


[Delete All]

Delete All Histories?

TIP To cancel the data deletion, press ◎ or **Back** soft key.

STEP 4: After all history data is deleted, the display changes as follows. Press ◎ or **OK**.



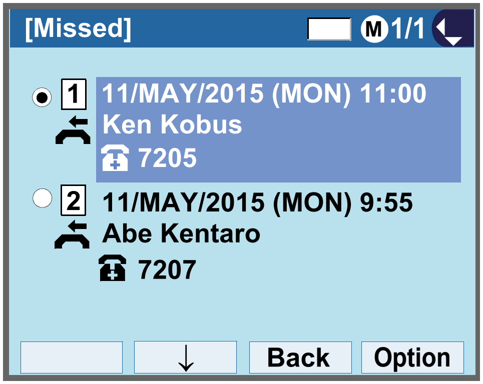
[Delete History]

All History data has been deleted.

TO DELETE SPECIFIC DATA

STEP 1: Display the call history data of the target telephone number referring to TO VIEW CALL HISTORY.

The following is an example when the history data of missed call is displayed.



[Missed] M1/1

● 1 11/MAY/2015 (MON) 11:00
Ken Kobus
☎ 7205

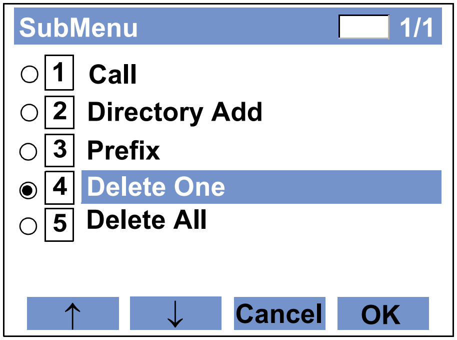
○ 2 11/MAY/2015 (MON) 9:55
Abe Kentaro
☎ 7207

Press **HELP** or **Option** while displaying the call history data for the target telephone number.

STEP 2: The following SubMenu is displayed. Select 4 **Delete One**.

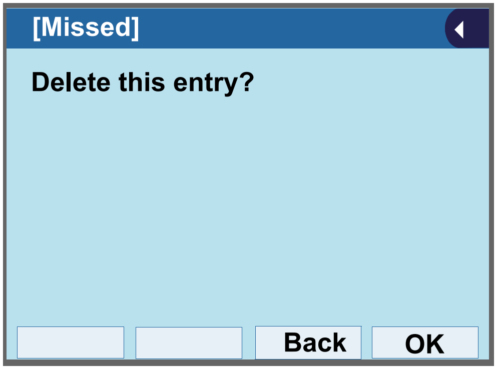
Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ④, and press ◎, ◎ or **OK**.



TIP By selecting **5 Delete All,** all records of missed call can be deleted.

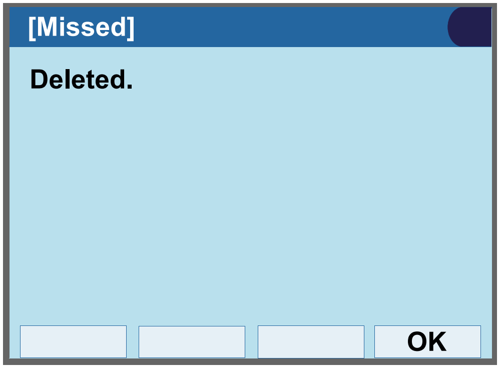
STEP 3: The following confirmation message appears. Press ◉ or **OK** to delete the appropriate history data.



Delete this entry?

TIP To cancel the data deletion, press ◉ or **Back** soft key.

STEP 4: After the appropriate call history data is deleted, the display changes as follows. Press ◉ or **OK**.



Deleted.

APPENDIX A PHOTO FRAME APPLICATION

The Photo Frame application allows the LCD of DT830G to display image files which are loaded from a USB memory or downloaded from XML server.
Images can be viewed one at a time, or as a slide show.

TIP For details of how to use the Photo Frame application through XML server, contact the system administrator.

TIP To use the Photo Frame application, configuration setting by system administrator is required. For details, contact the system administrator.

Note The supported image file is bitmap format only.

Note For (ITZ-12/24DG-3), Photo Frame application is not supported.

TO LAUNCH PHOTO FRAME APPLICATION

There are following ways to start Photo Frame application.

USAGE	PROCEDURE
Implemented as an XML application.	Select **Service** → 2 **Photo Frame** from the **Menu** screen.
Used as a screen saver.	An image file of the application appears automatically when the screen saver started.

TIP The launching method of Photo Frame application depends on the configuration setting. For details, contact the system administrator.

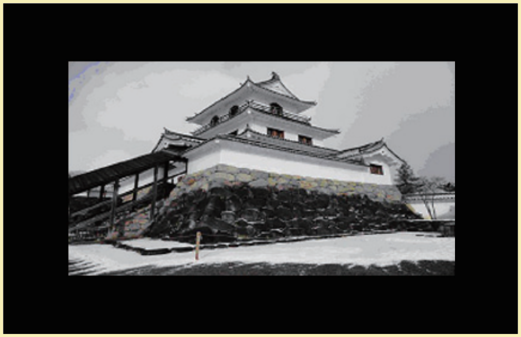
DISPLAY SAMPLE AND KEY OPERATIONS

Following shows the display sample and key operations for Photo Frame application.

[Example of full screen display]

TIP When the size of an image file to be displayed is larger than the screen size of an LCD (480 x 272), the image file is partially displayed from the upper-left corner of the LCD.

TIP By the aspect ratio of an image file, some portions of the image file may be displayed in black color. Also, when the size of the image file to be displayed is smaller than the size of an LCD, the relative position of the image file will be displayed in black color.



[Key operations for full screen display]

	MENU/ICON	DESCRIPTION
Soft Keys	**Soft Key 1 ~ 3**	Not used.
	Soft Key 4 (Photo Frame Setting)	Displays **Photo Frame Setting** screen.
Cursor Keys	**Up/Down/Left/ Right**	Moves the selected focus to the other direction.
	Enter	Not used.

TIP When an image is displayed as a screen saver in a full screen, Photo Frame application can be closed by pressing any keys, and you can go back to the previous screen before launching Photo Frame application.

- **Configuration for Photo Frame Application**

By pressing the **Soft Key 4** (the soft key on the far right)) while Photo Frame application is activated, you can configure the setting of Photo Frame application. For details, see Setting Menu List For Photo Frame Application.

HOW TO USE THE PHOTO FRAME APPLICATION USING USB MEMORY

This section explains how to load images from a USB memory and view them on the Photo Frame application.

Note A USB memory with security feature is not available.

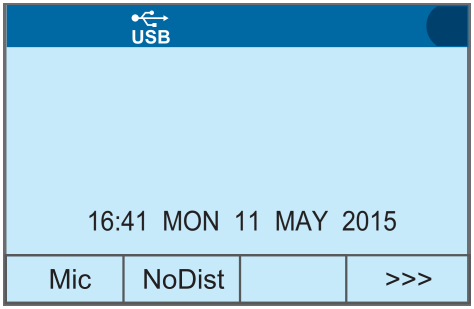
Note For format types of USB memory, be sure to use the USB memory which has been formatted as FAT or FAT32.

Note You must connect USB memory to the USB port of the terminal directly.

Note When you save image files of Photo Frame application to the USB memory, the image files must be stored in a folder created (the folder name must be named as "PhotoFrame") directly beneath the USB memory.

• How to Launch the Photo Frame Application

STEP 1: Insert USB memory to the USB port of the terminal.


USB

16:41 MON 11 MAY 2015

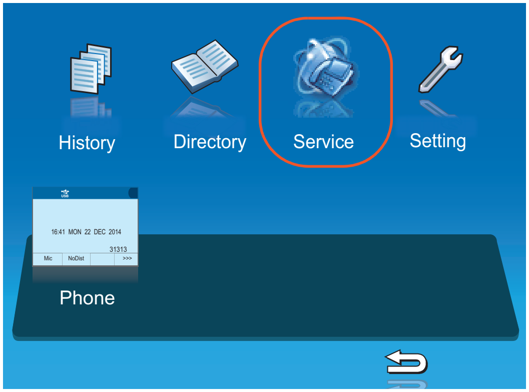
Mic | NoDist | | >>>

TIP Be sure to confirm the USB Connection icon is displayed on the LCD.

STEP 2: Press **Menu** to display the **Menu** screen, and select **Service**.

Select an item by one of the following operations.

- Highlight an item by using cursor key, and press ⊙, or **OK**.
- Press ③.



TIP When two or more Service URLs are registered, Service screen appears.

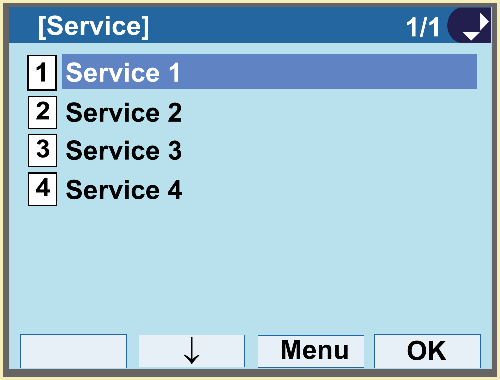
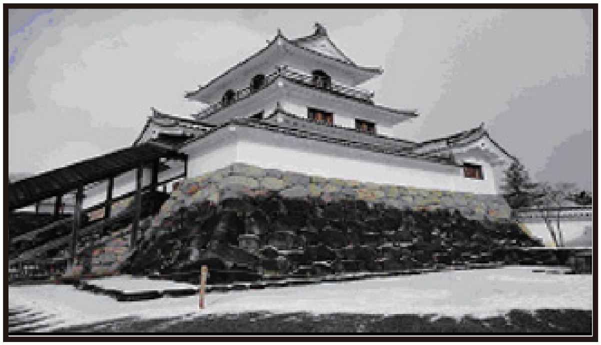
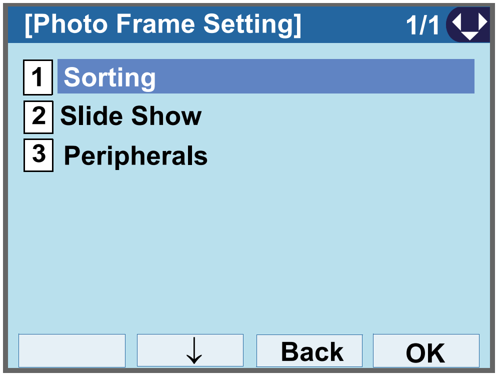


Photo Frame application has been launched.



- **Sort Setting**

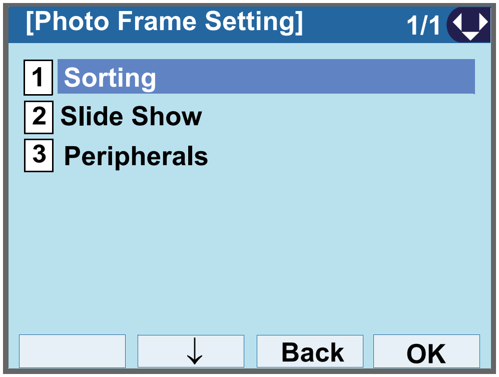
STEP 1: Press **Soft Key 4** (the soft key on the far right) while the Photo Frame application is activated.



STEP 2: On the **Photo Frame Setting** screen, select 1 **Sorting.**

Select an item by one of the following operations.

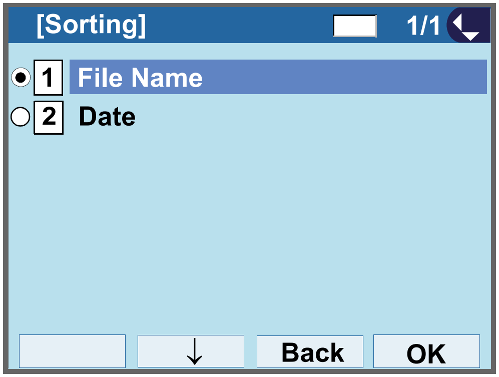
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ①.



STEP 3: Choose 1 **File Name.**

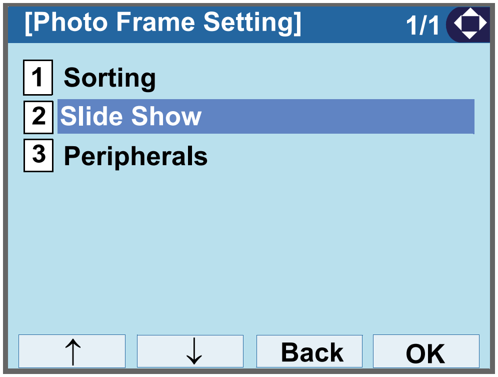
Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎ or **OK**.
- Press ①, and press ◎ or **OK**.



- **To Set Slide Show**

STEP 1: Press **Soft Key 4** (the soft key on the far right) while the Photo Frame application is activated.


[Photo Frame Setting] 1/1

1 Sorting

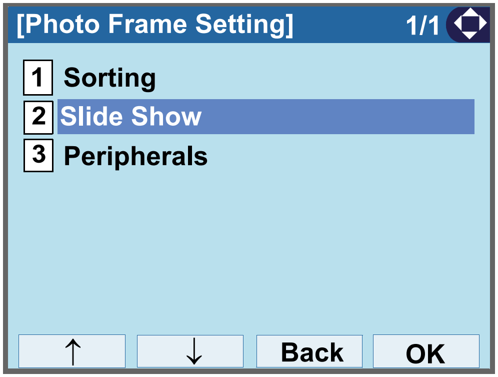
2 Slide Show

3 Peripherals

STEP 2: On the **Photo Frame Setting** screen, select 2 **Slide Show**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◉, ◎ or **OK**.
- Press ②.


[Photo Frame Setting] 1/1

1 Sorting

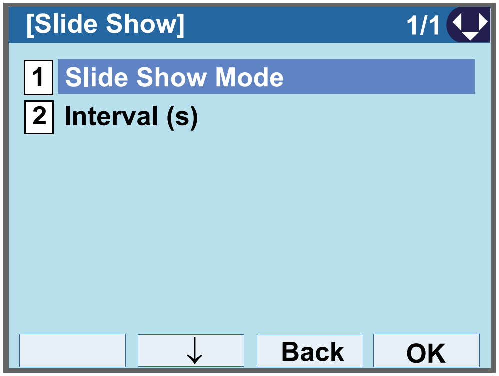
2 Slide Show

3 Peripherals

STEP 3: Choose 1 **Slide Show Mode**.

Select an item by one of the following operations.

- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◉, ◎ or **OK**.
- Press ①.


[Slide Show] 1/1

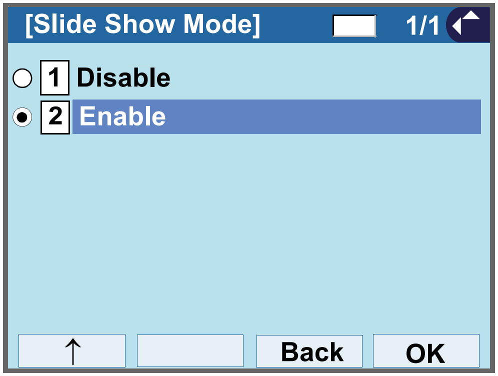
1 Slide Show Mode

2 Interval (s)

STEP 4: Choose whether to enable Slide Show Mode or not.

Select an item by one of the following operations.

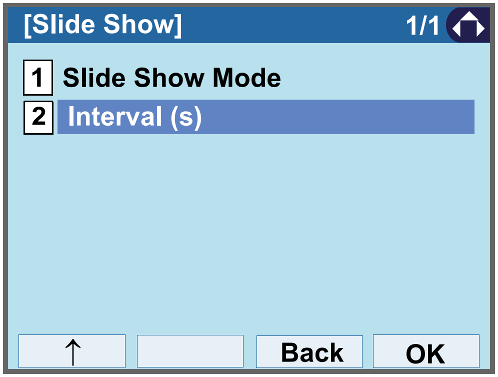
- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉ or **OK**.
- Press ① or ②, and press ◉ or **OK**.



STEP 5: Choose 2 **Interval (s)**

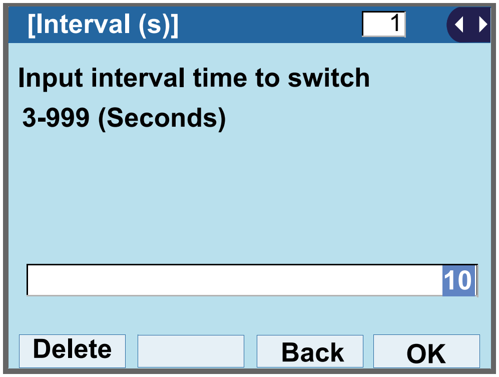
Select an item by one of the following operations.

- Highlight an item by using ◉ or **UP/DOWN** soft key, and press ◉, ◉ or **OK**.
- Press ②.



STEP 6: Specify interval time.

Enter the interval time to switch with digit keys, and press ◉ or **OK**.



Input interval time to switch
3-999 (Seconds)

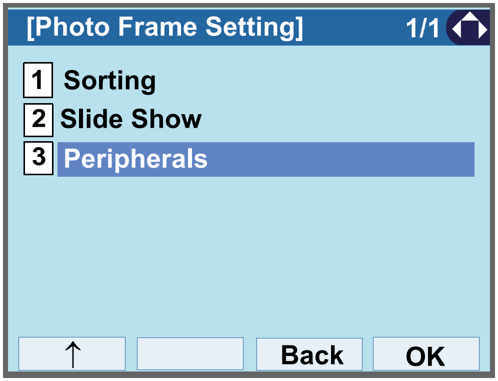
10

• TO REMOVE USB MEMORY

The following explains how to remove a connected USB memory from the terminal while the Photo Frame application is activated.

TIP For how to remove the USB memory, you can see also TO SAFELY REMOVE USB DEVICE.

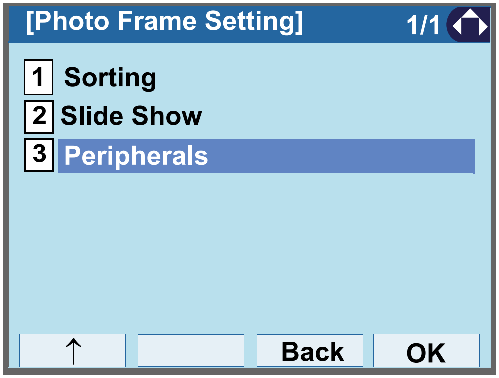
STEP 1: Press **Soft Key 4** (the soft key on the far right) while the Photo Frame application is activated.



STEP 2: On the **Photo Frame Setting** screen, select 3 **Peripherals**.

Select an item by one of the following operations.

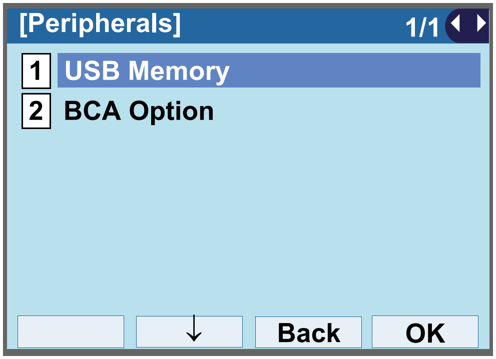
- Highlight an item by using or **UP/DOWN** soft key, and press , or **OK**.
- Press ③.



STEP 3: Make sure that 1 **USB Memory** is specified.

Select an item by one of the following operations.

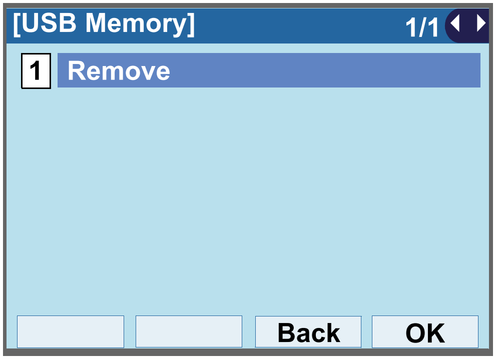
- Highlight an item by using or **UP/DOWN** soft key, press , or **OK**.
- Press ①.



STEP 4: Make sure that 1 **Remove** is specified.

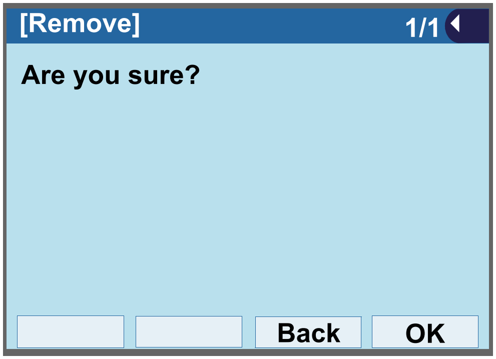
Select an item by one of the following operations.

- Highlight an item by using, press ◉, ◉ or **OK**.
- Press ①.


[USB Memory] 1/1

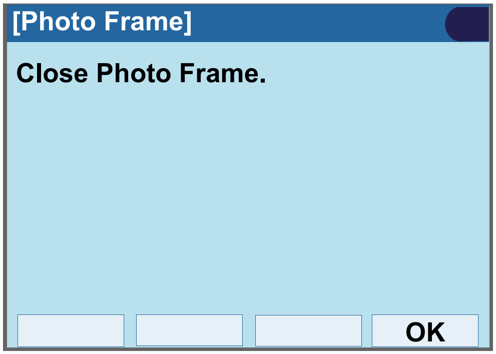
1 Remove

STEP 5: Press ◉ or **OK**.


[Remove] 1/1

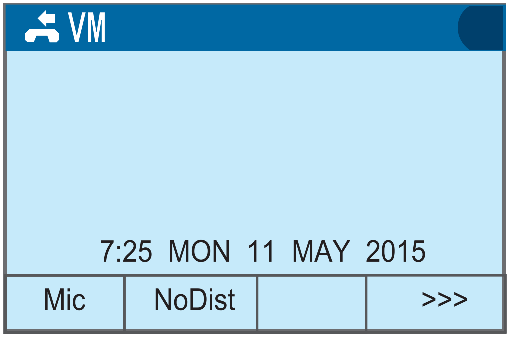
Are you sure?

STEP 6: Press ◉ or **OK**.


[Photo Frame]

Close Photo Frame.

STEP 7: Confirm that the USB icon has disappeared from the screen, and remove the USB device from the terminal



Note Be sure to confirm that the USB icon (USB) has disappeared from the screen.

Note When you turn off the power of terminal, be sure to remove the USB memory beforehand.

APPENDIX B OPTION DEVICES

SMART DEVICE INTEGRATION

Connecting the optional Bluetooth® adapter (BCA-Z UNIT) to a terminal (DT830G), the terminal can work in combination with smart devices (Tablets, mobile phones, etc.) that have Bluetooth® features. By using the terminal in collaboration with a mobile phone, the following features are available on the terminal.

- Voice Call of the mobile phone
- Using mobile phone as the handset
- Hands-free call
- Playing music

When you start up a terminal connected with the Bluetooth® adapter, the Bluetooth® icon will be displayed on the LCD. If the Bluetooth® icon is not displayed, the Bluetooth® adapter is not normally connected to the terminal.

Note For the combination with a mobile phone, both Path key and Connect key must be assigned as the Programmable Feature Keys on the terminal. If these keys are not assigned, the Bluetooth® adapter can not be operated. For details, please contact the system administrator.

• To use Bluetooth® Features

The Connect key lamp indicates the connection status between DT830G and the Bluetooth® device. For details of the Connect key lamp status, see the table below.

Lamp Indication Patterns	Status
Turning Off	Indicates that Bluetooth® feature is OFF.
Lighting Red	Indicates that Bluetooth® feature is ON.
Flashing alternately Red and Green every one second	Pairing mode
Lighting Green	Indicates that mobile phone is connecting to Bluetooth®.
Flashing Green	Indicates the status when the mobile phone, which is connected to Bluetooth®, is in a call.

Note Be sure to remove power for the terminal prior to adding or removing the BCA-Z adapter.

- **To pair Bluetooth® adapter with mobile phone**

DT830G and a mobile phone can be connected through Bluetooth® by pairing the Bluetooth® adapter with the mobile phone.

For the terminal, a maximum of 8 pairing informations can be saved. However, the most recently connected mobile phone is connected through Bluetooth® first.

STEP 1: Confirm that Bluetooth® feature is OFF (Connect key lamp turns off).

STEP 2: Hold down the Connect key for over eight seconds to enable pairing mode (When the Connect key has been kept pressed three or more seconds, the Connect key lights red). However, to enable pairing mode, continue to press the Connect key until it lights alternately red and green.

STEP 3: The mobile phone scans for the Bluetooth® device, pairs itself with the Bluetooth® adapter, and connects to the terminal. For details of this procedure, refer to the manual of your mobile phone.

Note If the terminal is not operated for three and a half minutes after terminal enters into pairing mode, the Bluetooth® feature will be enabled.

Note If the terminal and the mobile phone are already paired, the terminal and the mobile phone can be connected through Bluetooth® only operating with the mobile phone.

- **To enable Bluetooth® feature**

STEP 1: Press the Connect key several seconds (from three or more seconds to less than eight seconds) when the Bluetooth® feature is OFF (the Connect key is turn off).

STEP 2: The Connect key lights red, and the Bluetooth® feature turns ON.

Note When the terminal starts up, the Bluetooth® feature will be automatically ON.

Note When the Bluetooth® feature is ON, the Bluetooth® connection is made with the most recently connected mobile phone.

Note If you press the Connect key for eight seconds or more, the terminal status will be Pairing mode (Flashing alternately Red and Green every one second).

• To disable Bluetooth® feature

STEP 1: Press the Connect key for several seconds (more than three seconds when the Bluetooth® feature is ON (the Connect key is turn on)).

STEP 2: The Connect key turns off, and the Bluetooth® feature turns OFF. The mobile phone, which is connected to Bluetooth®, will be forcibly disconnected.

Note If the connection process between DT830G and the mobile phone is performed during pairing mode, the Bluetooth® feature cannot be disabled.

Note When the Connect key has not been pressed for 10 minutes while the Bluetooth® adapter is connected to the terminal, the Bluetooth® feature will automatically turn OFF.

• Bluetooth® connection from DT830G to mobile phone

Bluetooth® connection is manually or automatically available between a terminal and a mobile phone whose pairing process has been completed. From the terminal, a Bluetooth® connection can be established only to the most recently connected mobile phone.

- Automatic Connection

STEP 1: Be sure to confirm that Bluetooth® connection is ON (the Connect key lamp lights red).

STEP 2: The most recently connected mobile phone must be within the range of a Bluetooth® connection (approximately 10 meters).

STEP 3: The Bluetooth® connection between the terminal and the mobile phone is established automatically.

Note When Bluetooth® connection between the terminal and the mobile phone is established during a conversation, the voice communication is interrupted due to a switch to the Bluetooth® output. You can return to the conversation after 8 seconds since the voice communication is disconnected.

- Manual Connection

STEP 1: Be sure to confirm that Bluetooth® connection is ON (The Connect key lights red).

STEP 2: Press the Connect key less than 3 seconds.

STEP 3: The terminal sends a connection request to the most recently connected mobile phone.

STEP 4: Bluetooth® connection between the terminal and the mobile phone will be established.

• To switch the call by using Bluetooth® feature

When you leave the desk while talking in Mobile Phone Mode, you can switch from the call with terminal handset to the call with mobile phone.

For the details of Mobile Phone Mode, see TERMINAL MODE.

STEP 1: Press the Connect key less than 2.5 seconds. This operation is canceled by pressing the Connect key again.

STEP 2: The call switches from the terminal to the mobile phone. To switch the call using mobile phone, refer to the manual of your mobile phone.

TERMINAL MODE

For DT830G, there are two types of terminal mode called “Wired Telephone” mode and “Mobile Phone” mode. The terminal starts up on “Wired Telephone” mode by default.

- Wired Telephone Mode

Enables the terminal to make a voice call as a station in the system.

- Mobile Phone Mode

Enables the terminal to make a voice call for mobile phone.

Note When the terminal is placed in Security mode, the Bluetooth® feature will be OFF even if the terminal is in busy/idle state. After that, the terminal mode switches to the Wired Telephone Mode.

Note When the Security mode is canceled, the Bluetooth® feature will be ON. However, the terminal mode will be the Wired Telephone Mode.

- ### To switch the terminal mode

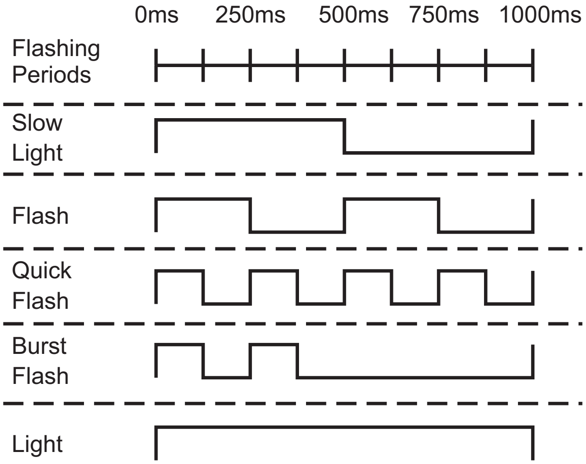
When the Bluetooth® connection between DT830G and a mobile phone is completed, you can switch the terminal mode (“Wired Telephone” mode/“Mobile Phone” mode) by pressing the Path key.

The Path key indicates the mode status with the lamp color and the flashing status. When the Path key lights or flashes orange, the terminal is in Wired Telephone mode. When Path key lights or flashes green, the terminal is in Mobile Phone Mode.

For details of the Path key lamp status, see the table below.

Lamp Indication Patterns	Flashing Periods	Mode	Status
Lighting Orange	-	Wired Telephone Mode	Indicates that the mobile phone is idle or not connected.
Flashing Orange	Slow Light	Wired Telephone Mode	Indicates that the mobile phone is originating a call or terminal is talking through the DT terminal.
	Flash		Indicates that the mobile phone is playing music.
	Quick Flash		Indicates that you are talking on your mobile phone.
	Burst Flash		Indicates that the mobile phone is ringing.
Lighting Green	-	Mobile Phone Mode	Indicates that the terminal is idle on the system line or ringing.
Flashing Green	Quick Flash	Mobile Phone Mode	Indicates that the terminal is talking through the system line.

The flashing periods of Path key are as follows.



• To switch between “Wired Telephone” mode and “Mobile Phone” mode

STEP 1: Press the Path key when the terminal is in idle/ringing status.

STEP 2: The terminal mode is switched. When you lift the handset or the speaker is ON, the terminal mode cannot be switched.

• To switch mobile phone answer mode

Depending on the specifications of a mobile phone, the operation to start a conversation after answering the incoming call with the mobile phone is different. You can start a call smoothly by setting the mobile phone answer mode according the specifications of each mobile phone. Choose the mobile phone answer mode corresponding to the mobile phone in use.

Smart Device Type (Type 1):

When you answer an incoming call with the mobile phone, the answered call will be switched from DT830G to the mobile phone automatically.

Note Depending on the type of mobile phone, a delay on the starting of the conversation may happen.

Smart Device Type (Type 2):

It is used for the type of mobile phones that delays the start of a conversation when it answers the call on Type 1.

Note When you use this mode for a mobile phone that can start immediately a conversation with Type 1, the call may be on the DT830G.

STEP 1: Press and hold the Path key when the terminal is in idle status.

STEP 2: You will hear a beep tone when the terminal mode is switched.

- Smart Device Type (Type 1): The beep tone sounds once.
- Smart Device Type (Type 2): The beep tone sounds twice.

Note For details of recommended type of mode, contact the system administrator.

OTHER FEATURES

• To mute the hands-free microphone

Hands-free microphone can be enabled/disabled by the following procedure while hands-free call is operated in the Mobile Phone mode.

STEP 1: Press the Mic key or the Feature key and ① while hands-free call is operated.

STEP 2: When the microphone is enabled, the Mic key lights red. If the microphone is disabled, the Mic key turns off. Then, the microphone is in mute status.

• To play music

While Bluetooth® connection between DT830G and a mobile phone is established, you can play music through the speaker of the terminal.

STEP 1: Play the music on the mobile phone. For more information about how to play music, refer to the manual of the mobile phone.

STEP 2: When the phone is hung up, the Speaker key lamp lights red and the music will be played through the speaker automatically. If you lift the handset while the music is playing, the music will come from the handset through the receiver. However, when you replace the handset on DT830G, the music will stop.

STEP 3: Press the volume key to adjust the sound volume.

• To stop music

STEP 1: Press the Speaker key while the music sounds. The Speaker key lamp turns off and the music stops. If you press the Speaker key one more time, the music will be played again.

Note To adjust the volume for the sound of the music, press the Volume key on the terminal. However, adjust the volume on the mobile phone for cases, such as when the adjusted sound is distorted, or the volume is low. Depending on the mobile phone model, the volume level cannot be adjusted.

Note Even if you stop the music on the terminal, the music keeps playing on mobile phone. Therefore, be sure to stop the music on the mobile phone.

APPENDIX C USB CALL RECORDING

USB CALL RECORDING

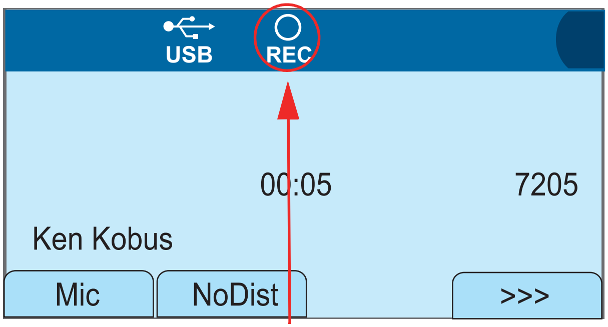
You can record the voice call data to a USB memory, the recorded voice call data can be played later. When the call is being recorded or when a recording error occurs, the status is indicated as an icon on the LCD of the terminal.

When the recording starts, the recording confirmation tone will be sent to the target party at an interval of 15 seconds. However, the recording confirmation tone can also be disabled. For the recording data, a tone of recording start is saved in the USB memory to check the timing of recording start (or restart from a recording pause) while the recorded voice is played.

Note	For using this feature, the following system software version and terminal firmware version are required. - SV9500 V2 or later - Terminal firmware version 3.0.0.0 or later
Note	For format types of USB memory, be sure to use a USB memory (USB 2.0 or later) which has been formatted as FAT or FAT32. Other USB devices (hard disk with USB connector or card reader with USB connector etc.) are not available.
Note	The maximum recordable time depends on the storage capacity of the recording area.
Note	NEC recommends a capacity of the recording area of more than 200 MB (50 minutes recordable by linea PCM (16kHz)), and a maximum memory size of recording data of 4G (when you format the USB memory with FAT32)/1G (when you format the USB memory with FAT).
Note	Up to 3999 recording files can be saved.
Note	Be sure not to remove the USB device while the telephone conversation is being recorded or played back. It may cause corruption of the USB memory or recorded files.

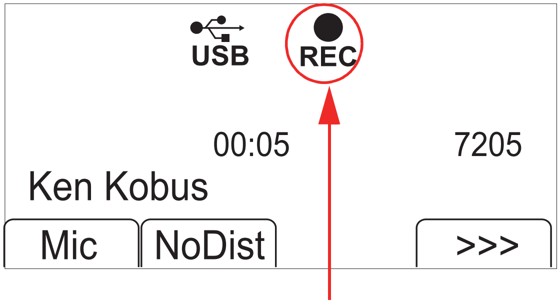
- **STATUS ICONS AND LED DISPLAY**

[DT830G(24CG)]



Status Icon

[DT830G(24DG)]



Status Icon

The status icons displayed on the LCD while the call recording is executed and the LED status are explained below. Also, when the recordable time becomes less than 30 minutes or the call recording becomes disabled, the call recording icon and the warning icon are indicated alternatively.

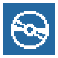
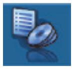
Recording Status	ICON	Recordable Time	LED Status
USB call recording is stopped/paused	CG: 🎙 DG: 🎙	30 minutes or more	Turned off

Recording Status	ICON	Recordable Time	LED Status
USB call recording is stopped/paused	CG: 🎙 🗄 Alternately displayed per second. DG: 🎙 🗄 Alternately displayed per second.	Less than 30 minutes	Flashing Orange (1 second cycle)
	CG: 🎙 ⚠ Alternately displayed per second. DG: 🎙 ⚠ Alternately displayed per second.	Not recordable	Flashing Orange (250ms cycle)

Recording Status	ICON	Recordable Time	LED Status
While executing USB call recording	CG: ○ REC	30 minutes or more	Lighting Red
	DG: ● REC		
	CG: ○ REC ▤ Alternately displayed per second.	Less than 30 minutes	Flashing Red (1 second cycle)
	DG: ● REC ▤ Alternately displayed per second.		
	CG: 🎙 ⚠ Alternately displayed per second.	Not recordable	Flashing Red (250ms cycle)
	DG: 🎙 ⚠ Alternately displayed per second.		

Recording Status	ICON	Recordable Time	LED Status
Recording standby	CG: ⏸ REC	30 minutes or more	Lighting Green
	DG: ⏸ REC		
	CG: ⏸ REC ▤ Alternately displayed per second.	Less than 30 minutes	Flashing Green (1 second cycle)
	DG: ⏸ REC ▤ Alternately displayed per second.		
	CG: 🎙 ⚠ Alternately displayed per second.	Not recordable	Flashing Green (250ms cycle)
	DG: 🎙 ⚠ Alternately displayed per second.		

The LCD displays the following icons in the History and Menu screen.

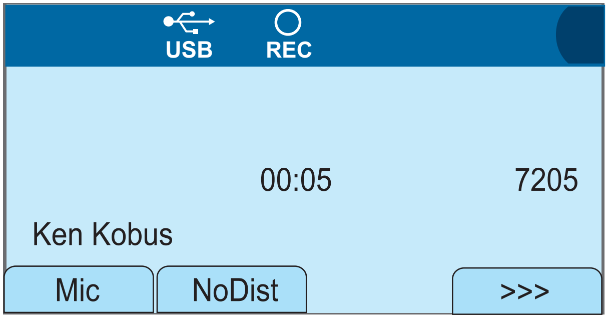
ICON		Description
Recording icon	CG: 	This icon appears on the LCD when the call recording data is saved on the call history. If no call recording data is saved, this icon will not appear on the LCD.
	DG:	
Recording list icon	CG: 	When a USB memory with call recording data is connected to the terminal, this icon appears in the Menu screen. If other service URL is registered, Service icon is displayed instead of this icon.
	DG:	

- **To record a call manually**

This section explains the procedure for recording a call manually. The call recording operation is executed by pressing Programmable Feature Key or "USB Record" key which is assigned to a Soft Key.

Note USB Record key is assigned at installation. For details, contact the system administrator.

STEP 1: Press the USB Record key while talking on the terminal. The icon of call recording appears as the status icon on the LCD.



TIP When you press the USB Record key while the call is being recorded, the call recording will be suspended and the call recording status changes to standby status. To restart the call recording, press USB Record key in the standby status.

Note When the recording starts, the recording confirmation tone will be sent to the target party at an interval of 15 seconds. This setting depends on the setting of administrator.

STEP 2: When the conversation finished by going off-hook, the call recording is also finished.

- **To record a call automatically**

When automatic call recording is set, the call recording will be executed automatically from the beginning of the conversation by going off-hook or pressing speaker key to the end of the conversation by going on-hook or pressing speaker key.

Note The automatic call recording is set at installation. For details, contact the system administrator.

TO PLAY A RECORDED CALL

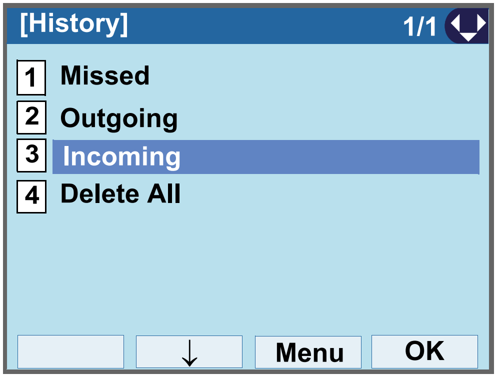
- **To play a recorded call from Call History**

You can play a recorded call from the call history by selecting the 2 **Outgoing** or 3 **Incoming** from **History**.

STEP 1: Display the **Menu** screen, and select **History**.

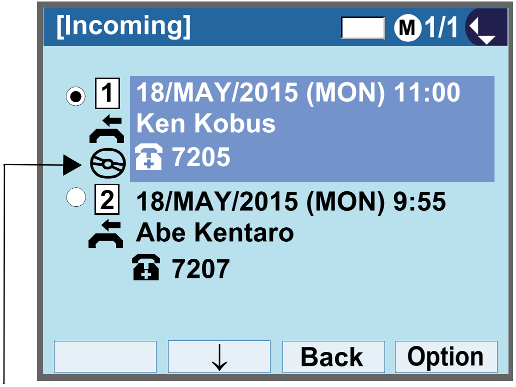
STEP 2: Select 2 **Outgoing** or 3 **Incoming**.

In this example, 3 **Incoming** is selected.
Select an item by one of the following operations.
- Highlight an item by using ◎ or **UP/DOWN** soft key, and press ◎, ◎ or **OK**.
- Press ③.



STEP 3: Select the incoming call with the recording icon, and press **Option**.

- Highlight an item by using or **UP/DOWN** soft key, and confirm the incoming call with call recording data.



[Incoming] M 1/1

● 1 18/MAY/2015 (MON) 11:00
Ken Kobus
☎ 7205

○ 2 18/MAY/2015 (MON) 9:55
Abe Kentaro
☎ 7207

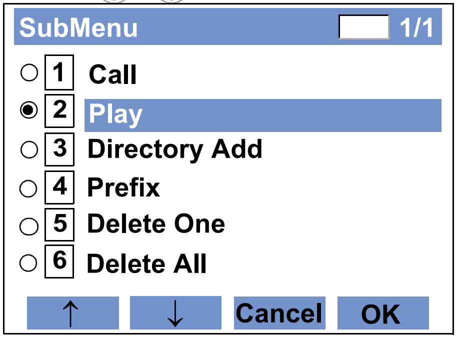
The icon indicates that the call has been recorded.

Note If you remove the USB memory while the incoming/outgoing calls are displayed, the call recording icon will disappear from the screen.

STEP 4: From the SubMenu, select 2 **Play**.

The following is the procedure to play.

1. Highlight an item by using or **UP/DOWN** soft key, or press ②.
2. Press , or **OK**.



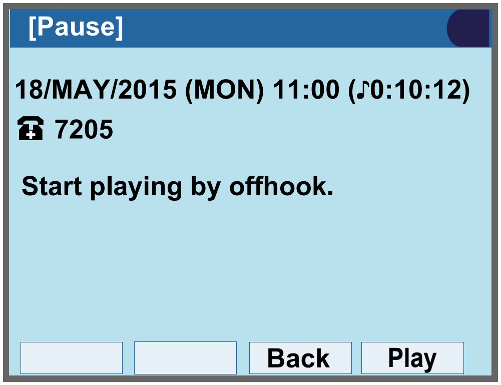
SubMenu 1/1

○ 1 Call
● 2 Play
○ 3 Directory Add
○ 4 Prefix
○ 5 Delete One
○ 6 Delete All

Note If the USB memory has no data of the recorded telephone conversation, or the USB memory is not connected to the terminal, an error message appears.

Note From the SubMenu, if you selected "Play" for the call history data which has no call recording icon, an error message appears, and the call recording data cannot be played.

STEP 5: Go off-hook or press Speaker key to start playing the call recording data.



[Pause]

18/MAY/2015 (MON) 11:00 (♪0:10:12)
☎ 7205

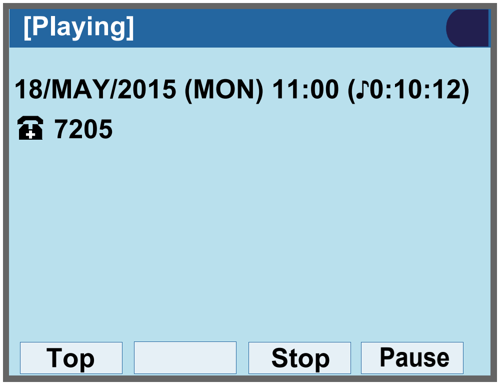
Start playing by offhook.

TIP To back to the incoming call history screen, press **Back** soft key.

STEP 6: After a tone indicating the start of playback, the recorded call will be played.

You can control the playback of a recorded call as follows:

- Press **Top** to play the call from the beginning
- Press **Stop** to finish playing, and go to STEP 7.
- Press **Pause** to pause playing.



[Playing]

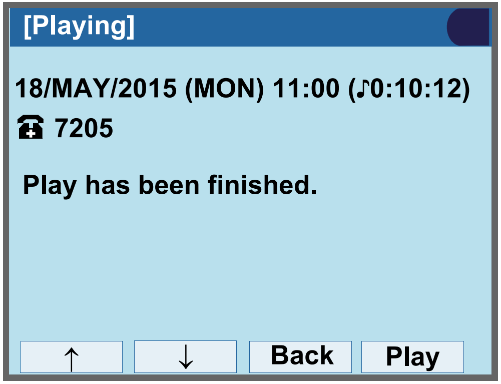
18/MAY/2015 (MON) 11:00 (♪0:10:12)

☎ 7205

STEP 7: When the playback of the recorded call has finished, the following message appears.

You can navigate through the recorded calls as follows.

- Press “↑” to display a newer recording data
- Press “↓” to display a older recording data
- Press **Back**, and a screen switching message appears on the LCD. Then, go to STEP 8.
- Press **Play** to play the call recording data again.



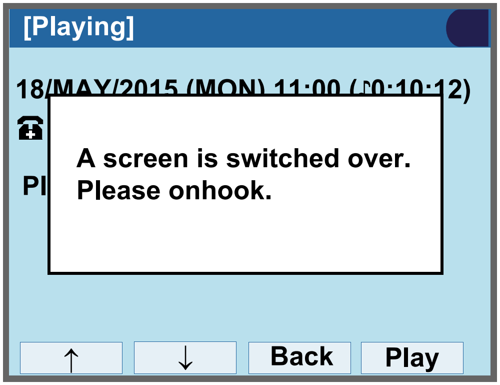
[Playing]

18/MAY/2015 (MON) 11:00 (♪0:10:12)

☎ 7205

Play has been finished.

STEP 8: Go on-hook or wait for 3 seconds after the message appears, then, you are back to the incoming call screen.



[Playing]

18/MAY/2015 (MON) 11:00 (♪0:10:12)

A screen is switched over.
Please onhook.

• To play a recorded call from the recording list

Display the call recording data list, and play a recorded call from the SubMenu. The recording list menu is displayed on the top of **Service** in the **Menu** screen. Also, if other services are not registered, the recording list icon appears on the top of **Service** icon.

Note If the storage capacity of USB memory is insufficient for recording, unsuccessful record of the call will not be displayed on the recording list.

Note The recording list is updated with the latest data recorded up to the capacity of the recording media. However, the recorded file may not be able to play.

Note The call which is currently being recorded will not be displayed on the recording list. Also, when you attempt make a call from the recording list of SubMenu, if there is no data of the target party in the recording list, you cannot make a call.

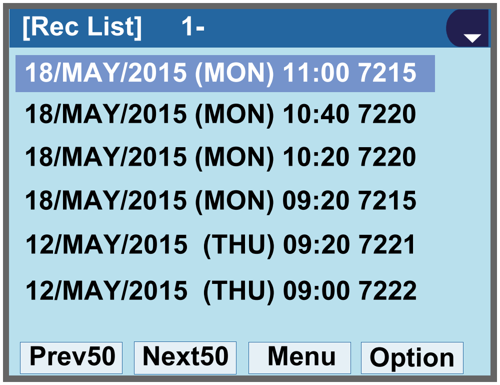
Note If you make a call to another line without going on-hook while talking to the current party, the recorded data is displayed as a file on the recording list. However, if you make a call to another line by pressing the line key while talking to the current party, depending on the timing of the key presses, the recording data may be displayed as separated files on the recording list.

The following is the procedure to display the recording list.
(when no services other than recording list are registered)

STEP 1: Display the **Menu** screen, and select **Rec List**.

Note If the USB memory has no recorded call, or the USB memory is not connected to the terminal, an error message appears.

STEP 2: The recording list is displayed.



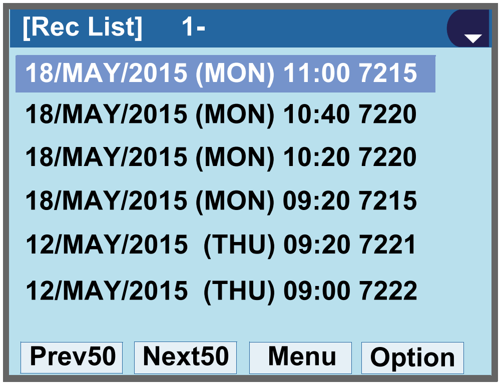
18/MAY/2015 (MON) 11:00 7215
18/MAY/2015 (MON) 10:40 7220
18/MAY/2015 (MON) 10:20 7220
18/MAY/2015 (MON) 09:20 7215
12/MAY/2015 (THU) 09:20 7221
12/MAY/2015 (THU) 09:00 7222

(when services other than recording list are registered)

STEP 1: Display the **Menu** screen, and select **Service**.

STEP 2: Select **Rec List** from **Service**.

STEP 3: The recording list is displayed.



18/MAY/2015 (MON) 11:00 7215
18/MAY/2015 (MON) 10:40 7220
18/MAY/2015 (MON) 10:20 7220
18/MAY/2015 (MON) 09:20 7215
12/MAY/2015 (THU) 09:20 7221
12/MAY/2015 (THU) 09:00 7222

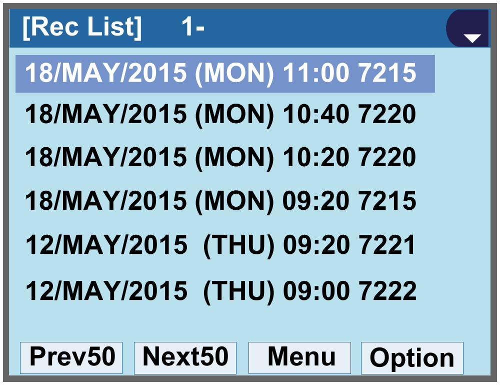
• To play a recorded data from the recording list

This section explains the procedure to play a recorded data from the recording list.

STEP 1: Select recorded data from the recording list.

Select an item by either of the following method.

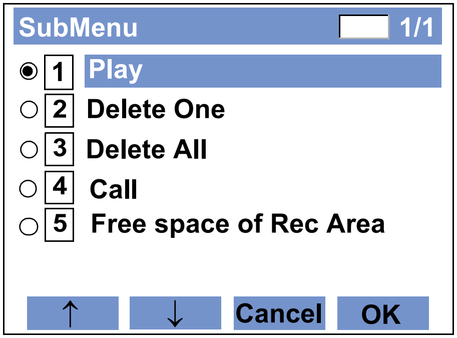
- Highlight an item by using , and press , . Then, the pause screen appears, go to STEP 3.
- Press **Option** and SubMenu will be displayed. Go to STEP 2.


[Rec List] 1-

18/MAY/2015 (MON) 11:00 7215
18/MAY/2015 (MON) 10:40 7220
18/MAY/2015 (MON) 10:20 7220
18/MAY/2015 (MON) 09:20 7215
12/MAY/2015 (THU) 09:20 7221
12/MAY/2015 (THU) 09:00 7222

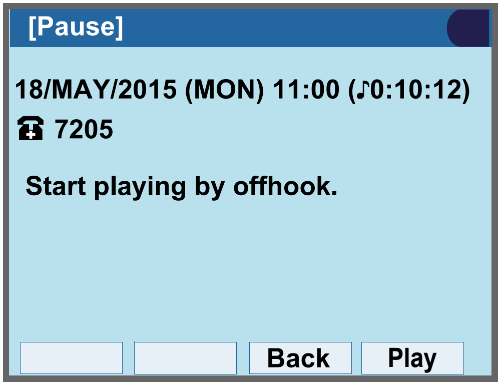
STEP 2: From the SubMenu of the recording list, Select 1 **Play**.

Select 1 **Play**. After that, press , , or **OK.**


SubMenu 1/1

● 1 Play
○ 2 Delete One
○ 3 Delete All
○ 4 Call
○ 5 Free space of Rec Area

STEP 3: Go off-hook or press Speaker key to start playing the call recording data.


[Pause]

18/MAY/2015 (MON) 11:00 (♪0:10:12)
☎ 7205

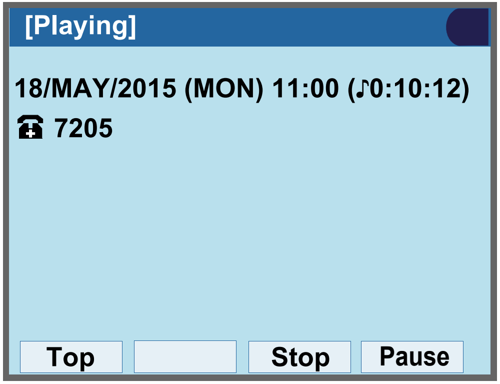
Start playing by offhook.

TIP To back to the incoming call history screen, press **Back** soft key.

STEP 4: After a tone indicating the start of playback, the recorded call will be played.

You can control the playback of a recorded call as follows:

- Press **Top** to play the call from the beginning
- Press **Stop** to finish playing, and go to STEP 5.
- Press **Pause** to pause playing.



[Playing]

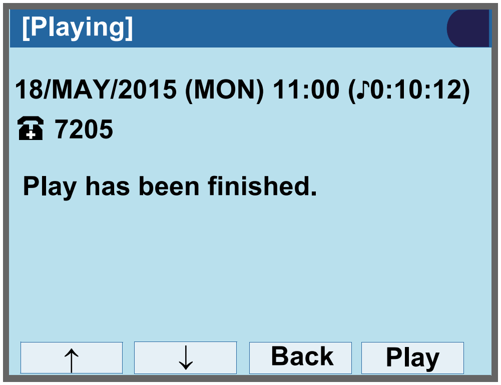
18/MAY/2015 (MON) 11:00 (♪0:10:12)

☎ 7205

STEP 5: When the playback of the recorded call has finished, the following message appears.

You can navigate through the recorded calls as follows:

- Press "↑" to display a newer recording data
- Press "↓" to display a older recording data
- Press **Back**, and a screen switching message appears on the LCD. Then, go to STEP 6.
- Press **Play** to play the call recording data again.



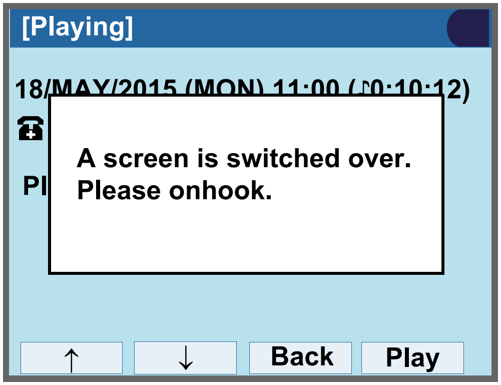
[Playing]

18/MAY/2015 (MON) 11:00 (♪0:10:12)

☎ 7205

Play has been finished.

STEP 6: Go on-hook or wait for 3 seconds after the message appears, then, you are back to the incoming call screen.



[Playing]

18/MAY/2015 (MON) 11:00 (♪0:10:12)

A screen is switched over.
Please onhook.

TO DELETE A RECORDED CALL

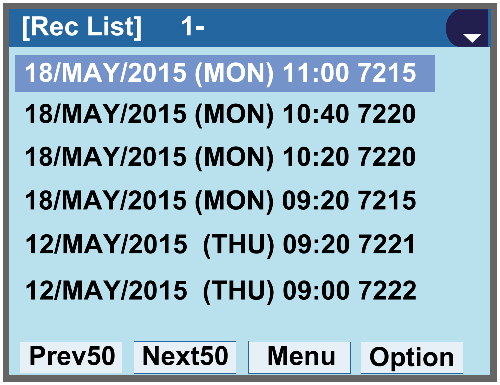
The recorded call can be deleted by the delete operation from the recording list. When the recorded call has been deleted from the recording list, the recording icon also disappears from the **History** screen.

Note When you delete only the incoming/outgoing call history, the recorded data will not be deleted.

Note When the recordable time of USB memory is less than 6 minutes or the files of recorded data exceeds 3998, the recorded files will be deleted in chronological order starting from the oldest one, until the recordable time becomes 6 minutes or more or the number of recording files become less than 3997. For the details, contact the System Administrator.

• To delete one recorded call at a time

STEP 1: From the recording list, select a call to delete by using ◎, and press **Option**.

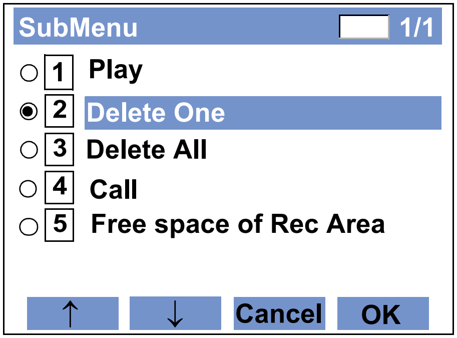


[Rec List] 1-

18/MAY/2015 (MON) 11:00 7215
18/MAY/2015 (MON) 10:40 7220
18/MAY/2015 (MON) 10:20 7220
18/MAY/2015 (MON) 09:20 7215
12/MAY/2015 (THU) 09:20 7221
12/MAY/2015 (THU) 09:00 7222

Prev50 | Next50 | Menu | Option

STEP 2: From the SubMenu of the recording list, select 2 **Delete One** by using ◎ or **UP/ DOWN** soft key, and press ◎ or **OK**.

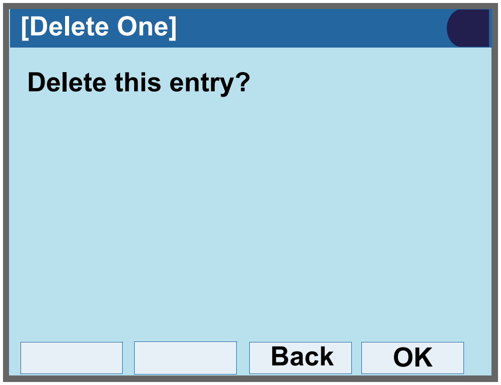


SubMenu 1/1

○ 1 Play
● 2 Delete One
○ 3 Delete All
○ 4 Call
○ 5 Free space of Rec Area

↑ | ↓ | Cancel | OK

STEP 3: When the following screen appears, press ◎ or **OK**.

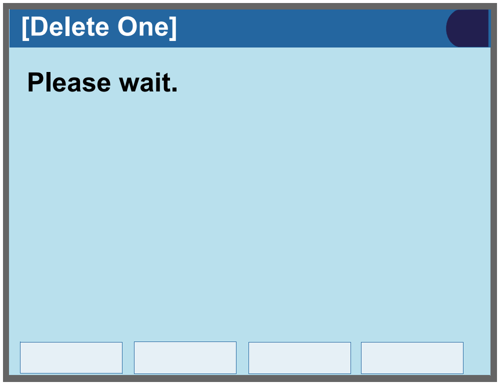


[Delete One]

Delete this entry?

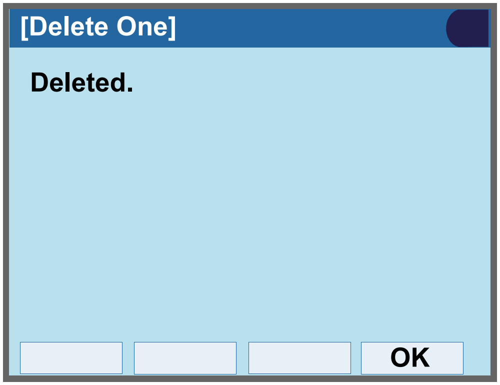
Back | OK

After that, the following message appears.


[Delete One]

Please wait.

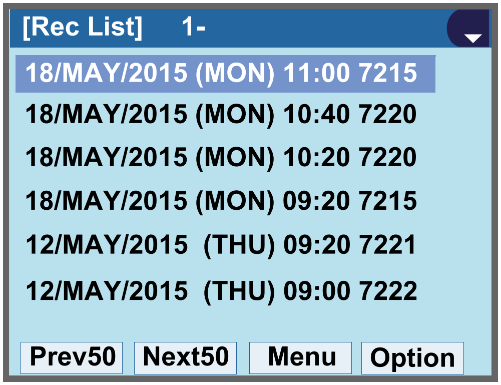
STEP 4: When the following message appears, press or **OK** to go back to the recording list.


[Delete One]

Deleted.

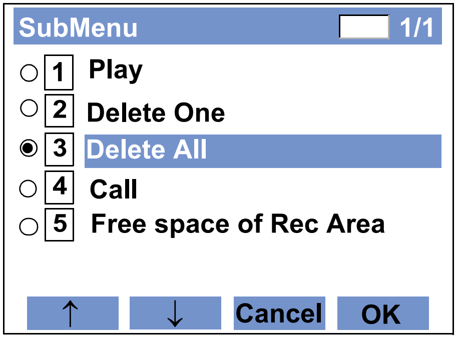
• To delete all recorded calls from the recording list at a time

STEP 1: From the recording list, press **Option**.


[Rec List] 1-

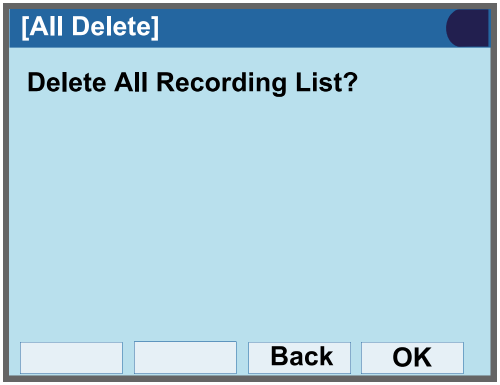
18/MAY/2015 (MON) 11:00 7215
18/MAY/2015 (MON) 10:40 7220
18/MAY/2015 (MON) 10:20 7220
18/MAY/2015 (MON) 09:20 7215
12/MAY/2015 (THU) 09:20 7221
12/MAY/2015 (THU) 09:00 7222

STEP 2: From the SubMenu of the recording list, select 3 **Delete All** by using or **UP/DOWN** soft key, and press or **OK**.


SubMenu 1/1

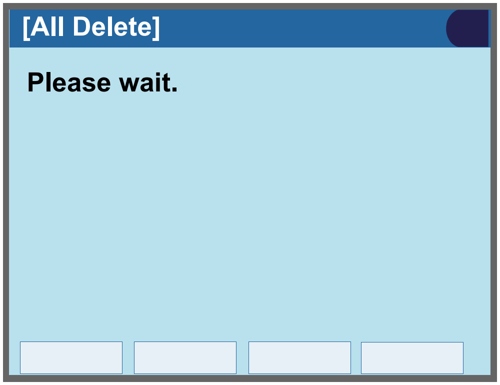
○ 1 Play
○ 2 Delete One
● 3 Delete All
○ 4 Call
○ 5 Free space of Rec Area

STEP 3: When the following screen appears, press ◉ or **OK**.


[All Delete]

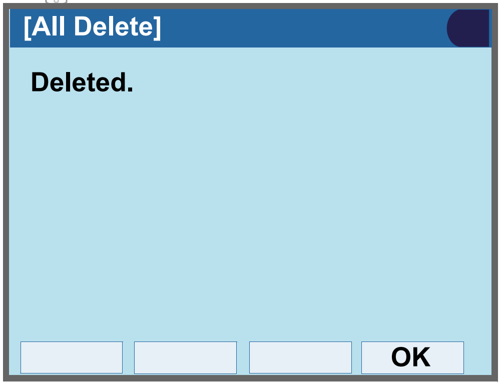
Delete All Recording List?

After that, the following message appears.


[All Delete]

Please wait.

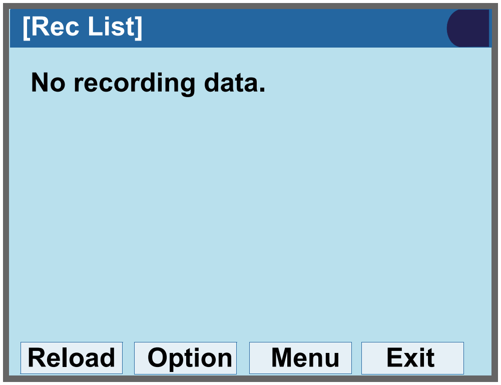
STEP 4: When the following message appears, press ◉ or **OK**.


[All Delete]

Deleted.

STEP 5: After all the recorded data has been deleted from the list, the following message appears.

If you go back to the **Menu** screen, press **Menu**. If you go back to the **Desktop** screen, press **Exit**.


[Rec List]

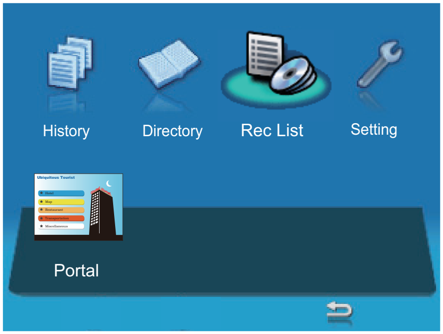
No recording data.

- ### To check the free space of USB memory

This section explains how to check the free space of USB memory.

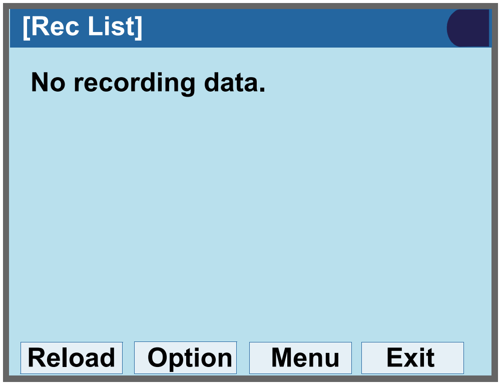
(when there is no data in the USB memory)

STEP 1: Display the **Menu** screen, and select **Rec List**.



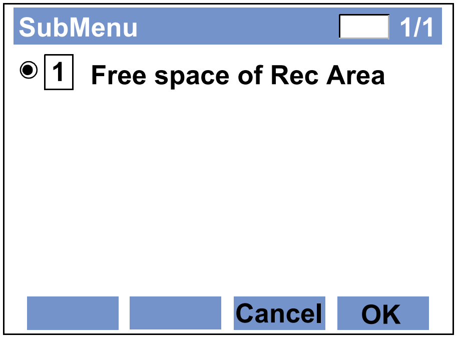
TIP When other services are registered, select **Service** → **Rec List**.

STEP 2: When the following screen appears, press **Option** to display SubMenu.



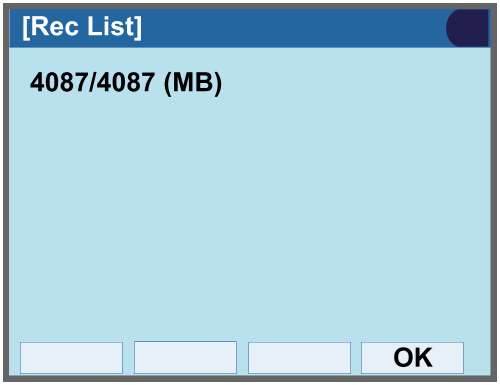
No recording data.

STEP 3: Press ◉ or **OK**.



● 1 Free space of Rec Area

STEP 4: The free space of USB memory is displayed. Press **OK** to go back to the recording list.

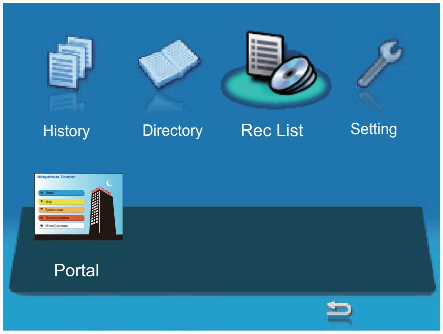


[Rec List]

4087/4087 (MB)

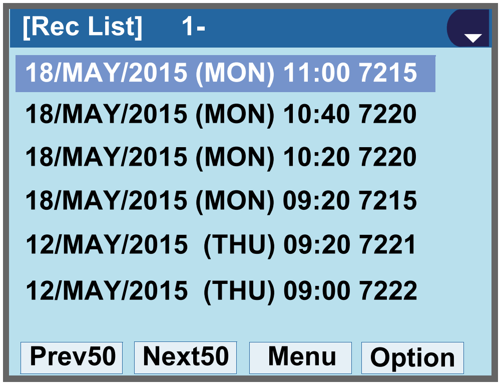
(when there are some recording data in the USB memory)

STEP 1: Display the **Menu** screen, and select **Rec List**.



TIP When other services are registered, select **Service** → **Rec List**.

STEP 2: When the following screen appears, press **Option** to display SubMenu.



[Rec List] 1-

18/MAY/2015 (MON) 11:00 7215

18/MAY/2015 (MON) 10:40 7220

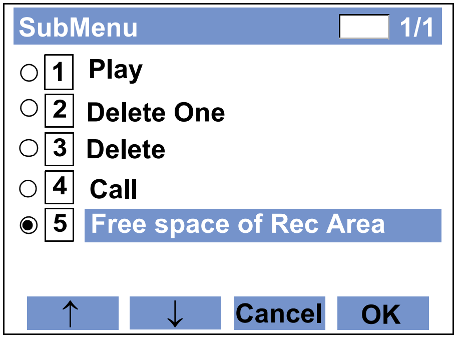
18/MAY/2015 (MON) 10:20 7220

18/MAY/2015 (MON) 09:20 7215

12/MAY/2015 (THU) 09:20 7221

12/MAY/2015 (THU) 09:00 7222

STEP 3: From the SubMenu of the recording list, select 5 **Free space of Rec Area** by using ◎ or **UP/DOWN** soft key, and press ◎ or **OK**.



SubMenu 1/1

○ 1 Play

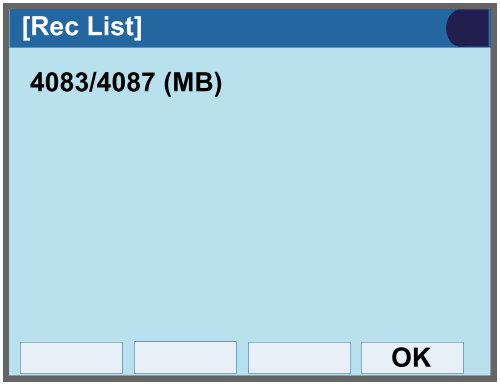
○ 2 Delete One

○ 3 Delete

○ 4 Call

● 5 Free space of Rec Area

STEP 4: The free space of USB memory is displayed.
Press **OK** to go back to the recording list.



4083/4087 (MB)

APPENDIX D HEADSET OPERATION

ATTACHING THE HEADSET

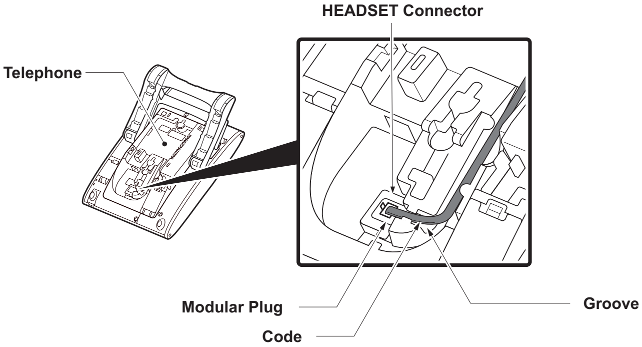
Connect the headset to HEADSET connector on the back of the telephone following the procedure below.

Note The headset which can be connected to the telephone is “HW251N-A10 (manufactured by Plantronics)”.

• TO CONNECT THE HEADSET

STEP 1: Insert the modular plug into the HEADSET connector on the back of the telephone until it clicks.

STEP 2: Place the headset cord into the groove as shown in the figure below, and fix it.



TERMINAL OPERATION USING THE HEADSET

The following procedure explains how to operate a terminal using the headset. While using the headset, the operations equivalent to answering and ending a phone call are available by pressing the **Headset** key.

Note Headset key must be programmed in advance. For the programming of Headset key, contact the system administrator.

To Originate a Call

STEP 1: Press the **Headset** key, and the **Headset** key lights red.

STEP 2: Line key lights green and dial tone is received.

STEP 3: Dial a desired telephone number, after the target party answers the call, you can start a conversation.

STEP 4: Press **Headset** key to end the call, and the **Headset** key turns off.

Note To switch to handset mode, lift the handset and press Headset key during a conversation.

To Answer a Call

STEP 1: Press the **Headset** key while the ringing tone is on, and the **Headset** key lights red.

STEP 2: Press the flashing line key to start a conversation with another line. Depending on the setting at the installation stage, you can answer the call by pressing Answer key instead of line key.

STEP 3: Press **Headset** key to end the call, and the **Headset** key turns off.

Note To switch to headset mode, press Headset key during a conversation.

ADUSTING HEADSET RINGER TONE VOLUME

You can adjust the ringer tone volume for a headset in idle/busy status.

Note To provide a ringer tone from the headset, the system configuration is required. For details, contact the system administrator.

Note Ringer tone volume can be adjusted only for a wired headset connected to the terminal headset connector.

Note Ringer tone volume in busy status cannot be changed when the ringer tone is set to come from both the speaker and the headset. For details, contact the system administrator.

To Adjust the Ringer Tone Volume in Idle Status

STEP 1: Press the **Headset** key while in idle status to switch from headset mode to handset mode, and the **Headset** key lamp turns off.

STEP 2: Receives a call from another line.

STEP 3: Press **Up/Down** ( ) key while a ringer tone is on.

For Ringer Tone Volume in Busy Status

If other lines are accommodated in the telephone as a subline, the ring tone volume of a subline call received while being in the middle of a call through the headset will be lower than usual.

> **Note** When you receive another call during a call through the headset, the ringer tone volume for other lines in headset mode can be set to the same level as the normal two-way call. For details, contact the system administrator.

HOW TO USE THE WIRELESS HEADSET

When using Wireless Headset (WT100-EHS-NE (manufactured by Plantronics)), you can answer a call, have a conversation, or disconnect the call with hooking operations. This section explains the terminal operation using Wireless Headset.

> **Note** The Hook key of Wireless Headset must be programmed in advance. For the programming of Headset key, contact the system administrator.

> **Note** For details on how to connect a telephone and Wireless Headset, see the manual attached to the Wireless Headset.

To Answer a Call

STEP 1: Press the **Hook** key of the Wireless Headset while the ringing tone is on, and the **Hook** key lights red. Depending on the setting at the installation stage, you can answer the call by pressing Answer key instead of **Hook** key.

STEP 2: Press **Hook** key to end the call, and the **Hook** key turns off.

MENU LIST

MENU LIST FOR DT830G (ITZ-12/24CG-3)

Menu Item	Description
Menu	Press Menu to display the **Menu** screen.
History	Select this option to view the Call History data. Also, you can add the history data to the directory.
Directory	Select this option to access the directory feature. There are the following three types of directory features: Personal Directory, Phonebook and Corporate Directory. This chapter explains the menu list for Personal Directory feature.
Service/Rec List	Select this option to display the screen of XML application/Photo Frame application registered in the service URL. If the data of a recorded call is saved in a USB memory and any Service URL are not registered, Rec List is displayed.
Setting	Select this option to make the user setting of DT830G.
Portal	Select this option to display XML application screen registered in the home URL.

Menu List For **History**

Menu Item		Description	Default Value
History			
	1 Missed	Select this option to view the history of missed calls. You can also make a call from this menu.	-
	2 Outgoing	Select this option to view the history of outgoing calls. You can also make a call from this menu.	-
	3 Incoming	Select this option to view the history of incoming calls. You can also make a call from this menu.	-
	4 Delete All	Select this option to delete all the history data.	-

SubMenu

Press **Option** soft key or **HELP** key while the history data is displayed.

Menu Item	Description	Default Value
SubMenu		
1 Call	Select this option to make a call to the party currently displayed on the history data.	-
2 Directory Add	Select this option to add the party currently displayed on the history data to the personal directory.	-
1 New	Select this option to add the call history data to the personal directory.	-
Category Set	Select this option to specify the phone number type such as Company, Mobile, Voice Mail, Home or Others.	Company
Priority Flag	Select this option to specify whether to use Enable or Disable.	Disable
Edit	Select this option to edit the directory data.	-
2 Addition	Select this option to edit the personal directory data from a call history.	-
Directory Search	Select this option to search the directory data.	-
Directory	Select this option to register the telephone number to the data searched from the directory.	-
3 Prefix	Select this option to add Prefix to telephone number displayed in the history data.	-
4 Delete One	Select this option to delete the current history data.	-
5 Delete All	Select this option to delete all history data of a specific call type (“missed”, “outgoing” or “incoming”)	-

Menu List For **Directory**

Menu Item	Description	Default Value
Directory	From **Menu** screen, select $\boxed{2}$ Directory → $\boxed{1}$ Personal.	-
1 Personal	Select this option to view the Directory controlled by the telephone.	
1 Search	Select this option to search the personal directory.	-
1 Group	Select this option to specify a group as a search condition.	-
2 Name	Select this option to enter the target name and perform a search.	-
3 Tel Number	Select this option to enter the target telephone number as a search condition.	-
4 Other	Select this option to perform a search by one of the following conditions.	-
1 Memory ID	Select this option to search by a memory number.	-
2 Category	Select this option to search by a category.	-
3 Company	Select this option to search by a company name.	-
4 Alphabet	Select this option to search by alphabet.	-

Menu Item	Description	Default Value
2 Edit	Select this option to add new data to the personal directory.	-
1 Name	Select this option to enter a name of the target party to be added to the directory.	-
2 Group	Select this option to select a group to which the target party belongs.	Default
3-6 Tel #1-Tel #4	Select this option to enter the telephone number of the target party.	-
Category Set	Select this option to specify phone number type (such as Company, Mobile, Voice Mail, Home or Others).	Company
Priority Flag	Select this option to specify whether to use the priority order for the dialing number when originating a call.	Disable
7 Company Name	Select this option to enter a company name of the current phone terminal.	-
8 Ring Tone	Select a ringer tone type per caller.	Default (follows group settings)
9 Illumination	Select an illumination pattern (color) of the call indication lamp.	Default (follows group settings)
0 Memory ID	Select this option to enter a memory number to be assigned to the target party.	-

Menu Item	Description	Default Value
3 Group Setting	Select this option to change a group name.	-
1. Default	Select a desired group name to be changed.	-
2. Colleagues		
3. VIPs		
4. Family		
5. Friends		
6. Group 6 - 20. Group 20		
1 Name	Select this option to enter a new group name.	-
2 Ring Tone	Select this option to select a ringer tone type per group.	Default (follows terminal settings)
3 Illumination	Select this option to select an illumination pattern (color) of the call indication lamp.	Default (follows terminal settings)
4 Own Number	Select this option to view the number of the current phone terminal.	-
0 Delete All	Select this option to delete all the data registered in the directory.	-
2 System	Select this option to view the Directory controlled by the system.	-
3 Corporate	Select this option to view the Directory controlled by the external XML server.	-

Menu List For **Setting**

Menu Item	Description	Default Value
Setting		
1 User Setting	Select this option to configure the user setting of DT830G.	-
1 Incoming Call	Select this option to set up for incoming calls.	-
1 Ring Volume	Not used.	-
2 Offhook Ring	Select this option to specify whether to use the Off-hook ringing. (Disable/Enable)	Enable
3 Headset Ring	Select this option to specify whether to use the headset ringing. (Disable/Enable)	Disable
4 Ring Tone	Select a ringer tone for External Call and Internal Call. (Automatic/Tone Type 1~14/Download 1~3)	Automatic (Tone Type1)
5 Illumination	Select this option to set the illumination pattern for External Call and Internal Call. (Automatic/Disable/Red/Green/Blue/Yellow/Purple/Light Blue/White/Rotation)	Automatic (Red)
2 Talk	Select this option to set up for telephone conversation.	-
1 RTP Alarm	Select this option to specify whether to use the RTP alarm. (Automatic/Disable/Enable)	Automatic
2 DTMF Tone	Select this option to specify whether to use the DTMF tone. (Automatic/Disable/Enable)	Automatic
3 Key Touch Tone	Select this option to set the key touch tone generated when the digit keys are pressed while the telephone is off-hook. (Automatic/No Tone/Tone/Voice)	Automatic (Tone)
4 Hold Music	Select a Music on Hold to be heard by DT830G user. (Default/Download)	Default
5 Prefix	Select this option to register a Prefix number. (Prefix 1~Prefix 3)	-

Menu Item			Description	Default Value
3 Display **Note 1**			Select this option to set up for the LCD display.	-
	1 Calender Format		Select this option to set up for calender display format and time display format.	-
		1 Calender Format	Select this option to configure the type of calender display format. (Automatic/Type 1/Type 2/Type 3/Type 4/Type 5)	Automatic (Type 1)
		2 Time Format	Choose between 12-hour and 24-hour clock format.	Automatic (12-hour format)
	2 Local Volume		Specify whether to display the following volume levels: handset receiver volume, speaker volume, ringer tone volume and LCD contrast. (Automatic/Disable/Enable)	Automatic (Enable)
	3 Screen Saver		Select this option to set up Screen Saver related data.	-
		1 Screen Saver Mode	Select this option to specify whether to use a Screen Saver. (Disable/Enable)	Disable
		2 Wait Time	Select this option to specify the Wait Time to launch a Screen Saver (1-999 min)	120min
	4 Back Light		Select this option to set the brightness of the backlight. 1. Level 1 (Bright) ~ 4. Level 4 (Dark)	Level 2
	5 Font Size		Select this option to change the font size displayed on an LCD. (Standard (28 dots)/Small (24 dots))	Standard
		1 Standard		
		2 Small		
	6 Language		Select this option to select a language to be displayed on an LCD.	Automatic

Menu Item	Description	Default Value
7 Advanced	Select this option to set up for the following additional data.	-
1 Wallpaper	Select this option to specify the Home screen background. (Default/Download)	default
2 Shortcut Icon	Not used.	-
3 Font Color	Select this option to specify the font color for the Time Display/Feature Information Display area. * You can check the color by selecting each color number. (Color 1 ~ Color 16)	Color 2
4 Turn Off Display	Select this option to specify the data when turning off the display automatically.	-
1 Turn Off Display Mode	Select this option to set up for Turn Off Display Mode. (Disable/Enable/App Priority)	App Priority
2 Wait Time	Select this option to specify the time until turning off the display. (1-999 min.)	180min
5 Backlight Fade Control	Select this option to specify whether Backlight Fade Control is in service, when turning on/off the backlight of the LCD. (Disable/Enable)	Enable

Menu Item	Description	Default Value
4 Change Password	Select this option to change the password to lock/unlock the telephone.	0000
5 Security	Not used.	-
6 Peripherals	Select this option to setup the usage of the peripheral equipment of DT830G.	-
1.USB Memory	Select this option when removing a USB memory from the terminal.	
2.BCA Option	Select this option to configure the BCA.	-
1.BCA Connection Settings	Select this option to make the BCA connection settings.	-
1. Auto Connection	Select this option to use Auto Connection. (Disable/Enable)	Enable
2. Connection Cycle	Select this option to set Bluetooth connection cycle. (3 Seconds/10 Seconds/1 Minute/10 Minutes)	10 seconds
2.Interrupt Ringing	Select this option to specify whether to use Interrupt Ringing. (Disable/Enable)	Enable
3.Smart Device Type	Select this option to set the type of Smart Device. (Type 1/Type 2)	Type 1
4.Auto Path Switch	Select this option to specify whether to use Auto Path Switch (Disable/Enable)	Enable
5.Illumination	Select this option to Set the illumination pattern (color) for informing call termination. (Disable/Red/Green/Blue/Yellow/Purple/Light Blue/White/Rotation)	Blue
7 Usability	Select this option to set up for the operation of the Help key while Pop-up window is displayed.	-
1.Help Key Mode	Select this option to set up for Help Key Mode (SubMenu/Popup Window)	SubMenu
0 Setting Reset	Select this option to reset the telephone settings.	-

Menu Item	Description	Default Value
2 Download	Set the data required when downloading a file.	-
1 Download Files	Select this option to download files for Music on Hold, ringer tone, Directory and Wallpaper	-
1 Hold Music	Select this option to download a file for Music on Hold.	MOH.wav
2 Ring Tone	Select this option to download files for ringer tones (Download 1 to 3).	-
1 Download 1	Select this option to download a file for ringer tone (Download 1).	Melody1.wav
2 Download 2	Select this option to download a file for ringer tone (Download 2).	Melody2.wav
3 Download 3	Select this option to download a file for ringer tone (Download 3).	Melody3.wav
3 Directory	Select this option to download the directory files.	Directory.csv
2 Download Address	Select this option to enter an IP address of the FTP/TFTP server.	0.0.0.0
3 Protocol	Select this option to specify a protocol of the server (either FTP or TFTP).	FTP
4 FTP Settings	Select this option to set necessary data when using FTP service.	-
1 User ID	Select this option to enter a user ID for downloading via FTP server.	-
2 Password	Select this option to enter a password for downloading via FTP server.	-
3 Folder	Select this option to specify the directory where the downloaded file is stored.	-

Menu Item				Description	Default Value
	3 Data Backup/Restore			Select this option to set the data required for a file backup/ restore.	-
		1 Data Backup		Select this option to specify the file name to be backed up.	PersonalData.tgz
		2 Data Restore		Select this option to specify the file name to be restored.	PersonalData.tgz
		3 Server Address		Select this option to enter an IP address of the FTP/TFTP server.	0.0.0.0
		4 Protocol		Select this option to select a protocol of the server (either FTP or TFTP).	FTP
		5 FTP Settings		Select this option to set necessary data when using FTP service.	-
			1 User ID	Select this option to enter a user ID for the data backup via FTP server.	-
			2 Password	Select this option to enter a password for data backup via FTP server.	-
			3 Folder	Select this option to specify the destination directory of FTP server.	-

Note 1: For firmware version before 3.0.3.0, the menu items in “3 Display” are as follows.

Menu Item		Description	Default Value
3 Display		Select this option to set up for the LCD display.	-
	1 Time Format	Choose between 12-hour or 24-hour clock format.	Automatic (12-hour format)
	2 Local Volume	Specify whether to display the following volume levels: handset receiver volume, speaker volume, ringer tone volume and LCD contrast.	Automatic (Enable)

Setting Menu List For **Photo Frame Application**.

Menu Item			Description	Default Value
1. Sorting	File Name		Select this option to view the image files sorted by name in alphabetical order.	File Name
	Date		Select this option to view the image files sorted by date of the last update.	
2. Slide Show	Slide Show Mode	Disable	Select this option whether to use Screen Saver Mode.	Enable
		Enable		
	Interval Time		Select this option to specify an interval to switch the image file on LCD automatically.	10
3. Peripherals			Select this option when removing a USB memory from the terminal.	-

MENU LIST FOR DT830G (ITZ-12/24DG-3)

Menu Item		Description
Menu		Press Menu to display the **Menu** screen.
	History	Select this option to view the Call History data. Also, you can add the history data to the directory.
	Directory	Select this option to access the directory feature. There are the following three types of directory features: Personal Directory, Phonebook and Corporate Directory. This chapter explains the menu list for Personal Directory feature.
	Service	Select this option to display the screen of XML application/Photo Frame application registered in the service URL.
	Setting	Select this option to make the user setting of DT830G.
	Portal	Select this option to display XML application screen registered in the home URL.

Menu List For **History**

Menu Item		Description	Default Value
History			
	1 Missed	Select this option to view the history of missed calls. You can also make a call from this menu.	-
	2 Outgoing	Select this option to view the history of outgoing calls. You can also make a call from this menu.	-
	3 Incoming	Select this option to view the history of incoming calls. You can also make a call from this menu.	-
	4 Delete All	Select this option to delete all the history data.	-

SubMenu

Press **Option** soft key or **HELP** key while the history data is displayed.

Menu Item	Description	Default Value
SubMenu		
1 Call	Select this option to make a call to the party currently displayed on the history data.	-
2 Directory Add	Select this option to add the party currently displayed on the history data to the personal directory.	-
1 New	Select this option to add the history data to the personal directory.	-
Category Set	Select this option to specify the phone number type such as Company, Mobile, Voice Mail, Home or Others.	Company
Priority Flag	Select this option to specify whether to use Enable or Disable.	Disable
Edit	Select this option to edit the directory data.	-
2 Addition	Select this option to edit the personal directory data from a call history.	-
Directory Search	Select this option to search the directory data.	-
Directory	Select this option to register the telephone number to the data searched from the directory.	-
3 Prefix	Select this option to add Prefix to the telephone number displayed in the history data and make a call.	-
4 Delete One	Select this option to delete the current history data.	-
5 Delete All	Select this option to delete all history data of a specific call type (“missed”, “outgoing” or “incoming”)	-

Menu List For **Directory**

Menu Item	Description	Default Value
Directory	From **Menu** screen, select 2 Directory → 1 Personal.	-
1 Personal	Select this option to view the Directory controlled by the telephone.	-
1 Search	Search the personal directory.	-
1 Group	Select a group as a search condition.	-
2 Name	Select this option to enter the target name as a search condition.	-
3 Tel Number	Select this option to enter the target telephone number as a search condition.	-
4 Other	Select this option to perform a search by one of the following conditions.	-
1 Memory ID	Select this option to search by a memory number.	-
2 Category	Select this option to search by a category.	-
3 Company	Select this option to search by a company name.	-
4 Alphabet	Select this option to search by a group of alphabets.	-
2 Edit	Select this option to add a new data to the personal directory.	-
1 Name	Select this option to enter a name of the target party to be added to the directory.	-
2 Group	Select this option to enter a group to which the target party belongs.	Default
3-6 Tel #1-Tel #4	Select this option to enter the telephone number of the target party.	-
Category Set	Select this option to specify phone number type (such as Company, Mobile, Voice Mail, Home or Others).	Company
Priority Flag	Select this option to specify whether to use the priority order for the dialing number when originating a call.	Disable
7 Company Name	Select this option to enter a company name of the target party.	-
8 Ring Tone	Select a ringer tone type per caller.	Default (follows group settings)
9 Illumination	Select an illumination pattern (color) of the call indication lamp.	Default (follows group settings)
0 Memory ID	Select this option to enter a memory number to be assigned to the target party.	-

Menu Item	Description	Default Value
3 Group Setting	Select this option to change a group name.	-
1. Default	Select a desired group name to be changed.	-
2. Colleagues		
3. VIPs		
4. Family		
5. Friends		
6. Group 6 - 20. Group 20		
1 Name	Select this option to enter a new group name.	-
2 Ring Tone	Select a ringer tone type per group.	Default (follows terminal settings)
3 Illumination	Select a illumination pattern (color) of the call indication lamp.	Default (follows terminal settings)
4 Own Number	Select this option to view the number of the current phone terminal.	-
0 Delete All	Select this option to enter delete all the data registered in the directory.	-
2 System	Select this option to view the Directory controlled by the system.	-
3 Corporate	Select this option to view the Directory controlled by the external XML server.	-

Menu List For **Setting**

Menu Item	Description	Default Value
Setting		
1 User Setting	Select this option to configure the user setting of DT830G.	-
1 Incoming Call	Select this option to set up for incoming calls.	-
1 Ring Volume	Not used.	-
2 Offhook Ring	Select this option whether to use the Off-hook ringing. (Disable/Enable)	Enable
3 Headset Ring	Select this option whether to use the headset ringing. (Disable/Enable)	Disable
4 Ring Tone	Select this option to specify a ringer tone for External Call and Internal Call. (Automatic/Tone Type 1~14/Download 1~3)	Automatic (Tone Type1)
5 Illumination	Select this option to specify the illumination pattern for External Call and Internal Call. (Automatic/Disable/Red/Green/Blue/Yellow/Purple/Light Blue/White/Rotation)	Automatic (Red)
6 Headset Ring Volume	Not used.	-
2 Talk	Select this option to set up for telephone conversation.	-
1 RTP Alarm	Select this option whether to use the RTP alarm. (Automatic/Disable/Enable)	Automatic
2 DTMF Tone	Select this option whether to use the DTMF tone. (Automatic/Disable/Enable)	Automatic
3 Key Touch Tone	Select this option to set the key touch tone generated when the digit keys are pressed while the telephone is off-hook. (Automatic/No Tone/Tone/Voice)	Automatic (Tone)
4 Hold Music	Select a Music on Hold to be heard by DT830G user. (Default/Download)	Default
5 Prefix	Select this option to register a Prefix number. (Prefix 1~Prefix 3)	-

Menu Item			Description	Default Value
3 Display			Select this option to set up for the LCD display.	-
	1 Calender Format		Select this option to set up for calender display format and time display format.	-
		1 Calender Format	Select this option to configure the type of calender display format. (Automatic/Type 1/Type 2/Type 3/Type 4/Type 5)	Automatic (Type 1)
		2 Time Format	Choose between 12-hour and 24-hour clock format.	Automatic (12-hour format)
	2 Local Volume		Specify whether to display the following volume levels: handset receiver volume, speaker volume, ringer tone volume and LCD contrast. (Automatic/Disable/Enable)	Automatic (Enable)
	3 Screen Saver		Select this option to set up Screen Saver related data.	-
		1 Screen Saver Mode	Select this option whether to use a Screen Saver. (Disable/Enable)	Disable
		2 Wait Time	Select this option to specify the Wait Time to launch a Screen Saver. (1-999 min)	120min
	4 Back Light		Select this option to specify the brightness of the backlight. (Disable/Enable)	Enable
	5 Font Size		Select this option to change the font size displayed on an LCD. (Standard (16 dots)/Small (12 dots))	Standard
		1 Standard		
		2 Small		
	6 Language		Select this option to select a language to be displayed on an LCD.	Automatic
	7 Advanced		Select this option to set up for the following additional data.	-
		1 Backlight Fade Control	Select this option to specify whether Backlight Fade Control is in service, when turning on/off the backlight of the LCD. (Disable/Enable)	Enable

Menu Item	Description	Default Value
4 Change Password	Select this option to change the password to lock/unlock the telephone.	0000
5 Security	Not used.	-
6 Peripherals	Select this option to setup the usage of the peripheral equipment of DT830G.	-
1.USB Memory	Select this option to set up for replacing a USB memory from the terminal.	
2.BCA Option	Select this option to configure the BCA.	-
1.BCA Connection Settings	Select this option to make the BCA connection settings.	-
1. Auto Connection	Select this option to use Auto Connection. (Disable/Enable)	Enable
2. Connection Cycle	Select this option to set Bluetooth connection cycle. (3 Seconds/10 Seconds/1 Minute/10 Minutes)	10 seconds
2.Interrupt Ringing	Select this option to specify whether to use Interrupt Ringing. (Disable/Enable)	Enable
3.Smart Device Type	Select this option to set the type of Smart Device. (Type 1/Type 2)	Type 1
4.Auto Path Switch	Select this option to specify whether to use Auto Path Switch. (Disable/Enable)	Enable
5.Illumination	Select this option to Set the illumination pattern (color) for informing call termination. (Disable/Red/Green/Blue/Yellow/Purple/Light Blue/White/Rotation)	Blue
7 Usability	Select this option to set up for the operation of the Help key while a pop-up window is displayed.	-
1.Help Key Mode	Select this option to set up for Help Key Mode (SubMenu/Popup Window)	SubMenu
0 Setting Reset	Select this option to reset the telephone settings.	-

Menu Item	Description	Default Value
2 Download	Set the data required when downloading a file.	-
1 Download Files	Select this option to download files for Music on Hold, ringer tone, Directory and Wallpaper	-
1 Hold Music	Select this option to download a file for Music on Hold.	MOH.wav
2 Ring Tone	Select this option to download files for ringer tones (Download 1 to 3).	-
1 Download 1	Select this option to download a file for ringer tone (Download 1).	Melody1.wav
2 Download 2	Select this option to download a file for ringer tone (Download 2).	Melody2.wav
3 Download 3	Select this option to download a file for ringer tone (Download 3).	Melody3.wav
3 Directory	Select this option to download the directory files.	Directory.csv
4. Wallpaper	Select this option to download a file for Wallpaper	WallPaper.bmp
2 Download Address	Select this option to enter an IP address of the FTP/TFTP server.	0.0.0.0
3 Protocol	Select this option to specify a protocol of the server (either FTP or TFTP).	FTP
4 FTP Settings	Select this option to set necessary data when using FTP service.	-
1 User ID	Select this option to enter a user ID for downloading via FTP server.	-
2 Password	Select this option to enter a password for downloading via FTP server.	-
3 Folder	Select this option to specify the directory where the downloaded file is stored.	-

Menu Item	Description	Default Value
3 Data Backup/Restore	Select this option to set the data required for a file backup/ restore.	-
1 Data Backup	Select this option to specify the file name to be backed up.	PersonalData.tgz
2 Data Restore	Select this option to specify the file name to be restored.	PersonalData.tgz
3 Server Address	Select this option to enter an IP address of the FTP/TFTP server.	0.0.0.0
4 Protocol	Select this option to select a protocol of the server (either FTP or TFTP).	FTP
5 FTP Settings	Select this option to set necessary data when using FTP service.	-
1 User ID	Select this option to enter a user ID for the data backup via FTP server.	-
2 Password	Select this option to enter a password for data backup via FTP server.	-
3 Folder	Select this option to specify the destination directory of FTP server.	-

WEB PROGRAMMING

Web Programming allows you to configure the terminal settings of DT830G from the PC. An web browser (Internet Explorer, etc.) is used to access Web Programming. It is not necessary to install any special application software onto the PC.

Note DT830G and Web Programming PC need to be connected to the same network. When downloading the files for Music on Hold, Ringer Tone and Directory to the DT830G, FTP (TFTP server) are required on the network. For details on the FTP service, contact to the System Administrator.

Note Terminal settings through Web Programming is available while DT830G is logged into the system.

PC Requirements For Web Programming

Items	Operating Conditions
Operating System	Microsoft® Windows® Vista/Windows® 7
CPU	Comply with conditions for use of Microsoft® Windows or Microsoft® Internet Explorer.
Memory	
Browser	Microsoft® Internet Explorer 7.0 or later
Others	Mouse, LAN connection port (RJ-45)

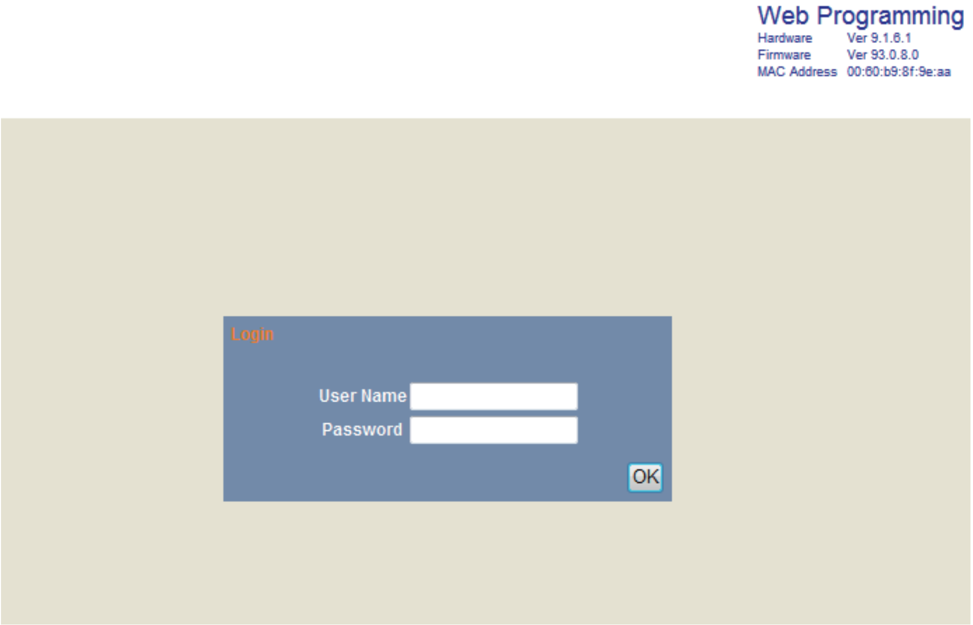
TO LOGIN

Follow the steps below to open the Web Programming.

STEP 1: Start up Internet browser on the PC.

STEP 2: Enter IP address of the target DT830G on the address toolbar and press Enter key.

STEP 3: The Web Programming Login screen appears. Enter a user name (type “USER”) and a password (**Note 1**), then click **OK** button.



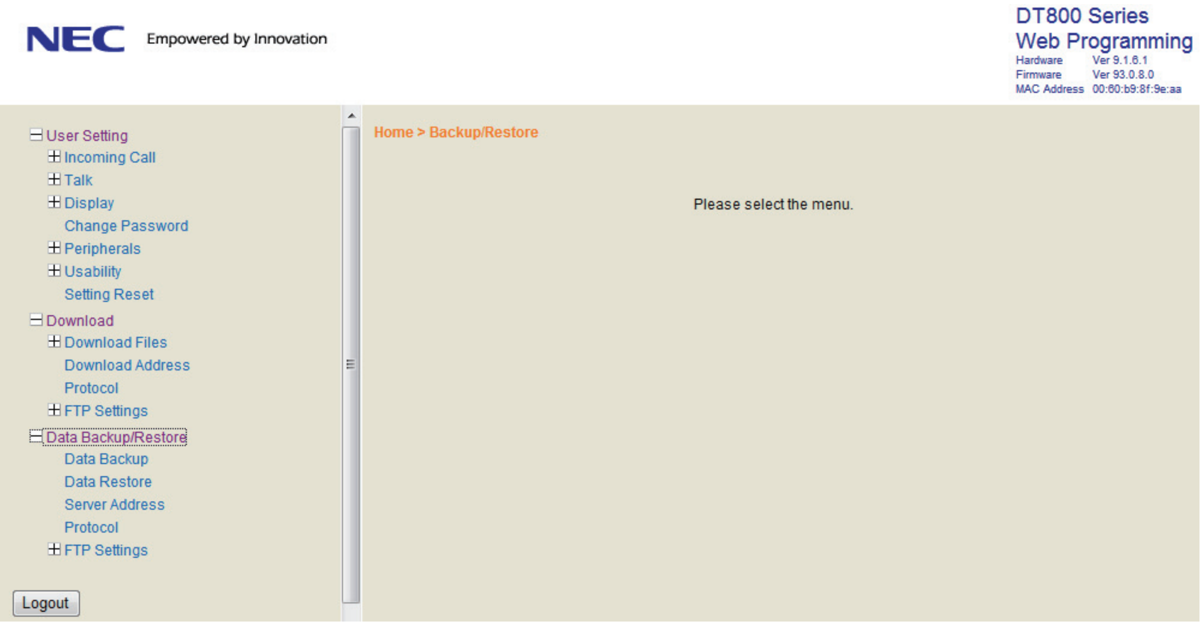
Web Programming

Hardware Ver 9.1.6.1
Firmware Ver 93.0.8.0
MAC Address 00:60:b9:8f:9e:aa

Note 1 Enter the same password used when logging into the DT830G. “0000” is used as password by the default setting.

Note	For IP address of DT830G, contact to the System Administrator.
Note	When the login screen does not appear, check the LAN connection status and entered IP address. If the problem persists, contact the system administrator.

STEP 4: The following Web Programming **Home** screen appears.



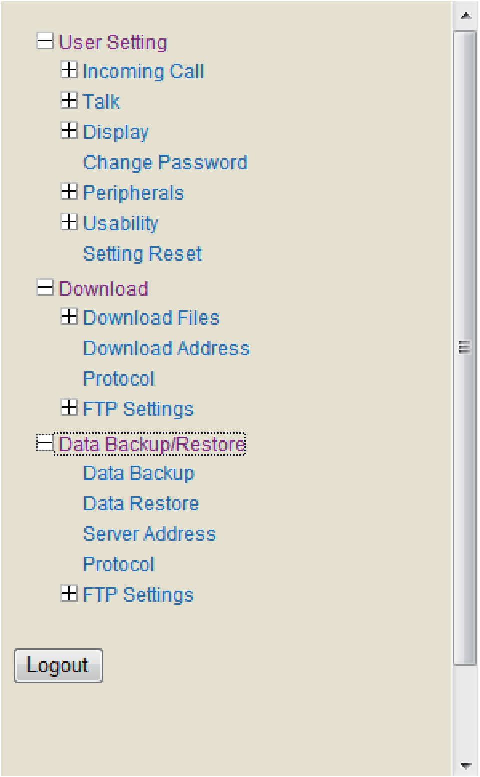
Hardware Ver 9.1.6.1
Firmware Ver 93.0.8.0
MAC Address 00:60:b9:8f:9e:aa

Please select the menu.

TO LOGOUT

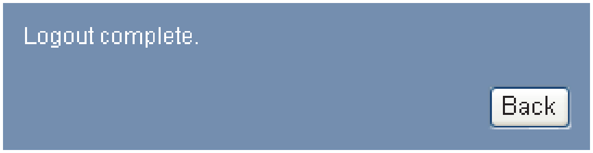
Follow the steps below to exit the Web Programming.

STEP 1: Click **Logout** button at the lower left of the screen.



STEP 2: The confirmation message appears. Click **OK** button to log out of Web Programming.

STEP 3: The display changes as follows. Click **Back** button.



Logout complete.

STEP 4: After the Web Programming Login screen is displayed, close the Internet browser.

Note Make sure to perform the logout operation after the data setting of the telephone.

Note When 15 minutes have passed leaving the PC without operation after log in to Web Programming, the user is forcibly logged out from the Web Programming.

HOW TO OPERATE

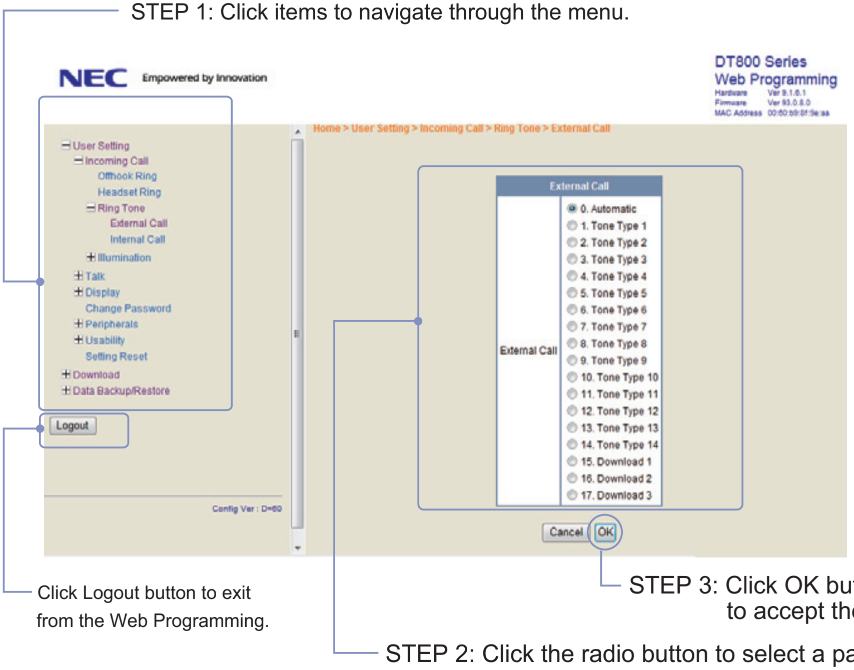
As an example of setting method on the Web Programming, the following explains how to change the ringer tone for external call. Web Programming includes the same menu configuration as "Setting" of DT830G terminal. For details on each menu item, see MENU LIST.

STEP 1: From the **Home** screen, click **User Setting** → **Incoming Call** → **Ring Tone** → **External Call**.

STEP 2: Select a desired tone type by clicking the corresponding radio button.

STEP 3: Click **OK** button to save the change to the database.

STEP 1: Click items to navigate through the menu.



Click Logout button to exit from the Web Programming.

STEP 3: Click OK button to accept the selection.

STEP 2: Click the radio button to select a parameter.

STEP 4: A confirmation dialog appears. Click **OK** button on the dialog.

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