



NEC

UNIVERGE SV8300 DT750 Terminal

USER'S GUIDE

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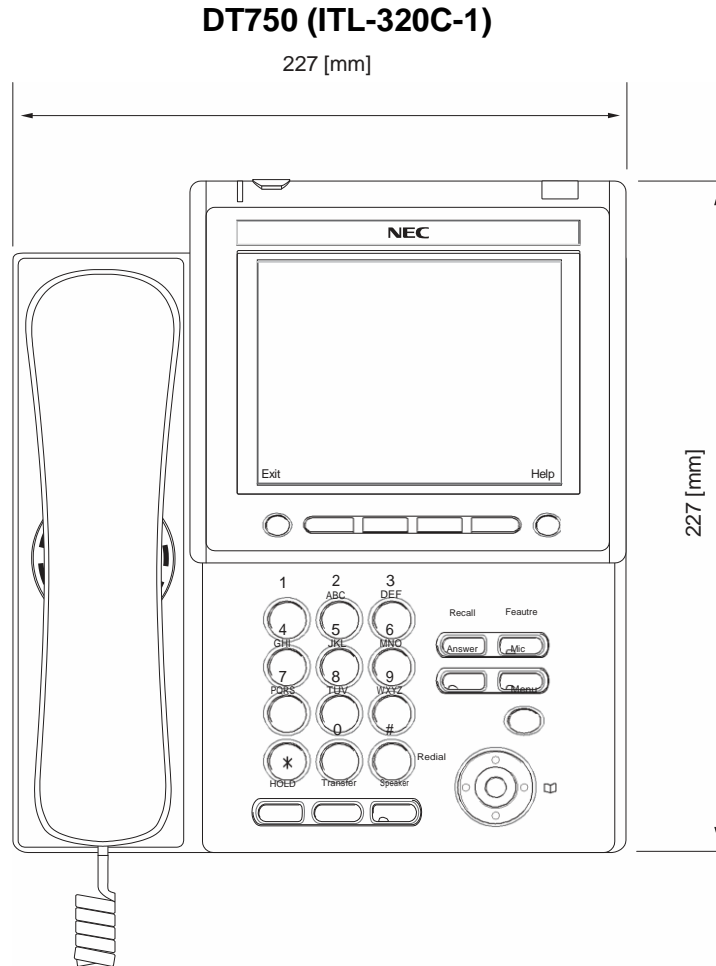
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1. INTRODUCTION

FACE LAYOUT

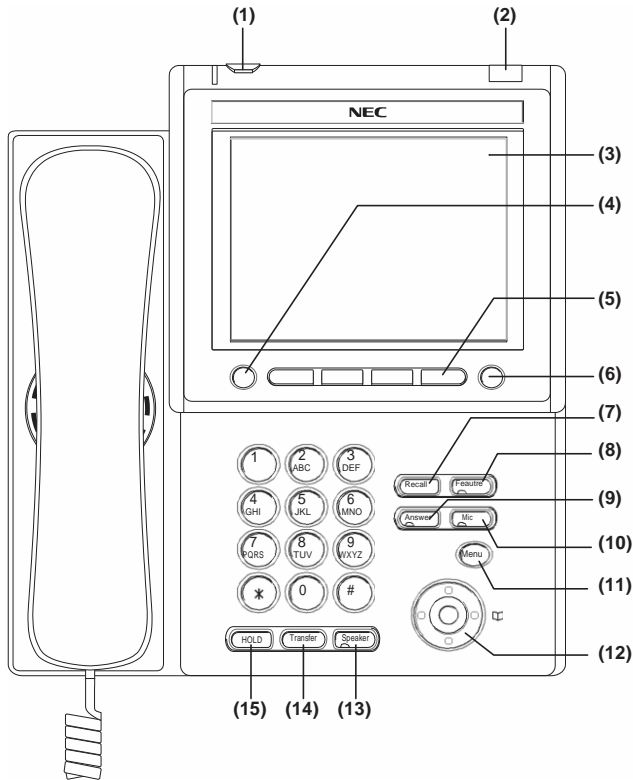


TECHNICAL SPECIFICATIONS

ITEM	DT750 (ITL-320C-1)
Display (LCD)	5.7 inch TFT, QVGA, Touch Panel, with Backlight
Display Color	Color
Programmable Key	32 (8 X 4) Keys (displayed on LCD)
Fixed Feature Key	9 keys (with Menu/Cursor button)
backlight	Display and Digit Key (lit for 10 seconds when operating)
Soft Key	4 Keys
Directory	500 records
Call History	Outgoing Call: 50 record, Incoming Call: 50 records
XML Browser	Available
Hands-free	Standard equipment (Full-duplex), Wide-band
Headset	Available
LAN Interface	2-port, 10BASE-T/100BASE-TX, Full-duplex/Half-duplex, Auto Negotiation /Fixed
Voice CODEC	G.711, G.729a, G.722
IP Address Setting	Sets via DHCP server/Sets Directly
QoS	ToS (IP Precedence, Diffserv)
VLAN	Tag VLAN (IEEE802.1Q/p)
Security	IEEE802.1x authentication (EAP-MD5/EAP-TLS, EAPOL Forwarding), RTP Encryption, Auto Config Encryption
Power Supply	Center Power Supply = IEEE802.3af, Local Power Supply = AC adapter (AC-2R UNIT: optional)
Power Consumption	PoE=7.68 [W]/Local=6.96 [W]
Download	Program/Configuration data/Ringing Tone/Music on Hold/Directory data
Adapter (Optional)	Recording Unit/Wall-mounting kit/Digit-key Set Unit/Side panel
Color	Black/White
Dimension (W×D×H)	227(W) × 250(D) × 112(H) [mm]
Weight	1.6 kg

KEYS AND PARTS

KEYS AND PARTS ON DT750



(1) Security Button

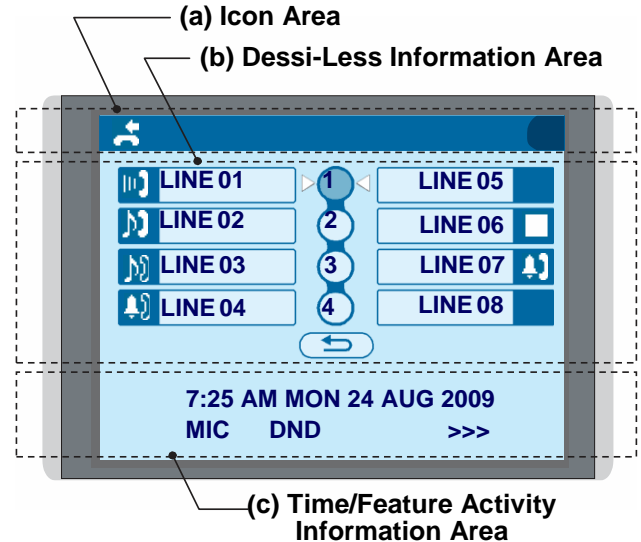
The user can prevent information leakage from terminal by simple operation.

(2) Call Indicator Lamp

Lamp at top corner of DT750 Display flashes when a call terminates to the terminal. Also, when using Voice Mail service, the Lamp lights steadily when a message has been left.

(3) LCD

Color touch panel LCD (Liquid Crystal Display) provides DT750 activity information. Basically, the screen on the LCD consists of the following three information areas.



(a) Icon Area

This area displays Desktop Icons which provide notification when events (such as missed call and voice mail) occur.

(b) Dessi-Less Information Area

This area provides information on the 32 Programmable Line/Feature keys. (8 keys x 4 pages) For more details see [DESSI-LESS DISPLAY](#).

(c) Time/Feature Activity Information Area (including Soft Key information)

This area provides the current time display and information on various feature activities. Also, soft key information is displayed on the bottom line of this area.

(4) Exit

To exit from 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

Explanations of the Soft Keys can be called up on the LCD by pressing this key.

(7) Recall

Press key to finish the call and hear the dial tone.

(8) Feature

Activate setup features, functions and to program One-Touch Speed Dial Keys.

(9) Answer

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

(10) Mic

Press key to respond hands free. LED on this key lights during speakerphone operation.

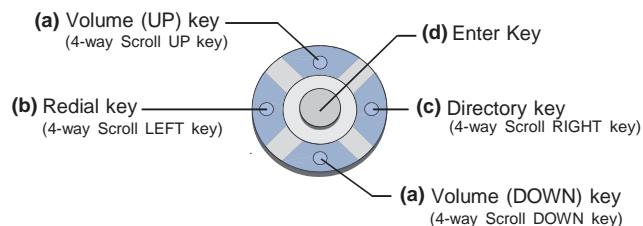
(11) Menu

To access the local menu of DT750, such as Call History, Directory or Terminal Setting.

(12) Cursor

By using this key, DT750 user can access to various features with simple operation.

Details on Cursor key



(∨ DOWN ^ UP)

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

- LCD Contrast:
Press (∨) or (^) key while idle.
- Speaker/Receiver Volume:
Press (∨) or (^) key during conversation.
- Ringer Volume:
Press (∨) or (^) key during ringing.

(b) Redial

(Last Call Speed Calling-Station/ Group)
Press key to activate redial feature. Press the redial and scroll back through numbers that have been dialed. When the desired number is displayed, press the Asterisk or Pounds # key to activate dialing.



(b) Directory




Pressing this key opens Directory menu. For details on Directory service, see [DIRECTORY OPERATION](#).

(d) Enter

DT750 has shortcut menu for frequently-used features. Use this key to display the shortcut menu (see [SHORTCUT MENU](#)) 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 corresponds to the highlighted menu item.
	Enter	Go to the screen corresponds to the highlighted menu item.

(13) Speaker

Controls the built-in speaker which can be used for Hands-Free dialing and monitoring. The LED on key lights when 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

Transfer of established call to another station.

(15) Hold

Press this key to place an internal or external call on hold.

MENU

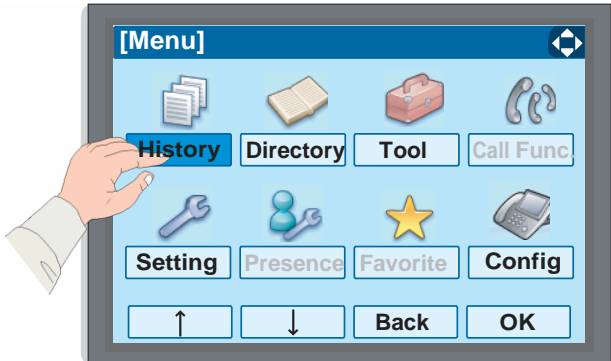
From the **Menu** Key, the user can use various application features such as Directory and Call History.

To Display Menu List

- Press **Menu** key while indicating the current time on LCD. The Menu List is displayed in LCD. Use Cursor Key to select desired Menu Item.

Note: The user can also navigate through the menu with touch panel operation.

Main Menu



MENU ITEM	DESCRIPTION
History	To view Call History. There are two types of Call History features. On the one hand, the history data is stored in the server (system) memory (see CALL HISTORY). On the other hand, the history data is stored in the memory of the telephone (see CALL HISTORY OPERATION).

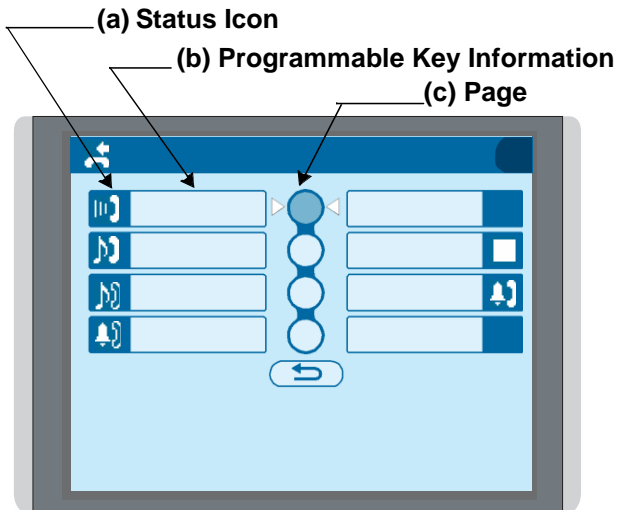
MENU ITEM	DESCRIPTION
Directory	To use Directory features. there are three types of directory features. <ul style="list-style-type: none"> • Personal Directory: Controlled by telephone set. For details, (see DIRECTORY OPERATION). • Phonebook: Controlled by the system. For details, (see PHONE BOOK). • Corporate Directory: Controlled by the external XML server. For details, please contact the system administrator.
Tool	Used when accessing external XML server. For details, please contact the system administrator.
Call Function	Currently Not Used (grayed out).
Setting	To make the setting of DT750 (such as ringing volume control, LCD display setting and download of Music on Hold). For details, (see SETUP WITH MENU KEY).
Presence	Currently Not Used (grayed out).
Favorite	Currently Not Used (grayed out).
Config	This item is used for Configuration setting of DT750. For details, please contact the system administrator.

DESSI-LESS DISPLAY

Dessi-less display service provides 32 (8 keys x 4 pages) Programmable Line/Feature keys. Information set to each Programmable Line/Feature key can be displayed on the LCD. Also, the current status of the line/feature set to each programmable key is displayed as icon. For the setting of the programmable key, contact Telephony Server Administrator.

When Telephony Server Administrator sets “One Touch Speed Dial key” on the programmable key, users can assign a telephone number or station number to a key so that you can make a call to that number with one-touch operation.

The following shows an example of Dessi-less display.



(a) Status Icon

Status information on the Line key such as call termination, Call Hold or Busy can be indicated as following Icons.

USER'S STATUS	ICON	FLASHING PATTERN
• Idle	No Icon	
• Call Hold (Individual Hold/Individual Hold on Call Park Group)		Blink (The icon will blink one second cycle.)
• Call Hold (Other Party Hold/Other Party Hold on Call Park Group)		
• Recall (Individual Hold/Exclusive Call Hold/Call Transfer/Individual Hold on Call Park Group)		
• Recall (Other Party Hold/Other Party Hold on Call Park Group) • Incoming Call		
• During Conversation (Individual Use) • Call Transfer • Conference		Steady Lit
• During Conversation (Other Party Use)		
• Active Feature (Under a setting of feature key like a "Call Forwarding")		

(b) Programmable Key Information

Programmable Key Information is displayed as follows:

KEY	DESCRIPTION	NUMBER OF DIGITS
Line Key	- Name and Number information	8 digits.
One-Touch Speed Dial Key	- Speed Dial Name Information - Number Information	8 digits.
Feature Key	- Feature Name	6 digits.

The following shows an example of LCD display when a line is assigned to a Programmable Key. Appropriate status icons are displayed. These displays cannot be changed by the user.



OR



The following shows an example of LCD display when a feature is assigned to a Programmable Key.



The following shows an example of LCD display when One Touch Speed Dial Key is assigned to a Programmable Key. For One Touch Speed Dial Key, No status icon is displayed.

* Users can register name on each One Touch Speed Dial key.



OR

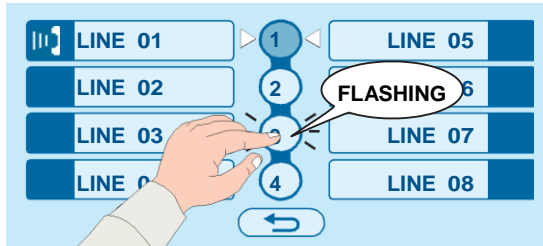


(c) Page Icon

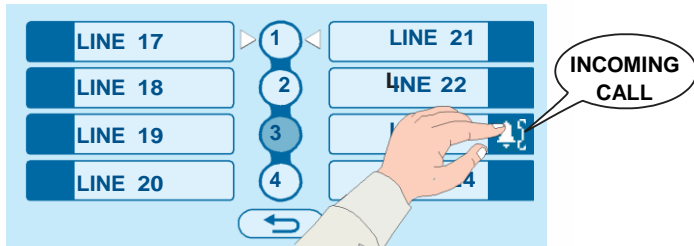
Dessi-less display has four pages (8 programmable keys per page). Page key indicates currently displayed page. The user can switch the programmable key display from page 1 to 4 by touch panel operation.

STATUS OF PAGE ICON	DESCRIPTION
Steady Lit	Indicates currently displayed page.
Blink	Indicates page with event happening.

Example of Page Switching Form Page 1 to 3



Touch flashing button to go to Page 3. Switch from PAGE 1 to PAGE 3



Touch the Line Key to answer the Incoming Call.

SOFT KEYS

The Soft Keys on DT750 provide a set of functions on the LCD that adapts to the changing state of the telephone. While default Soft Key settings are provided, desired functions can be assigned to individual stations as required. The Soft Keys, at the bottom of the LCD, can display the names of available functions, names of user-assigned functions and names of functions assigned by a specific Soft Key pattern. Displayed Soft Keys can vary, depending on the state of the phone and/or when the Next/Previous button is pressed.



Exit Key

Press to exit from the Menu or Help mode and go back to the time display.

Help Key

Press the Help Key, then desired Soft Key for helpful information about that key.

MIC (Microphone)

Press the Soft Key below "MIC" to activate or deactivate the Microphone. LED on Mic key will illuminate when Mic is on.

DND (Do Not Disturb)

Press the Soft Key to reject call termination to the pre-assigned station.

Default Displays for Each Status

Default Soft Key settings are provided corresponding to particular functions. Different Soft Key settings are displayed at the bottom of the LCD depending on the status, as shown below.

Different patterns of Soft Key settings can be registered for individual call status and assigned to individual terminals as required.

IDLE



DIAL TONE/DIALING

(1)



(2)



RINGING



BUSY

(1)

```
BUSY 2000
4:26 PM MON 24 AUG 2009
MIC CB C W >>>
```

Push >>>

(2)

```
BUSY 2000
4:26 PM MON 24 AUG 2009
S&R >>>
```

CONNECTION

```
2000
4:26 PM MON 24 AUG 2009
MIC DND >>>
```

CONSULTATION HOLD

```
TRANSFER 2000
4:26 PM MON 24 AUG 2009
MIC CONF >>>
```

Soft Key Features

According to the status of the Multiline Terminal, function keys (Soft Keys) are displayed on the LCD. If the status of Multiline Terminal changes, the Soft Keys will change automatically. Also, if the Help key is pressed, an explanation of the indicated Soft Keys is shown on the LCD.

The following shows the Soft Key default display pattern.

FDA (Call Forwarding – All Calls Set/Cancel)

Permits all calls designated for a particular station to be routed to another station regardless of the busy or idle status of the called station. (Set/Cancel)

FDN (Call Forwarding – No Answer/Busy Set/Cancel)

This feature permit a call to a busy or no-answer extension to be routed to a designated station, Attendant console or Voice Mail equipment.

HIST (Call History)

This feature allows a Multiline Terminal to display Outgoing and Incoming Call History.

CW (Call Waiting – Set)

A Busy station can receive a second incoming call. A camp-on indication tone is sent to the busy station, and the user can use a switch hook flash to answer the second call.

CB (Call Back)

If the called station is busy, the calling station can set CALL BACK. The calling station will be rung as soon as the busy station becomes available.

S&R (Save and Repeat)

Allows a station to save a specific dialed number and then redial that number later.

PICK (Call Pickup - Group)

This feature enables a station user to answer any call directed to another station, to a station within their own Call Pickup Group, or to a station within a different Call Pickup Group.

VOICE (Voice Call)

Enables the user to make a call to the called party's built-in speaker. If the called party's MIC is on, the called party can converse hands-free.

CNF (Conference – Three/Four Party)

This feature provides a station user the ability to add on another party (trunk or station) to a call already in progress.

SYS (Dial By Name – System Speed Dial)

This feature allows a Multiline Terminal user to search for a desired number by name. The number and name are registered in the system and they are shown on Multiline Terminal LCD

STA (Dial By Name – Station Speed Dial)

This feature allows a Multiline Terminal user to search for a desired number by name. The number and name are registered in the station and they are shown on Multiline Terminal LCD

VMTRF (Transfer to Voice Mail)

When the called party is busy allows a station to transfer the call to the Voice Mail System.

DND (Do Not Disturb)

This feature restricts incoming calls to a station and can be set by an individual station or from the Attendant Console.

MIC (Microphone On/Off)

Allows the user to turn the microphone on and off for use with the speakerphone.

OG-Q (Trunk Queuing - Outgoing)

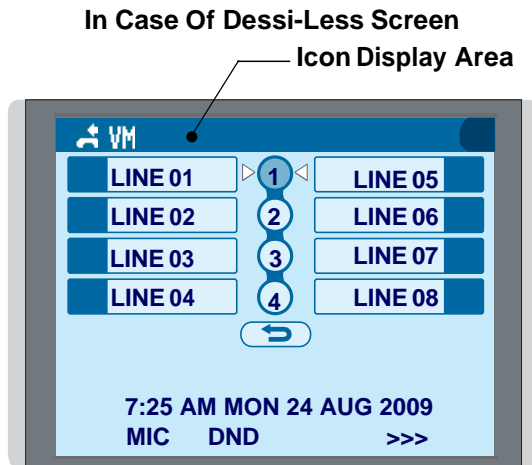
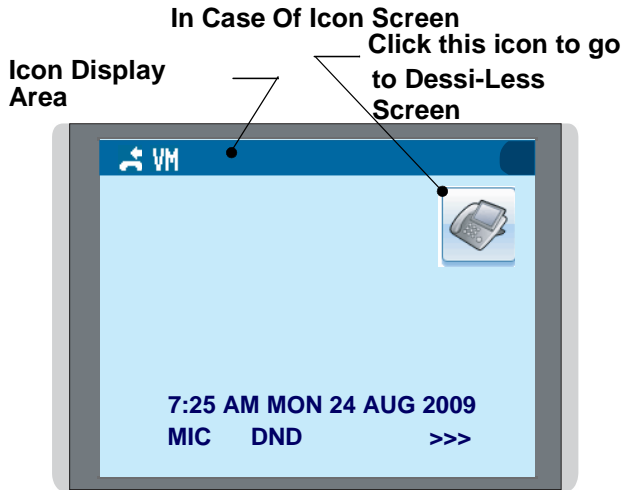
This allows a station user, upon encountering a busy signal on a trunk, to enter a first-in, first-out queue. As soon as an outgoing trunk becomes available, stations in the queue will be called back on a first-in, first-out basis.




R-TONE (Ring Tone Changing)

The ring frequency of a Multiline Terminal can be controlled. Eight ring frequencies are available.


ICON DISPLAY

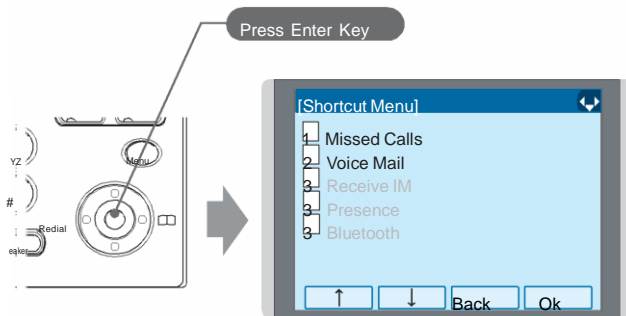
The LCD of DT750 displays Desktop Icons which provide notification when events (such as missed call and voice mail) occur.



FEATURE	ICON	DESCRIPTION
Missed Call		This icon appears when there is a missed call. Once the user has checked the missed call, this icon will disappear.
Voice Mail		This icon provides notification of incoming Voice Mail. Once the user has checked the mail, this icon will disappear.
Cursor		This icon indicates the currently available direction of the Cursor key. This icon is displayed in the Menu.

SHORTCUT MENU

As shown in the figure below, DT750 has Shortcut Menu for frequently-used features. The user can access to Shortcut Menu by pressing  (Enter) key.



Shortcut Menu includes the following features.

Note: *Unavailable Menu items are grayed out.*

Shortcut Menu

FEATURE	DESCRIPTION
1 Missed Calls	Access to history of Missed Call.
2 Voice Mail	Access to history of incoming Voice Mail.
3 IM	Currently Not Used (grayed out).
4 Presence	Currently Not Used (grayed out).
5 Bluetooth	Currently Not Used (grayed out).

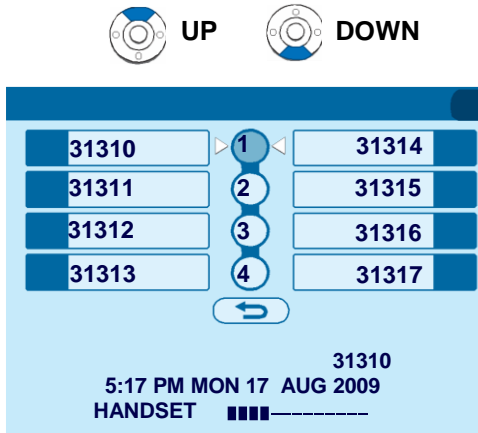
2. TERMINAL SETUP

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

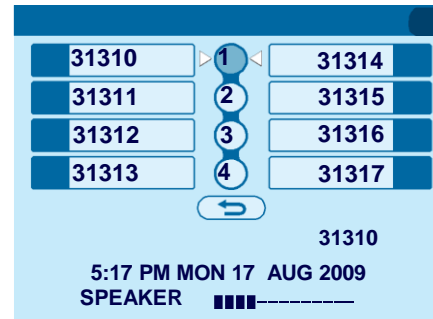
- **TO ADJUST HANDSET RECEIVER VOLUME**

Press **Up/Down Cursor** key in the off-hook status or during the call.



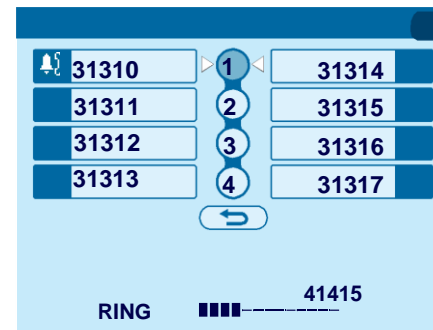
- **TO ADJUST SPEAKER VOLUME**

Press **Up/Down Cursor** key during speakerphone operation or during the call.



- **TO ADJUST RINGER TONE**

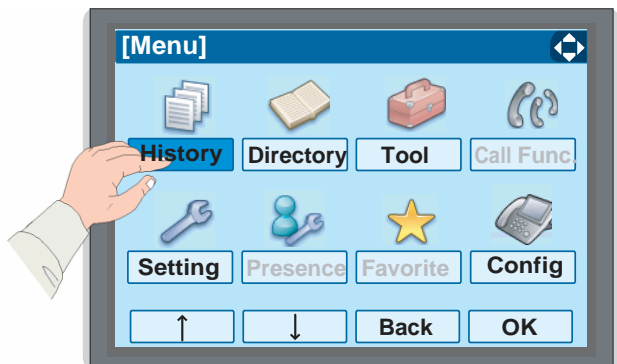
Press **Up/Down Cursor** key during ringing.



SETUP WITH MENU KEY


Note: On the Menu, use  or \uparrow/\downarrow soft key to move the cursor up/down a line.



Note: The user can also navigate through the menu with touch panel operation.

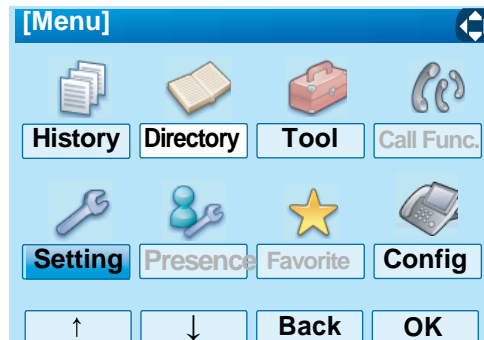





• TO ENABLE/DISABLE OFF-HOOK RINGING

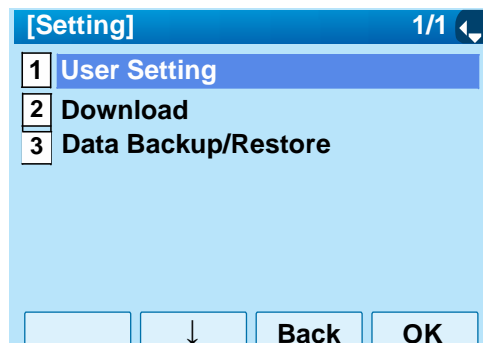
The procedure below shows how to enable/disable Off-hook ringing.




- While indicating the current time on LCD, press  key to open the **Menu** screen.

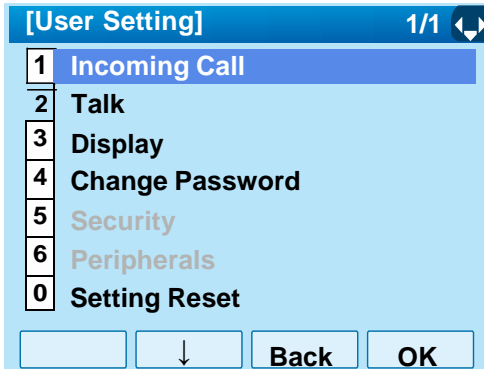
Select **Setting** and then press  (Enter) or **OK** soft key. (or press  key.)





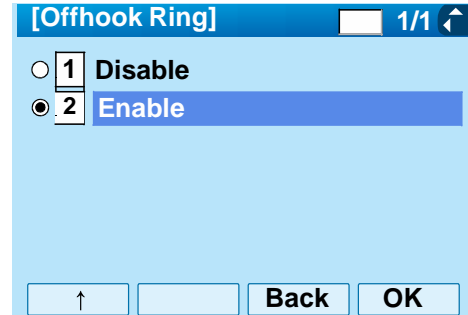
Select **1** **User Setting** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press  key.)



Select **1** **Incoming Call** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press  key.)

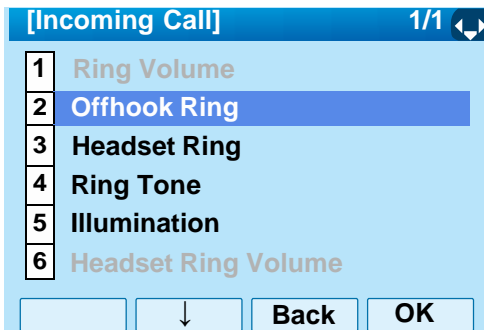



- Select **2 Offhook Ring** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **2** key.)



Note: *Default setting is 2 Enable.*

Note: *The currently enabled item is highlighted.*






- To disable/enable the off-hook ringing, select **1 Disable** or **2 Enable**. Then, press  (Enter) or **OK** soft key.

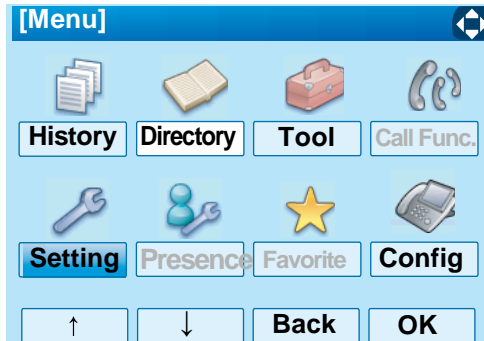
• TO SET RINGING OF HEADSET




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

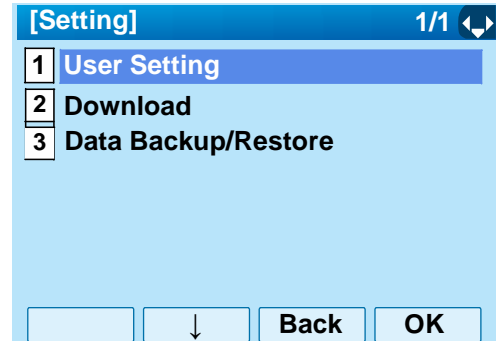
While indicating the current time on LCD, press




 key to open the **Menu** screen.

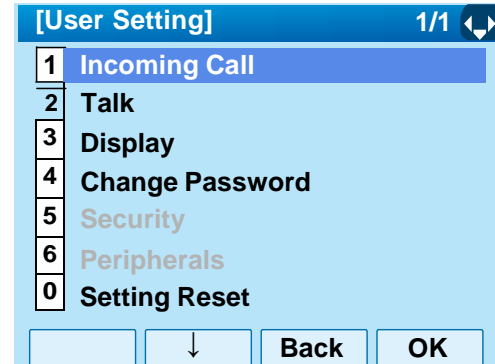
Select **Setting** and then press  (Enter) or **OK** soft key. (or press  key.)






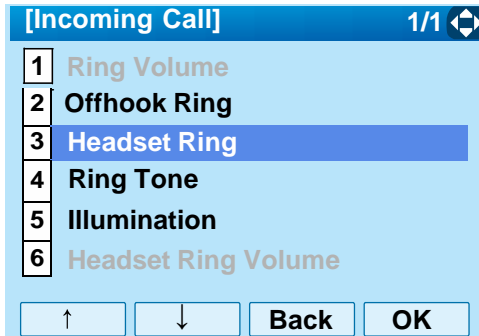
Select **1 User Setting** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press  key.)




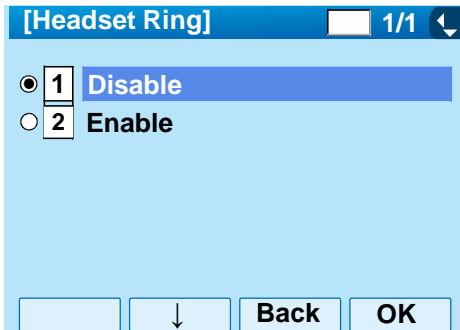
Select **1 Incoming Call** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press  key.)



Select **3 Headset Ring** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press  key.)



- To disable/enable the ringing of headset, select **1 Disable** or **2 Enable**. Then, press  (Enter) or **OK** soft key.



Note: *Default setting is 1 Disable.*

Note: *The currently enabled item is highlighted.*

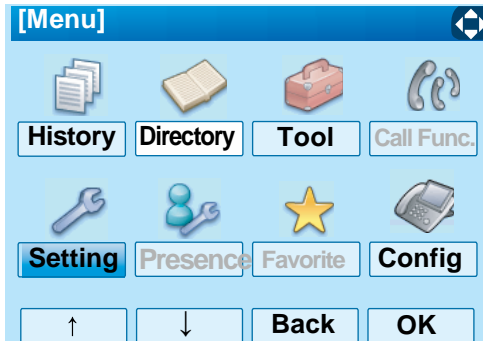
• TO SET RINGER TONE

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

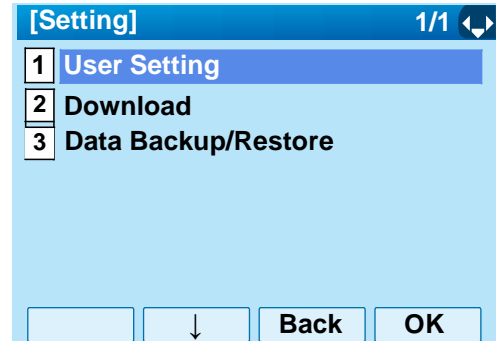
While indicating the current time on LCD, press

Menu key to open the **Menu** screen.

Select **Setting** and then press **Enter** or **OK** soft key. (or press **5** key.)



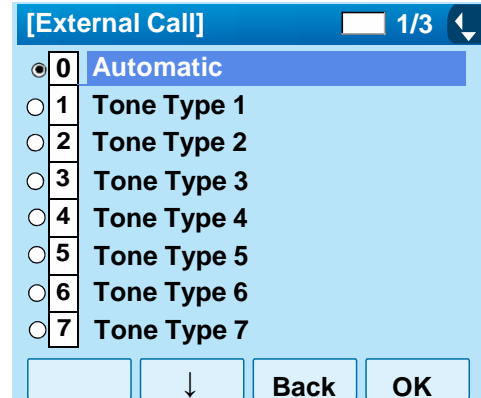
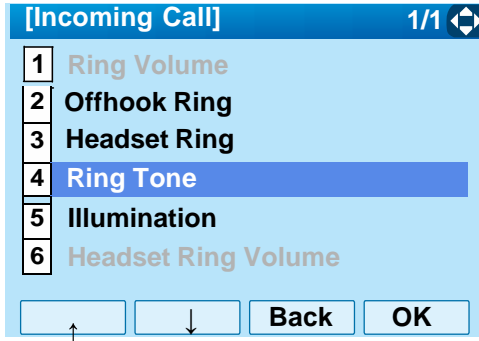
□ Select **1 User Setting** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **1** key.)



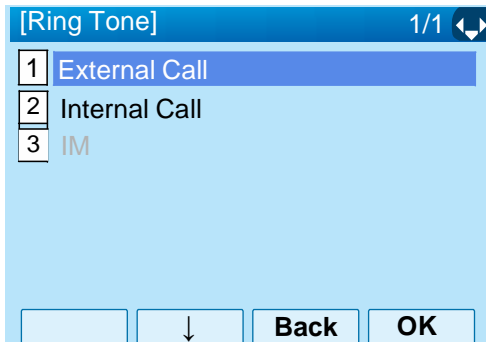
Select **1 Incoming Call** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **1** key.)



□ Select **4 Ring Tone** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **4** key.)



- Select **1 External Call** when setting the ringer tone for external calls. Select **2 Internal Calls** when setting the ringer tone for internal call. Then, press (Enter) or **OK** soft key.



- Select a desired tone type and then press (Enter) or **OK** soft key.

Note: *The currently enabled item is highlighted.*

No.	Menu Item	Frequency (Hz)		Remarks
		1st	2nd	
0	Automatic	520	660	16Hz modulation
1	Tone Type1	520	660	16Hz modulation
2	Tone Type2	520	660	8Hz modulation
3	Tone Type3	1400	1100	Door Phone
4	Tone Type4	1100		No modulation
5	Tone Type5	540		No modulation
6	Tone Type6	1100	1400	16Hz modulation
7	Tone Type7	660	760	16Hz modulation
8	Tone Type8	1100		Envelope
9	Tone Type9	-		Door Phone Melody
10	Tone Type10	-		Melody 1
11	Tone Type11	-		Melody 2
12	Tone Type12	-		Melody 3
13	Tone Type13	-		Melody 4

No.	Menu Item	Frequency (Hz)		Remarks
		1st	2nd	
14	Tone Type14	-	-	Melody 5
15	Download1	-	-	
16	Download2	-	-	
17	Download3	-	-	


Note: *The user 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”.*

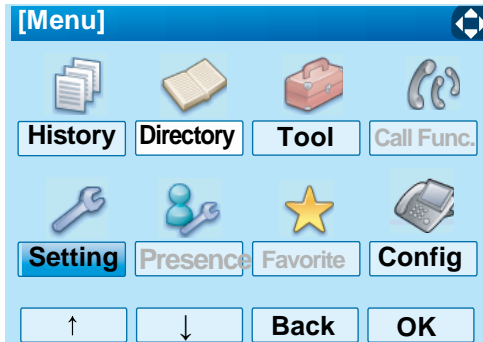
Note: *When **0 Automatic** is selected or the ringer tone setting is not performed, **1 Tone Type1** is applied.*



• TO SET ILLUMINATION PATTERN FOR CALL INDICATION LAMP

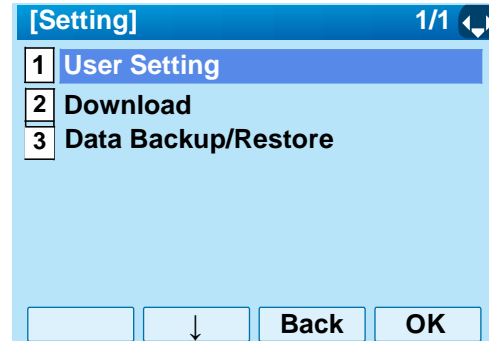
The procedure below shows how to set the illumination pattern for the Call Indicator Lamp.



- While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.

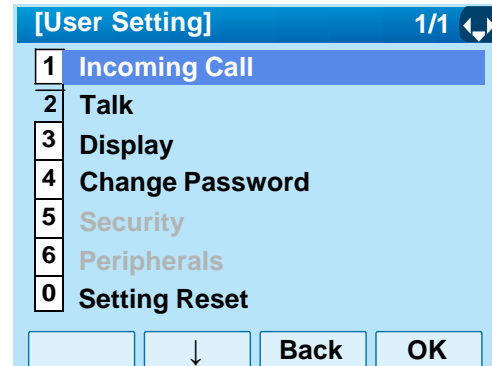
Select **Setting** and then press  (Enter) or **OK** soft key. (or press **5** key.)





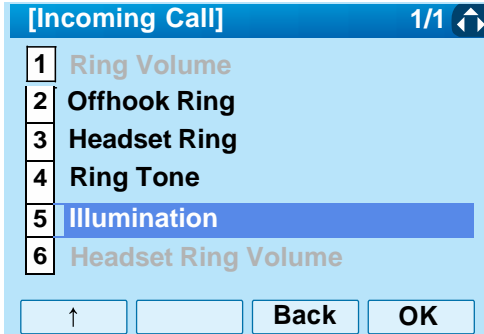
- Select **1 User Setting** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **1** key.)




- Select **1 Incoming Call** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **1** key.)



- Select **5 Illumination** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **5** key.)

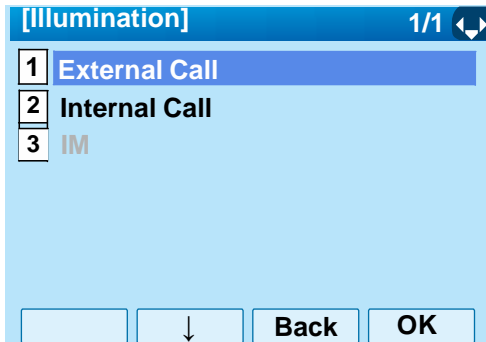



- Select **1 External Call** when setting the illumination pattern for external calls. Select **2 Internal Call** when setting the illumination pattern for internal call. Then, press  (Enter) or **OK** soft key.



Note: *The default setting is 0 Automatic.*


Note: *The currently enabled item is highlighted.*





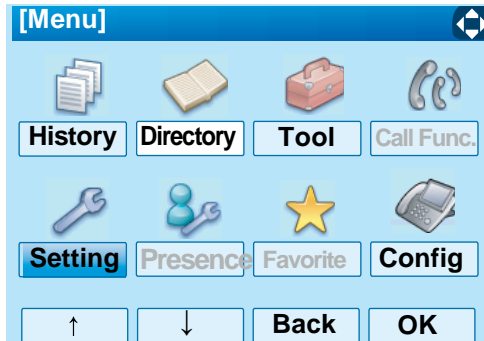
- Select a desired illumination pattern and then press  (Enter) or **OK** soft key.




• TO ENABLE/DISABLE RTP ALARM

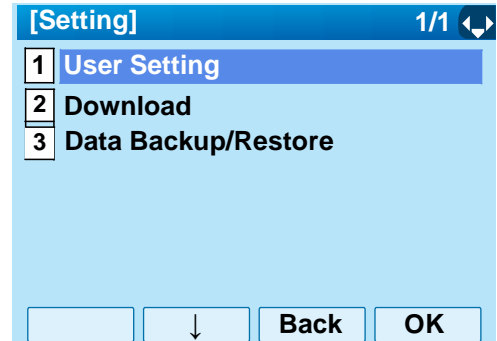
The procedure below shows how to enable/disable RTP alarm.




- While indicating the current time on LCD, press  key to open the **Menu** screen.

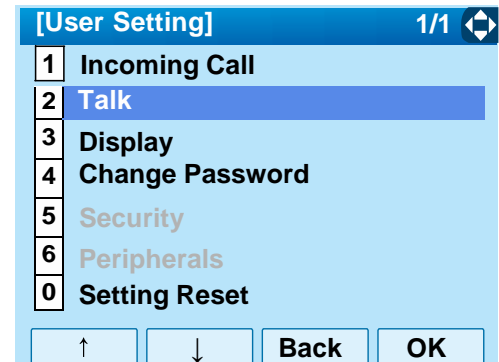
Select **Setting** and then press  (Enter) or **OK** soft key. (or press  key.)






- Select **1 User Setting** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press  key.)



- Select **2 Talk** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press  key.)




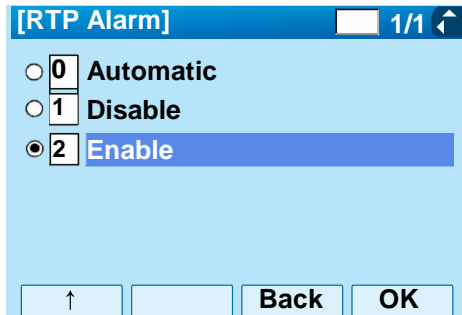
- Select **1 RTP Alarm** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press  key.)



Note: For the setting on the System, contact to the System Administrator.

Note: The currently enabled item is highlighted.

- Select **0 Automatic**, **1 Disable** or **2 Enable** (see the following table). Then, press  (Enter) or **OK** soft key.




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).

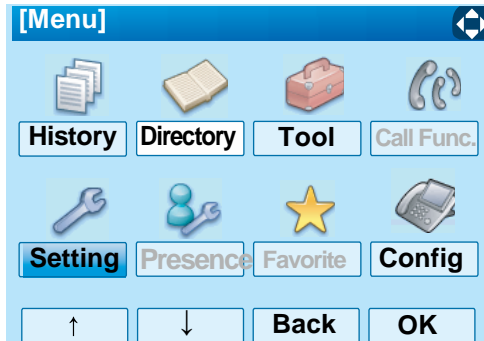
• TO ENABLE/DISABLE DTMF TONE



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

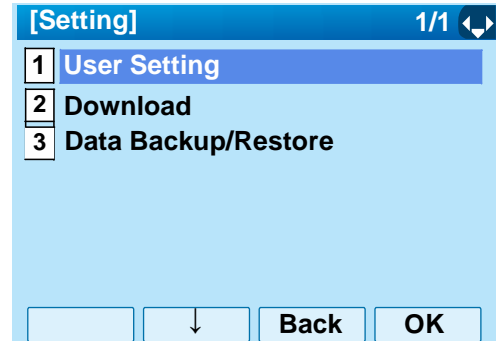
While indicating the current time on LCD, press



Menu key to open the **Menu** screen.

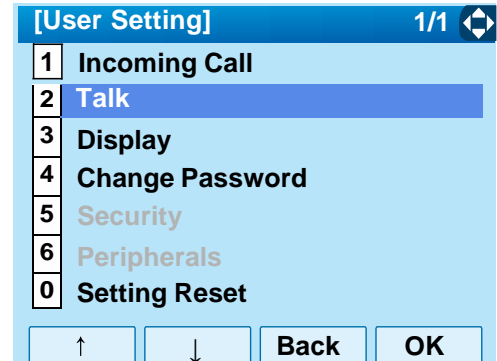
Select **Setting** and then press  (Enter) or **OK** soft key. (or press **5** key.)





Select **1** **User Setting** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **1** key.)




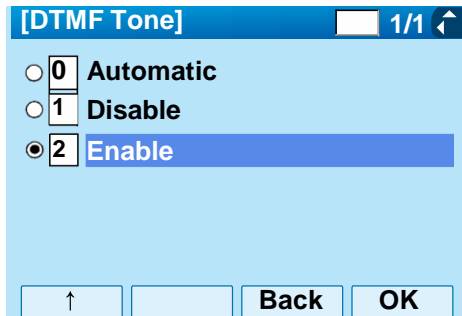
Select **2** **Talk** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **2** key.)



Select **2** **DTMF Tone** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **2** key.)



□ Select **0** Automatic, **1** Disable or **2** Enable (see the following table). Then, press  (Enter) or **OK** soft key.




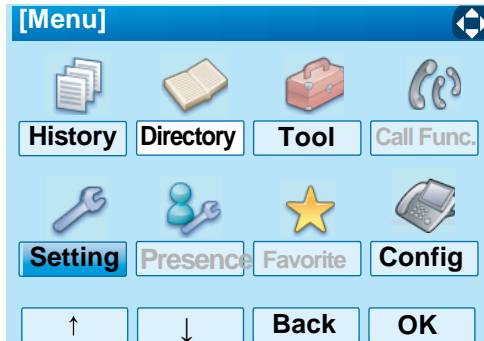
Menu Items	Descriptions
0 Automatic	Follow the setting on the System. If no setting is made in the System, the default setting (DTMF=ON) is applied.
1 Disable	Follow the setting on the terminal (OFF).
2 Enable	Follow the setting on the terminal (ON).



• TO SET KEY TOUCH

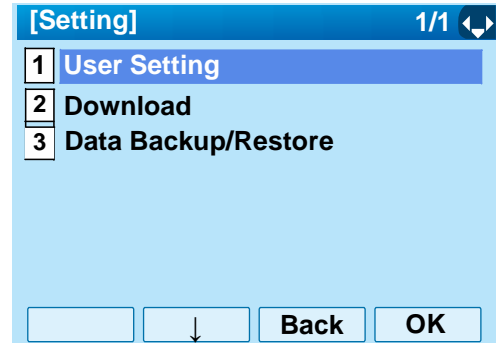
The procedure below shows how to set Key Touch Tone. Key Touch Tone is a tone generated when the digit keys are pressed while DT750 is off-hook.



- While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.

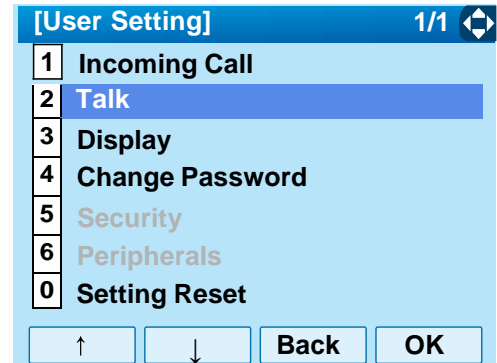
Select **Setting** and then press  (Enter) or **OK** soft key. (or press **5** key.)





- Select **1 User Setting** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **1** key.)



- Select **2 Talk** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **2** key.)



- Select **3 Key Touch Tone** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **3** key.)



Select **0** Automatic, **1** No Tone, **2** Tone or **3** Voice. Then, press  (Enter) or **OK** soft key.



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

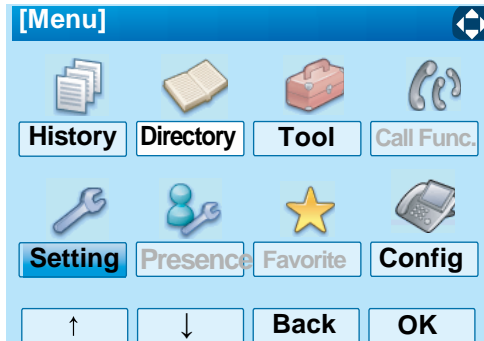
Note: The currently enabled item is highlighted.

• TO SET MUSIC ON HOLD

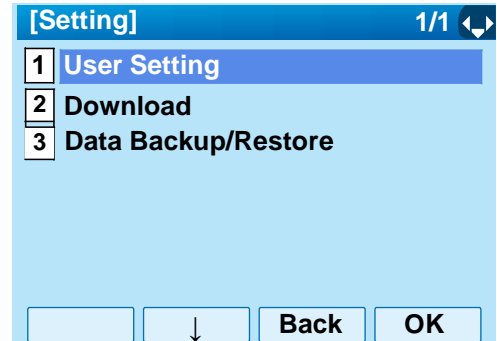
The procedure below shows how to set Music on Hold to be heard by DT750 user.

- While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.

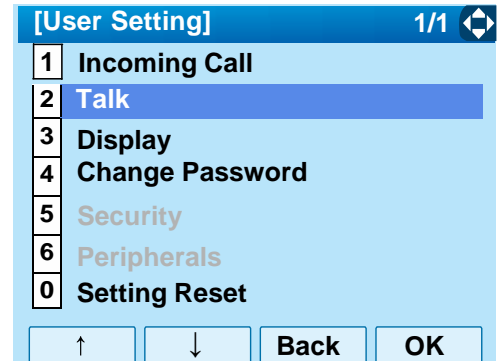
Select **Setting** and then press **Enter** or **OK** soft key. (or press **5** key.)



- Select **1** **User Setting** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **1** key.)




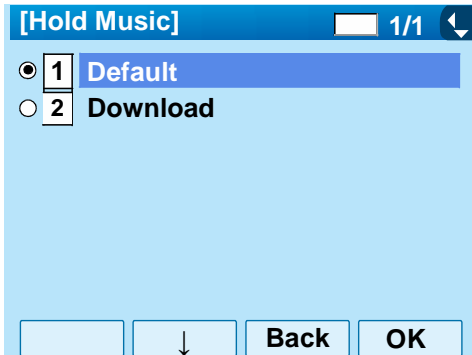
- Select **2** **Talk** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **2** key.)



- Select **4** **Hold Music** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **4** key.)



- Select **1 Default** when the default data (Menuet) is used as Music on Hold. Select **2 Download** when a downloaded data is used as Music on Hold. Then, press  (Enter) or **OK** soft key.



Note: *The currently enabled item is highlighted.*

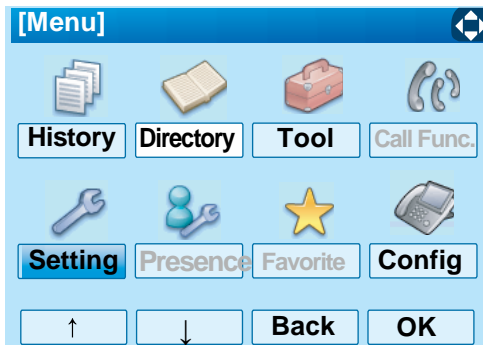
• TO SET CLOCK FORMAT

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

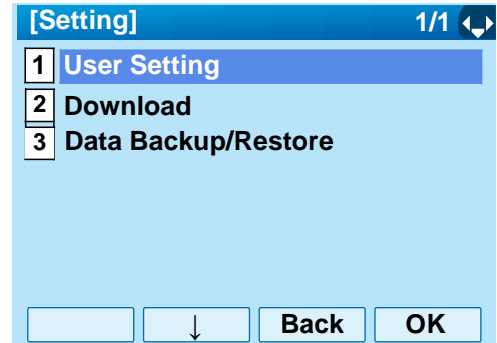
Note: *This setting is available for Time Display only. Call Log feature displays the time in 24-hour format regardless of this setting.*

- While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.

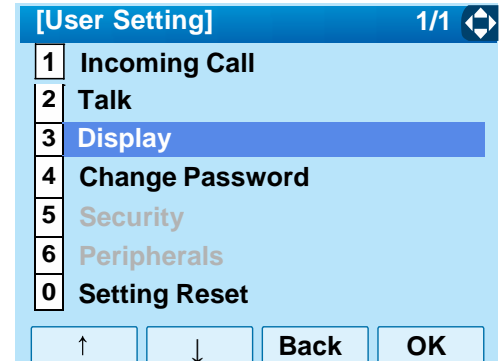
Select **Setting** and then press **Enter** or **OK** soft key. (or press **5** key.)



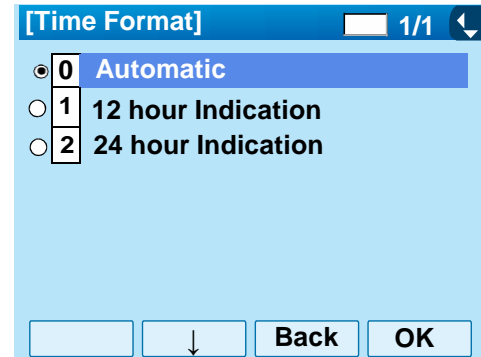
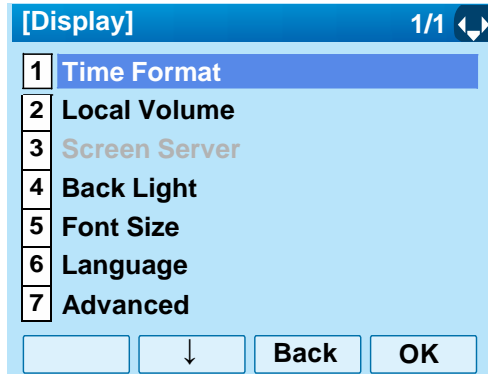
- Select **1 User Setting** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **1** key.)



- Select **3 Display** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **3** key.)



- Select **1 Time Format** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **1** key.)




Make a selection from the following list.

Menu Item	Meaning
0 Automatic	Follow the setting on the system. (default)
1 12 hour Indication	12-hour clock
2 24 hour Indication	24-hour clock

Note: For the setting on the System, contact to the System Administrator.

Note: The currently enabled item is highlighted.

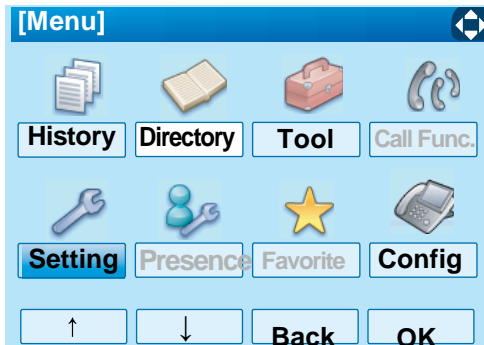
After Making a selection, press  (Enter) or **OK** soft key.

• TO ENABLE/DISABLE VOLUME LEVEL DISPLAY

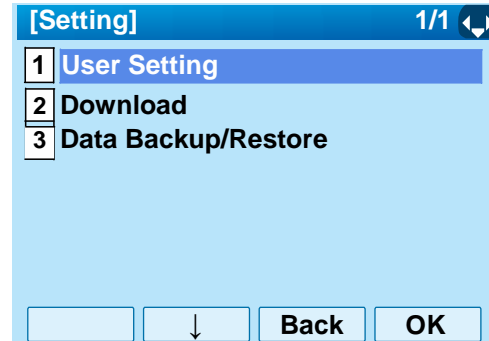
Determines whether or not to display the following volume levels: handset receiver volume, speaker volume, ringer tone volume and LCD contrast.

- While indicating the current time on LCD, press **(Menu)** key to open the **Menu** screen.

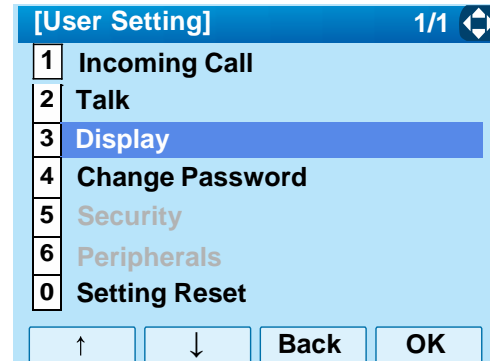
Select **Setting** and then press **(Enter)** or **OK** soft key. (or press **5** key.)



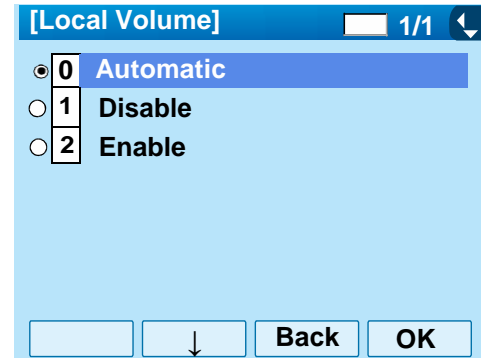
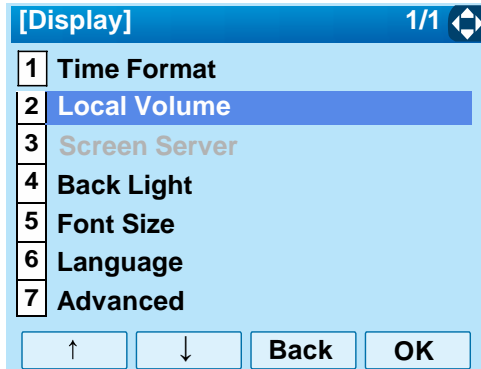
- Select **1 User Setting** and then press **(Enter)**, **(Right-cursor)** or **OK** soft key. (or press **1** key.)



- Select **3 Display** and then press **(Enter)**, **(Right-cursor)** or **OK** soft key. (or press **3** key.)




- Select **2 Local Volume** and then press **(Enter)**, **(Right-cursor)** or **OK** soft key. (or press **2** key.)



Make a selection from the following list.

Menu Item	Meaning
0 Automatic	Each volume level is displayed on LCD (default).
1 Disable	Each volume level is not displayed on LCD.
2 Enable	Each volume level is displayed on LCD.


After making a selection, press  (Enter) or **OK** soft key.

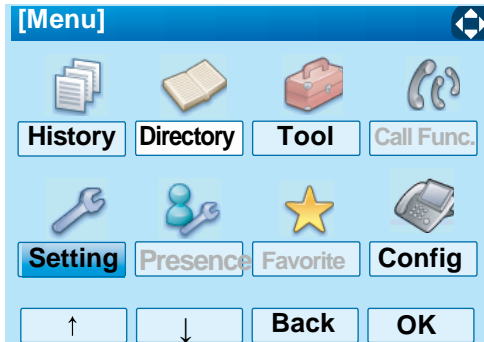
Note: *The currently enabled item is highlighted.*



• TO SET BRIGHTNESS OF BACKLIGHT

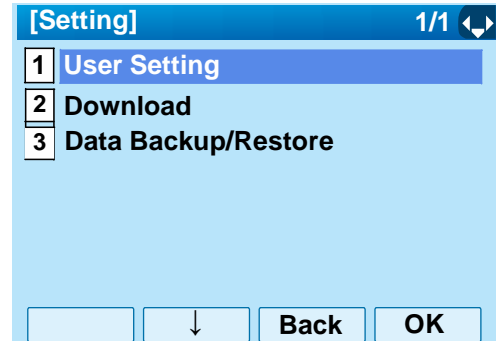
The following explains how to set the brightness level of the LCD backlight.



- While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.

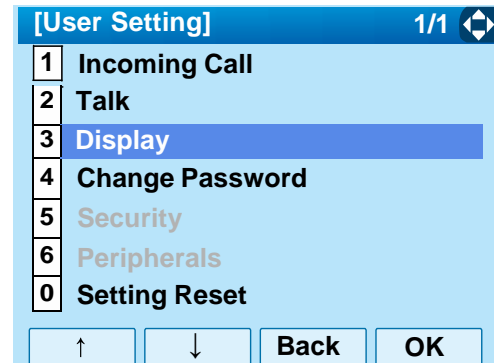
Select **Setting** and then press  (Enter) or **OK** soft key. (or press **5** key.)





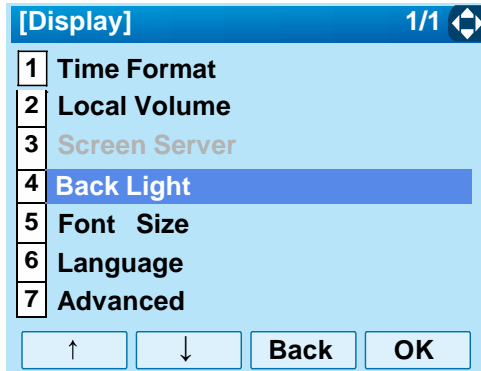
- Select **1 User Setting** and then press ,  (Right-cursor) or **OK** soft key. (or press **1** key.)



- Select **3 Display** and then press ,  (Right-cursor) or **OK** soft key. (or press **3** key.)




- Select **4 Back Light** and then press ,  (Right-cursor) or **OK** soft key. (or press **4** key.)



Select a desired brightness level (default: Level 2).

Note: *The currently enabled item is highlighted.*




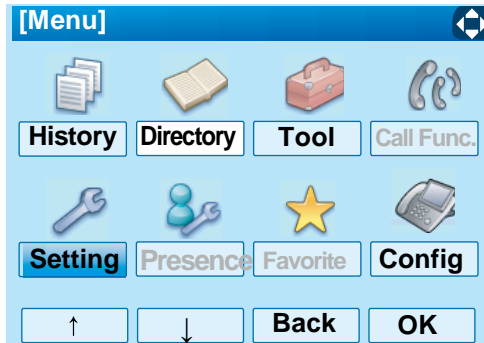
After making a selection, press  (Enter) or **OK** soft key.



• TO CHANGE CHARACTER SIZE

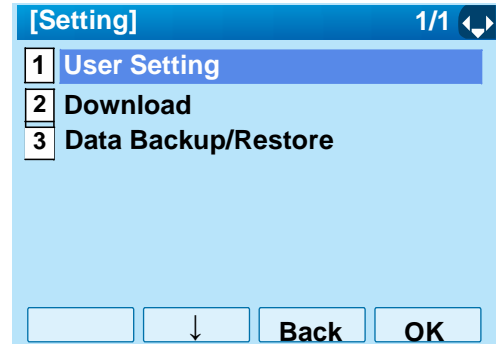
The following explains how to change the displayed character size on the LCD.



- While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.

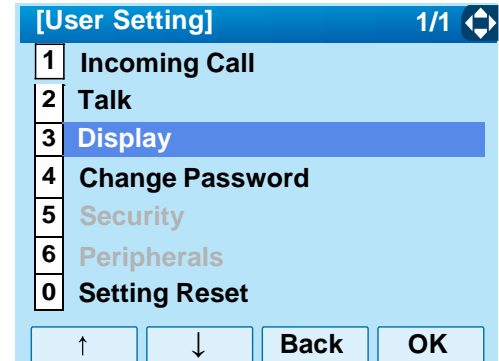
Select **Setting** and then press  (Enter) or **OK** soft key. (or press **5** key.)





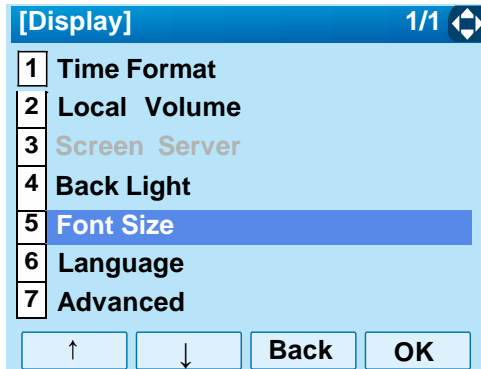
- Select **1 User Setting** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **1** key.)



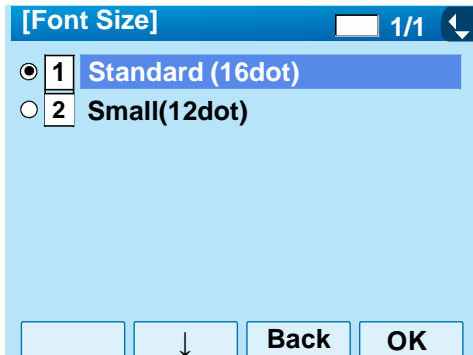
- Select **3 Display** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **3** key.)




- Select **5 Font Size** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **5** key.)



Select either "Standard(16dot)" of "Small(12dot)".





Note: *The currently enabled item is highlighted.*

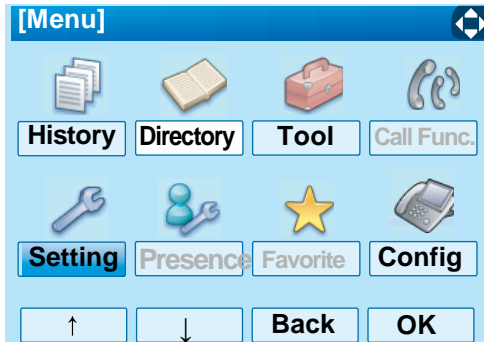
After Making a selection, press  (Enter) or **OK** soft key.



• TO SET A LANGUAGE

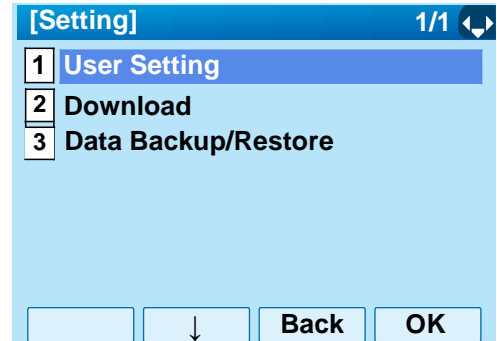
The following explains how to set a language to be displayed on LCD.



- While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.

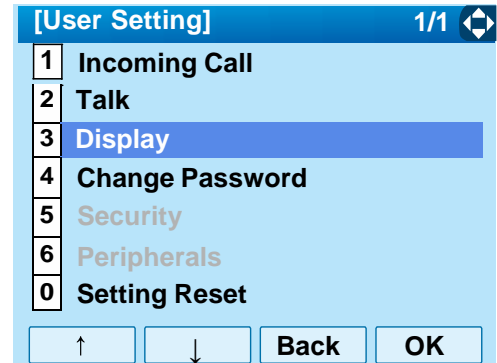
Select **Setting** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **5** key.)





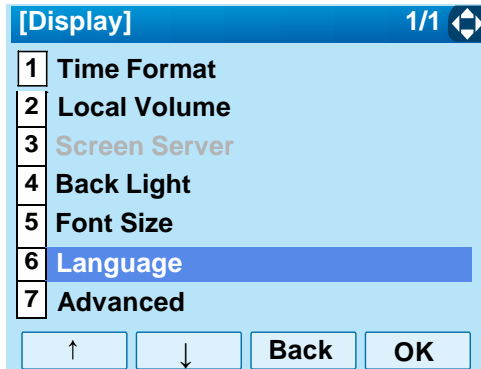
- Select **1 User Setting** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **1** key.)



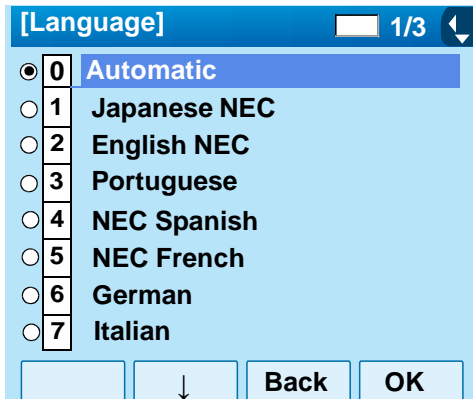
- Select **3 Display** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **3** key.)




- Select **6 Language** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **6** key.)



Select a desired language.



Note: *The currently enabled item is highlighted.*

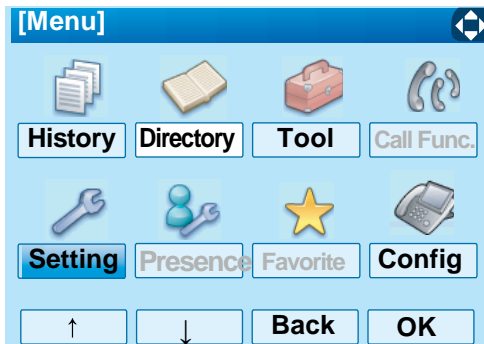
After Making a selection, press  (Enter) or **OK** soft key.

- **TO ENABLE/DISABLE TOUCH PANEL OPERATION**

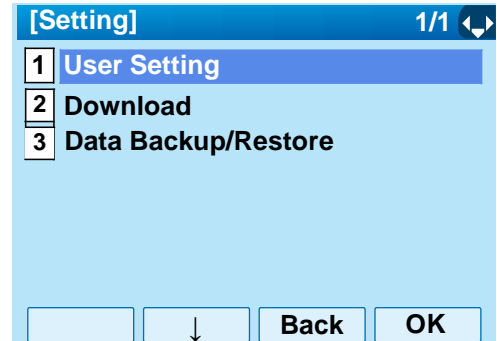
The following explains how to enable/disable the touch panel operation.

- While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.

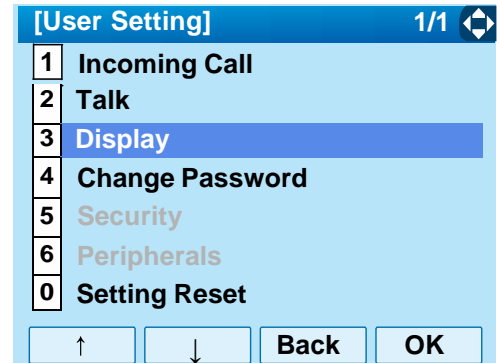
Select **Setting** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **5** key.)



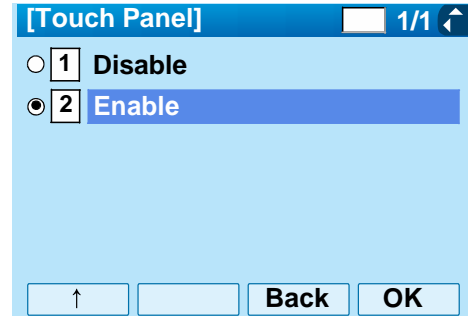
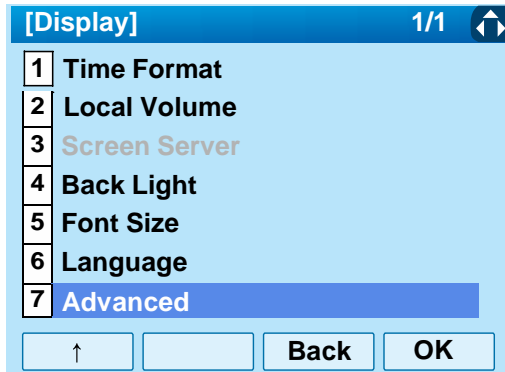
- Select **1 User Setting** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **1** key.)





- Select **3 Display** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **3** key.)

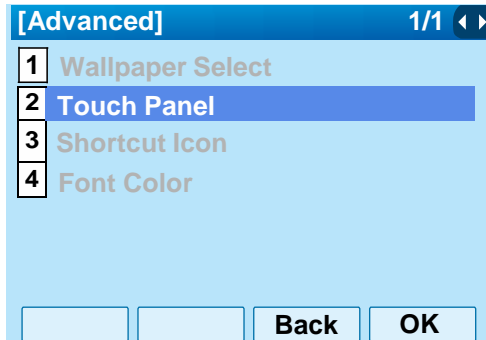



- Select **7 Advanced** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **7** key.)



Note: *The currently enabled item is highlighted.*

- Select **2 Touch Panel** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **2** key.)



- Select either **1 Disable** or **2 Enable** and then  (Enter) or **OK** soft key.

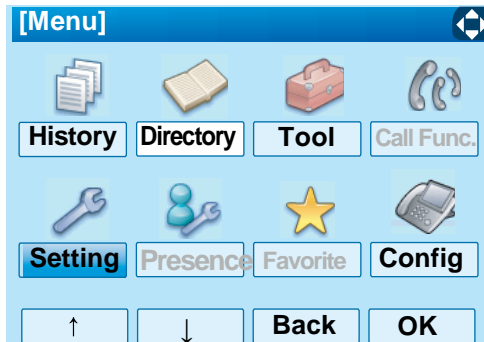
• TO CHANGE PASSWORD

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

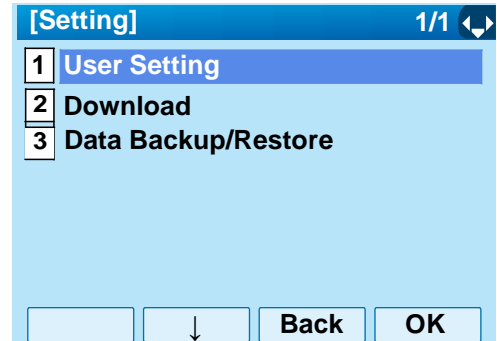
- To lock/unlock the telephone.
- To delete the directory data.
- To reset the telephone settings.

While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.

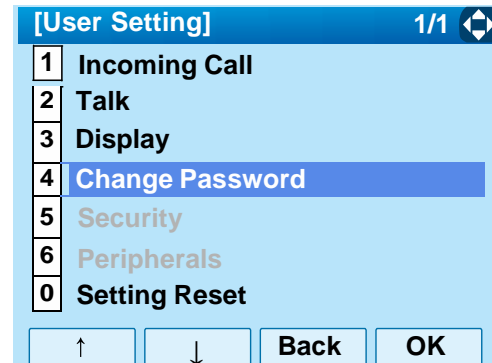
Select **Setting** and then press **Enter** or **OK** soft key. (or press **5** key.)



Select **1 User Setting** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **1** key.)





Select **4 Change** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **4** key.)




The **Change Password** screen is displayed. Enter the old password and then press **Down-cursor** or **Set** soft key.

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

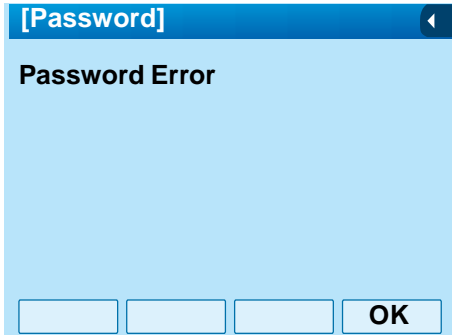
- Enter the new password and then press  (Down-cursor) or **Set** soft key.

- Enter the new password again and then press  (Enter) or **OK** soft key.

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

- When the password entry completes successfully, the display changes as follows. Press  (Enter) or **OK** soft key.

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

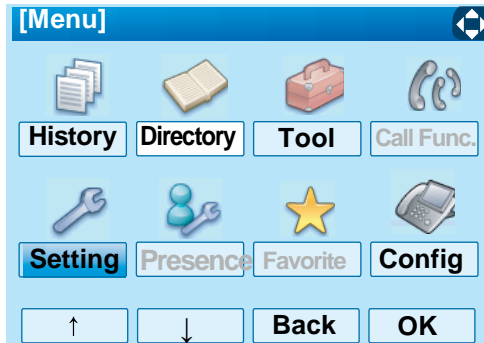


• TO RESET TELEPHONE SETTINGS

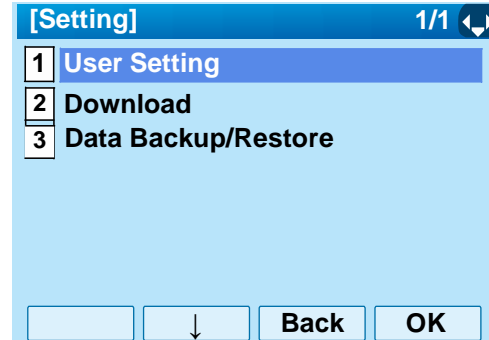
The following explains how to clear the personal data of the telephone.

- While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.

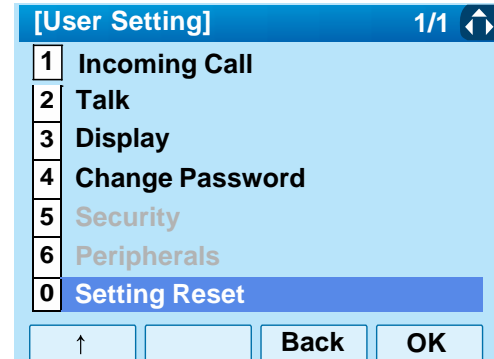
Select **Setting** and then press **Enter** or **OK** soft key. (or press **5** key.)



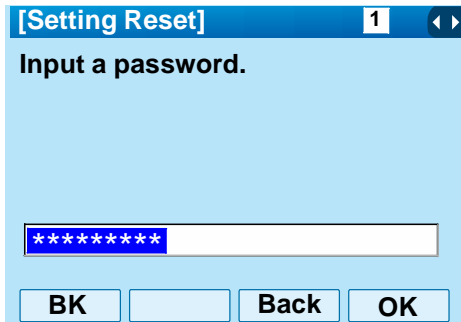
- Select **1 User Setting** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **1** key.)




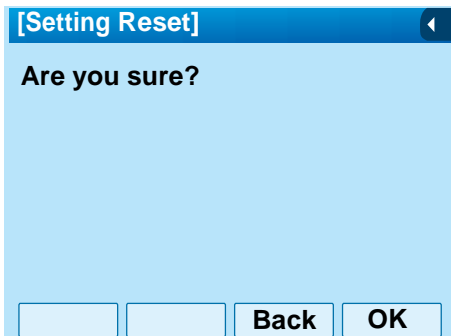
- Select **0 Setting** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **0** key.)



- Enter the password and then press **Enter** or **OK** soft key.



- Press  (Enter) or **OK** soft key to clear the personal data of the telephone.



- **TO DOWNLOAD A FILE**

DT750 user can download files for Music on Hold, Ringer Tone and Directory. When downloading these files, the DT750 needs to be connected to the network that has FTP (TFTP server).

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

Before starting the download, an IP Address of the FTP/TFTP Server must be entered from DT750.

STEP 1: Set up the FTP/TFTP server.

<FTP server>

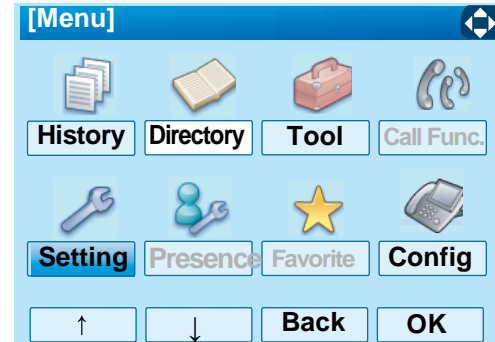
Put the downloading file into the designated directory of the FTP server.

<TFTP server>

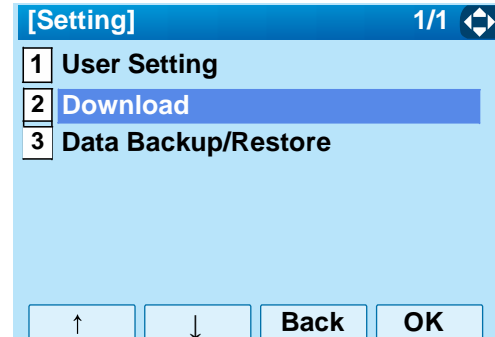
Put the downloading file into a desired directory of TFTP server and then specify it as the directory for downloading.

STEP 2: While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.

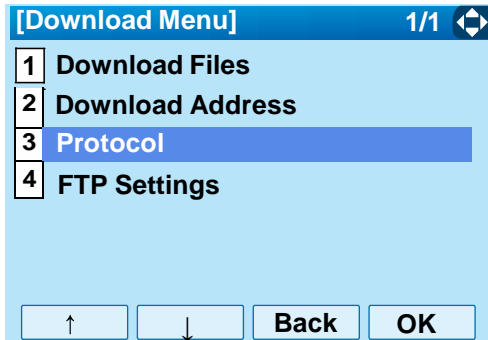
Select **Setting** and then press **Enter** or **OK** soft key. (or press **5** key.)



STEP 3: Select **2 Download** and then press **Enter** (**Enter**), **Right-cursor** or **OK** soft key. (or press **2** key.)



STEP 4: Select **3 Protocol** and then press **Enter** (**Enter**), **Right-cursor** or **OK** soft key. (or press **3** key.)

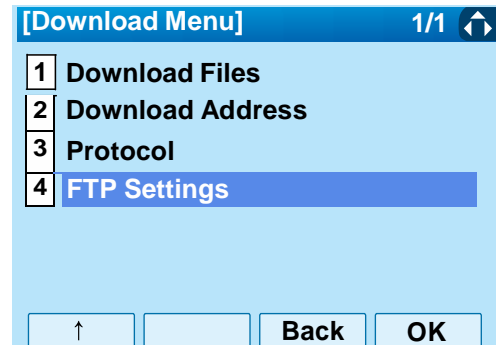
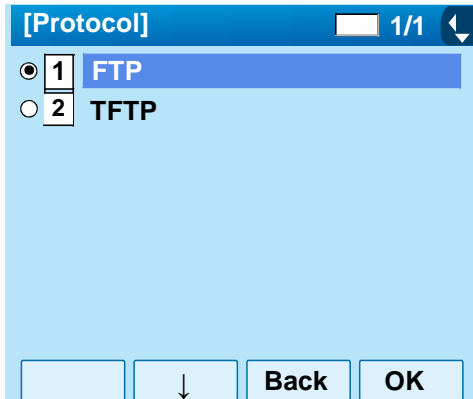


When **1** **FTP** is selected here, go to the next Step (STEP 7).

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

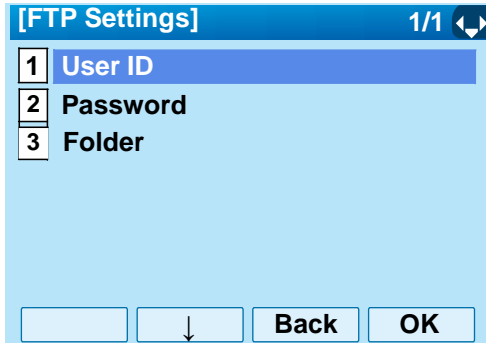
STEP 7: Select **4** **FTP Settings** and then press (Enter), (Right-cursor) or **OK** soft key. (or press **4** key.)


STEP 5: Select a protocol used by the server which stores the download file. After making a selection, press (Enter) or **OK** soft key.

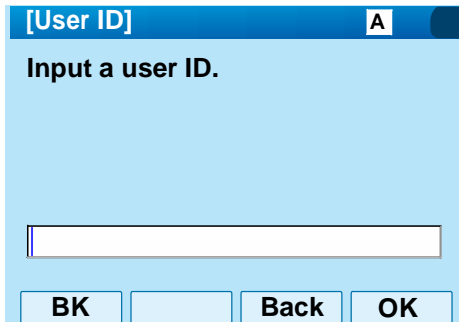


STEP 8: Select **1** **User ID** and then press (Enter), (Right-cursor) or **OK** soft key. (or press **1** key.)



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



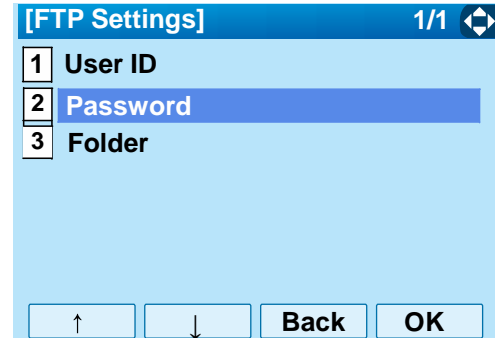
STEP 9: Enter a User ID by using digit keys, then press  (Enter) or **OK** soft key.




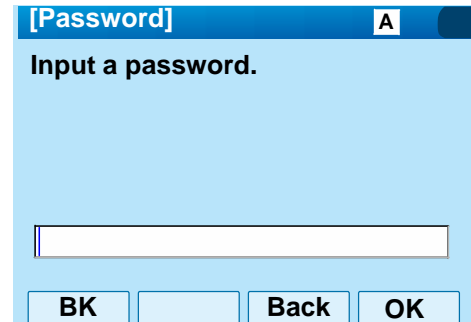
Note: For details on character entry method, see *LAST NUMBER REDIAL* in chapter 4 Basic Operation.

STEP 10: The display goes back to the **FTP Settings** screen. Select **2 Password** and then press  (Enter),  (Right-cursor) or **OK** soft key.

(or press **2** key.)





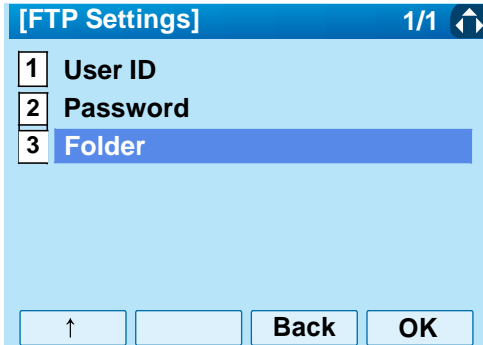
STEP 11: Enter a password by using digit keys, then press  (Enter) or **OK** soft key.




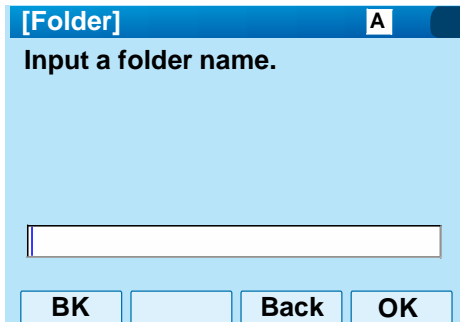
Note: For details on character entry method, see *LAST NUMBER REDIAL* in chapter 4 Basic Operation.

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


 (Enter),  (Right-cursor) or **OK** soft key.
(or press **3** key.)

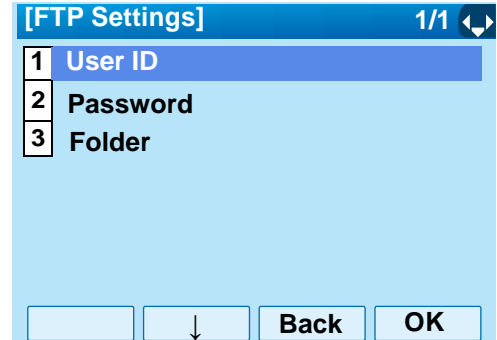




STEP 13: Enter the directory where the download file is stored and then press  (Enter) or **OK** soft key.

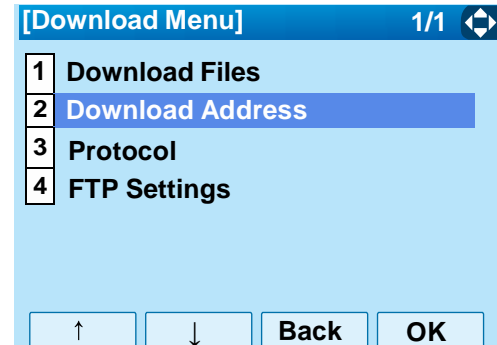


Note: For details on character entry method, see [LAST NUMBER REDIAL](#) in chapter 4 Basic Operation.

STEP 14: The display goes back to the **FTP Settings** screen. Press  (Left-cursor) or **Back** soft key to display the **Download Menu** screen.

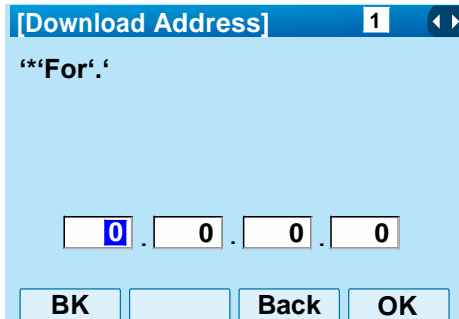



STEP 15: Select **2 Download Address** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **2** key.)





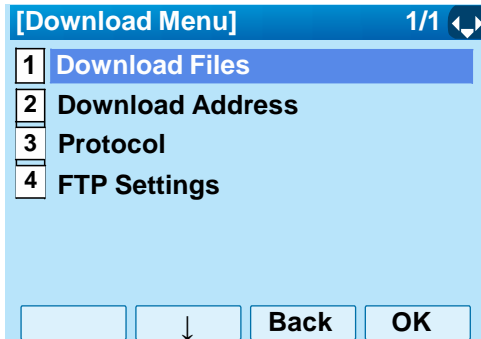
STEP 16: Enter an IP address of the FTP/TFTP server

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 (*)].



After entering an IP address, press  (Enter) or **OK** soft key.

STEP 17: The display goes back to the **Download Menu** screen. Select **1 Download Files** and then press ,  (Right-cursor) or **OK** soft key. (or press **1** key.)

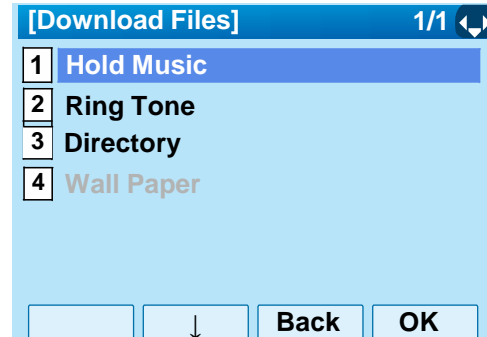


STEP 18: Select a file to be downloaded.

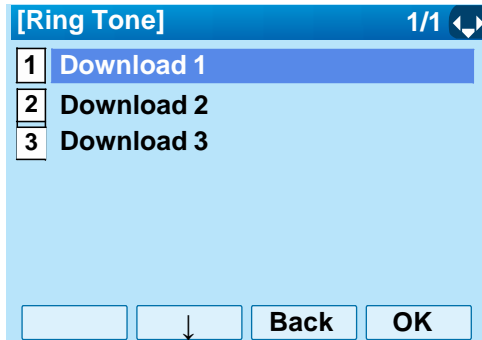
When downloading a file : Select **1 Hold Music** and go for Music on Hold to **STEP 18**.

When downloading a file : Select **2 Ring Tone** and go for ringer tone to **STEP 17**.

When downloading a file : Select **3 Directory** and go for directory to **STEP 18**.

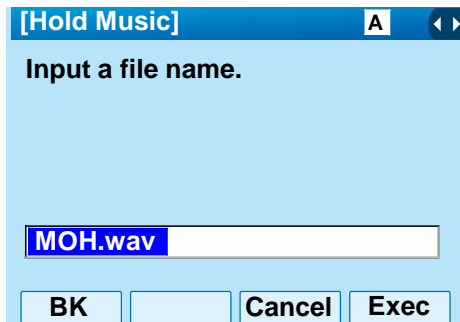


STEP 19: When **2 Ring Tone** is selected at STEP 16, the following **Ring Tone** screen is displayed. Select either **1 Download1**, **2 Download2** or **3 Download3**.



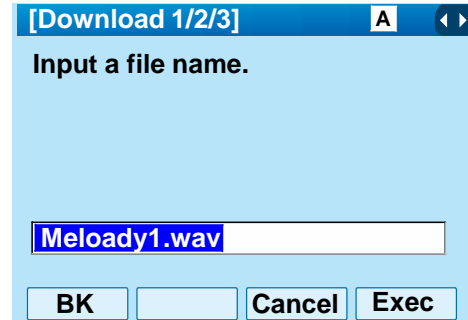
STEP 20: The default file name will be displayed.

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



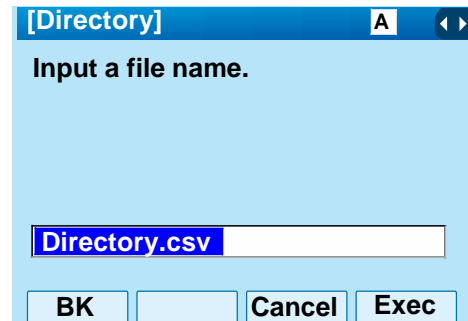
File Format	Maximum Size
PCM μ -low 16kHz/s wav.	under 15 seconds
PCM μ -low 8kHz/s wav.	under 30 seconds

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



File Format	Maximum Size
PCM μ -low 16kHz/s wav.	under 15 seconds
PCM μ -low 8kHz/s wav.	under 30 seconds

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



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

When changing the file name, go to the next step (**STEP 19**).


When not changing the file name, go to **STEP 20**.

STEP 21: Press **BK** soft key once to delete the default file name and then enter a new file name by using the digit keys.

Note: For details on character entry method, see *LAST NUMBER REDIAL* in chapter 4 Basic Operation.

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

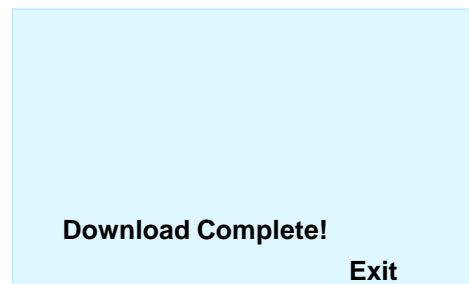
Note: To delete an entered character, press **BK** soft key.

STEP 22: Press  (**Enter**) or **Exec** soft key to start the downloading process. While downloading a file, the LCD displays "Downloading..." first and then "Saving...".

Note: Be sure not to turn OFF the DT750 while "Saving..." is displayed on the LCD.

STEP 23: After the downloading process is complete,

the display changes as follows:



Reset the DT750 by pressing **Exit** soft key.

Note: When the downloading process ends in failure, "Downloading Failed!" is displayed on the LCD. Check to see the following and then make a 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 DT750 and FTP/TFTP server.	Set the same file name from both DT750 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

DT750 user can backup personal settings of DT750 to FTP/TFTP server. To back up the setting data, the DT750 needs to be connected to the network that has FTP (TFTP server).

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

Before starting the backup, an IP Address of the FTP/TFTP Server must be entered from DT750.

STEP 1: Set up the FTP/TFTP server.

<FTP server>

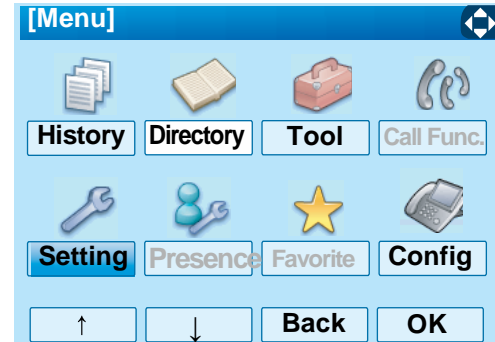
Confirm the designated directory for the backed up file.

<TFTP server>

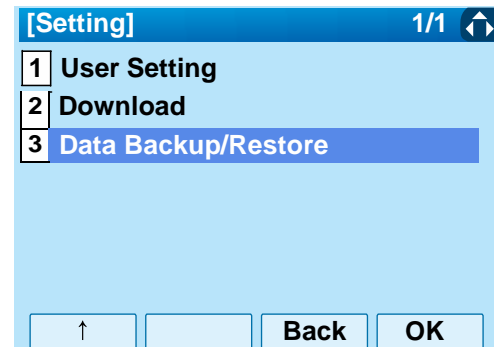
Specify a desired destination directory for the backed up file.

STEP 2: While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.

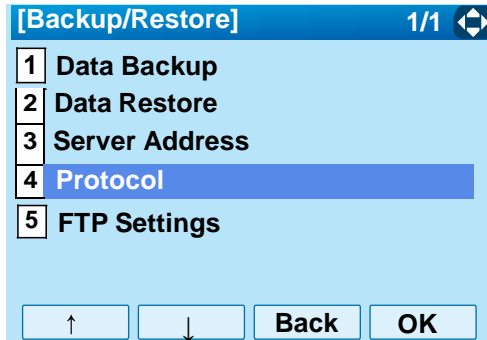
Select **5 Setting** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **5** key.)



STEP 3: Select **3 Data Backup/Restore** and then press **Enter** (**Right-cursor**) or **OK** soft key. (or press **3** key.)



STEP 4: Select **4 Protocol** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **4** key.)

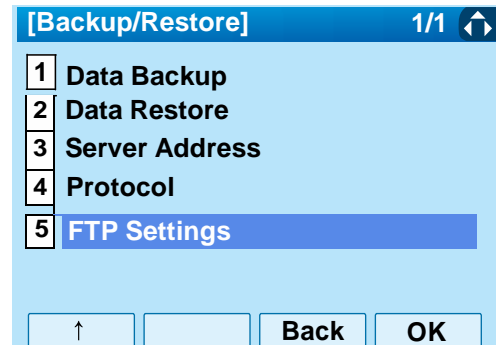
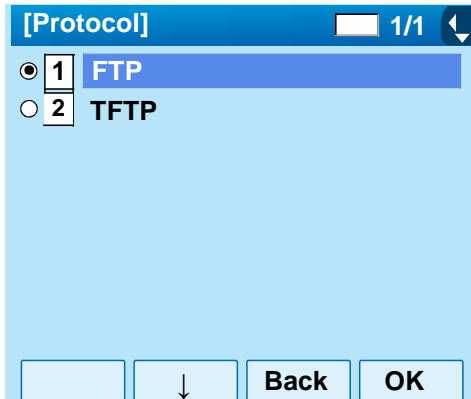


When **1 FTP** is selected here, go to the next Step (STEP 7).

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

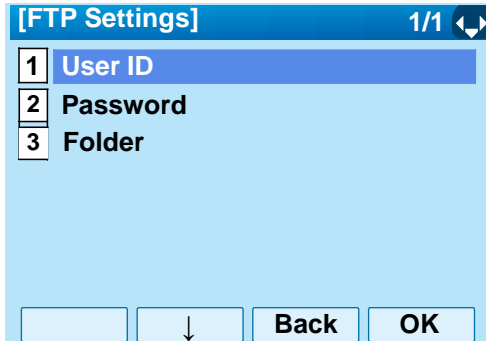
STEP 7: Select **5 FTP Settings** and then press (Enter), (Right-cursor) or **OK** soft key. (or press **5** key.)

STEP 5: Select a protocol used by the destination server. After making a selection, press (Enter) or **OK** soft key.

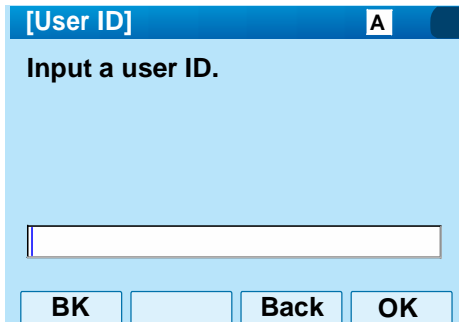


STEP 8: Select **1 User ID** and then press (Enter), (Right-cursor) or **OK** soft key. (or press **1** key.)

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



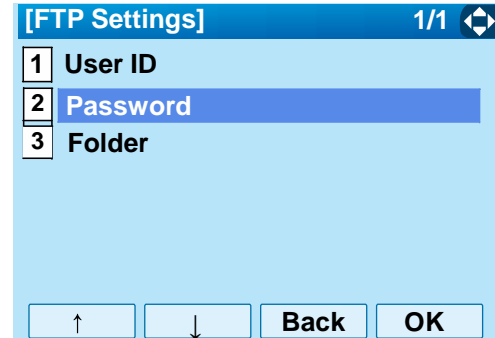
STEP 9: Enter a User ID by using digit keys, then press (Enter) or **OK** soft key.



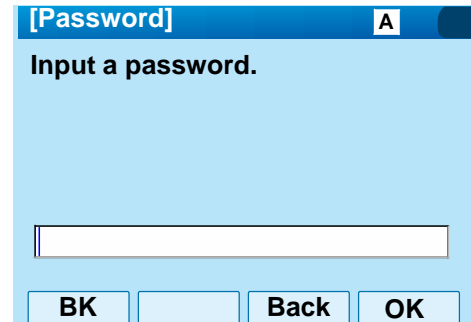
Note: For details on character entry method, see *LAST NUMBER REDIAL* in chapter 4 Basic Operation.

STEP 10: The display goes back to the **FTP Settings** screen. Select **2 Password** and then press (Enter), (Right-cursor) or **OK** soft key.

(or press **2** key.)





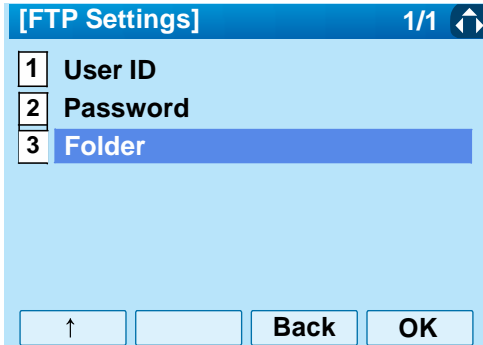
STEP 11: Enter a password by using digit keys, then press (Enter) or **OK** soft key.




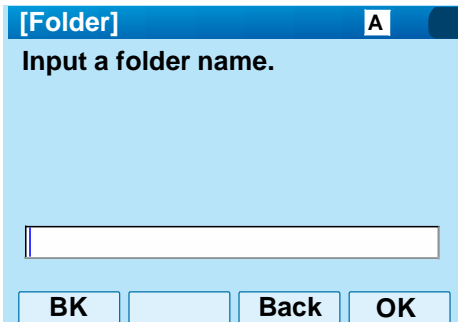
Note: For details on character entry method, see *LAST NUMBER REDIAL* in chapter 4 Basic Operation.

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

 (Enter),  (Right-cursor) or **OK** soft key.
(or press **3** key.)

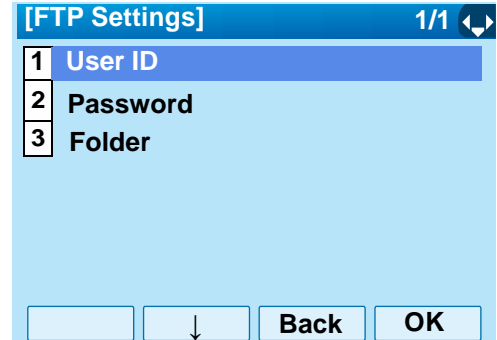


STEP 13: Enter the destination directory of the FTP/
TFTP server and then press  (Enter) or **OK**
soft key.

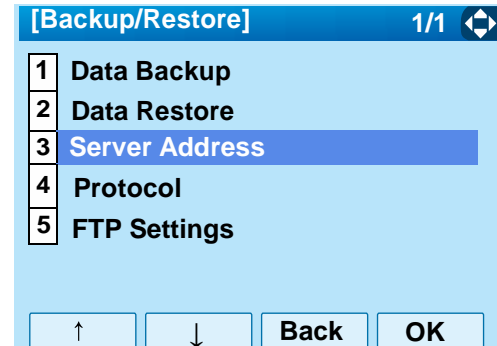


Note: For details on character entry method, see [LAST NUMBER REDIAL](#) in chapter 4 Basic Operation.

STEP 14: The display goes back to the **FTP Settings**
screen. Press  (Left-cursor) or **Back** soft
key to display the **Backup/Restore** screen.

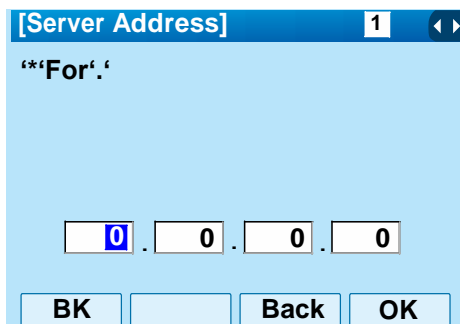



STEP 15: Select **3 Server Address** and then press
,  (Right-cursor) or **OK** soft key.
(or press **3** key.)





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

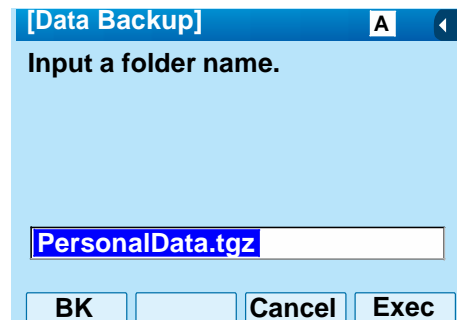
TFTP server. For example, to set the IP address of 10.41.208.205, enter 10*41*208*205 [separate with an asterisk (*)].



After entering an IP address, press  (Enter) or **OK** soft key.

STEP 17: The display goes back to the **Backup/Restore** screen. Select **1 Data Backup** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **1** key.)

The default file name will be displayed as follows:




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

Note: For details on character entry method, see [LAST NUMBER REDIAL](#) in chapter 4 Basic Operation.

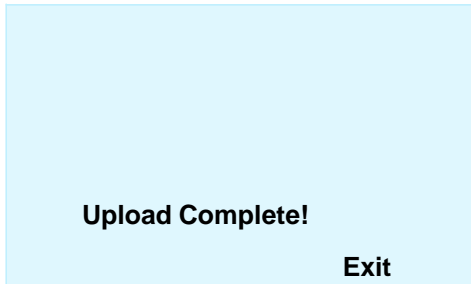
Note: A maximum of 20 characters ("0-9", "A-Z", "a-z", "*", "#", ".", "-" or "_") can be entered as a file name.

Note: To delete an entered character, press **BK** soft key.

STEP 18: Press  (Enter) or **Exec** soft key to start the data backup. While making a backup copy, the LCD displays "Uploading..." first and then "Saving..."

Note: *Be sure not to turn OFF the DT750 while "Saving..." is displayed on the LCD.*

STEP 19: After the data backup is complete, the display changes as follows:



Reset the DT750 by pressing **Exit** soft key.

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

Check Points	Actions
A different file name is specified between DT750 and FTP/TFTP server.	Set the same file name from both DT750 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 RESTORE PERSONAL SETTINGS

DT750 user can restore the personal settings of DT750. To download the backup file to the telephone, the DT750 needs to be connected to the network that has FTP (TFTP server).

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

Before starting the download, an IP Address of the FTP/TFTP Server must be entered from DT750.

STEP 1: Set up the FTP/TFTP server.

<FTP server>

Put the backup file you want to restore into the designated directory of the FTP server.

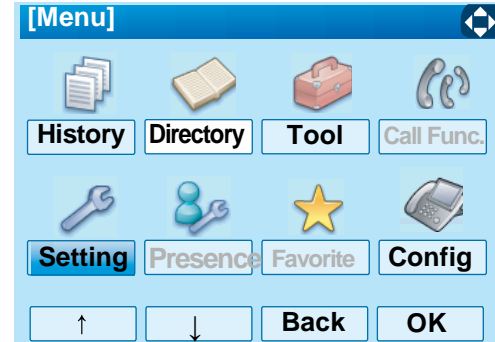
<TFTP server>

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

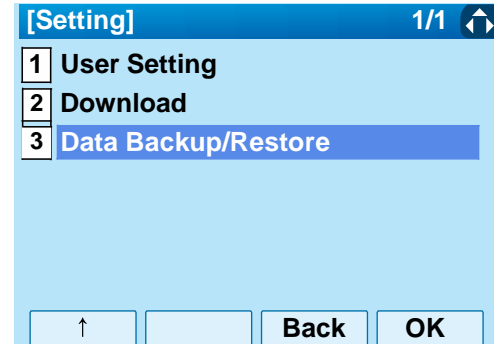
STEP 2: While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.

Select **5** **Setting** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **5**

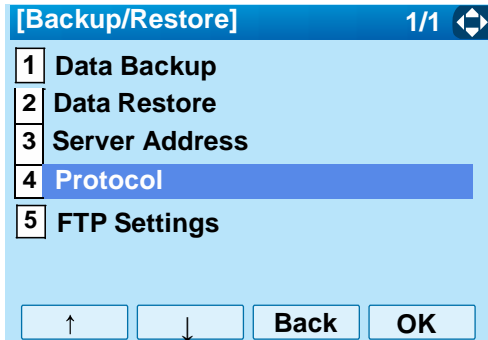
key.)



STEP 3: Select **3** **Data Backup/Restore** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **3** key.)



STEP 4: Select **4** **Protocol** and then press **Enter**, **Right-cursor** or **OK** soft key. (or press **4** key.)

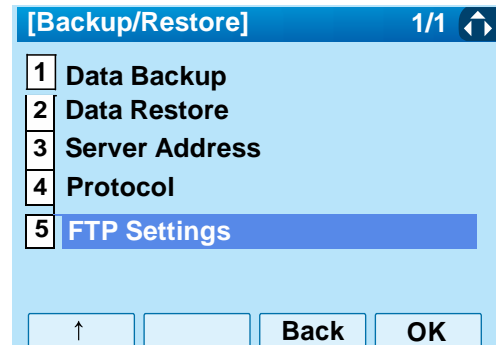
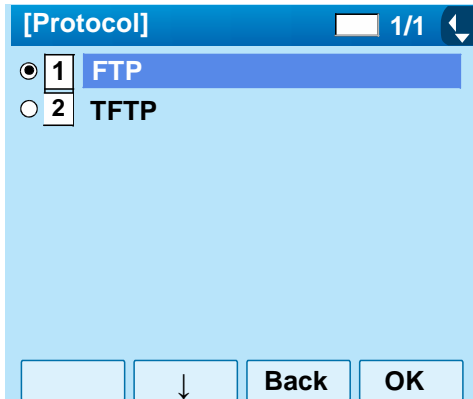


When **1** **FTP** is selected here, go to the next Step (STEP 7).

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

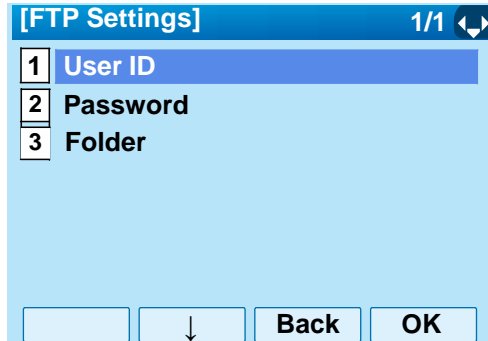
STEP 7: Select **5** **FTP Settings** and then press (Enter), (Right-cursor) or **OK** soft key. (or press **5** key.)

STEP 5: Select a protocol used by the server which stores the backup file. After making a selection, press (Enter) or **OK** soft key.

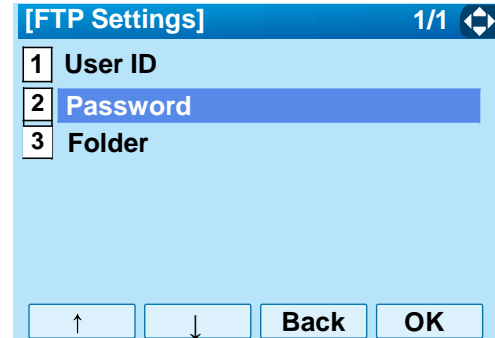


STEP 8: Select **1** **User ID** and then press (Enter), (Right-cursor) or **OK** soft key. (or press **1** key.)

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

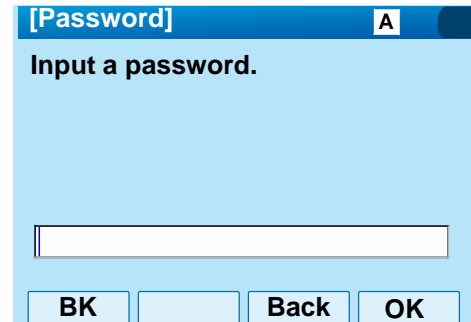
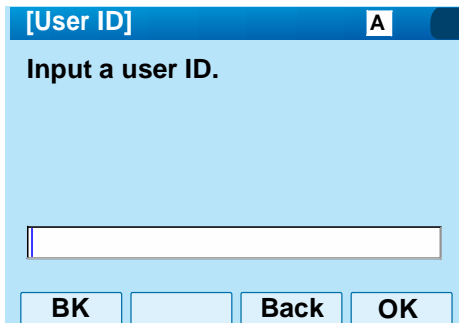


(or press **2** key.)



STEP 9: Enter a User ID by using digit keys, then press **Enter** or **OK** soft key.

STEP 11: Enter a password by using digit keys, then press **Enter** or **OK** soft key.





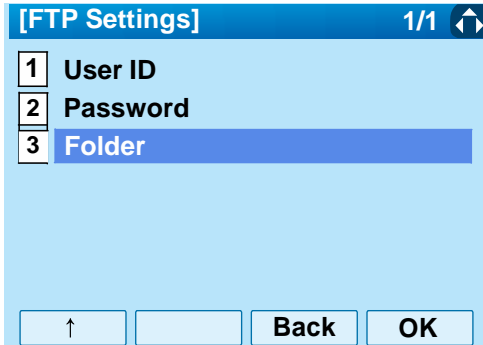
Note: For details on character entry method, see *LAST NUMBER REDIAL* in chapter 4 Basic Operation.


Note: For details on character entry method, see *LAST NUMBER REDIAL* in chapter 4 Basic Operation.

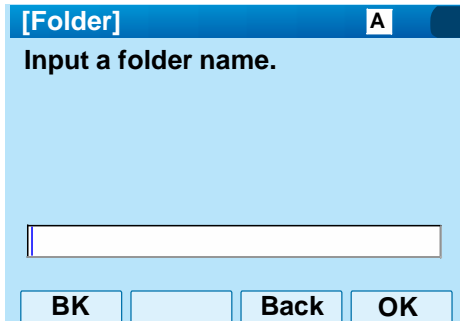
STEP 10: The display goes back to the **FTP Settings** screen. Select **2 Password** and then press **Enter**, **Right-cursor** or **OK** soft key.

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

 (Enter),  (Right-cursor) or **OK** soft key.
(or press **3** key.)

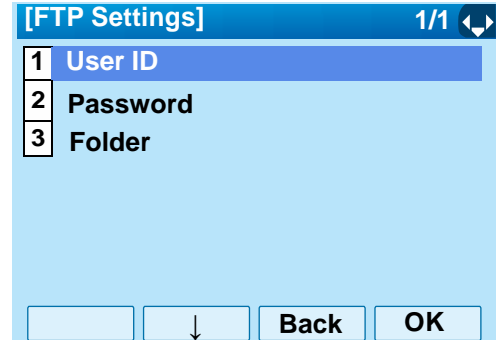


STEP 13: Enter the directory where the backup file is stored and then press  (Enter) or **OK** soft key.

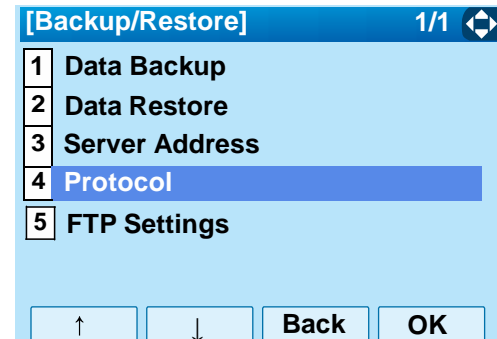


Note: For details on character entry method, see [LAST NUMBER REDIAL](#) in chapter 4 Basic Operation.

STEP 14: The display goes back to the **FTP Settings** screen. Press  (Left-cursor) or **Back** soft key to display the **Backup/Restore** screen.

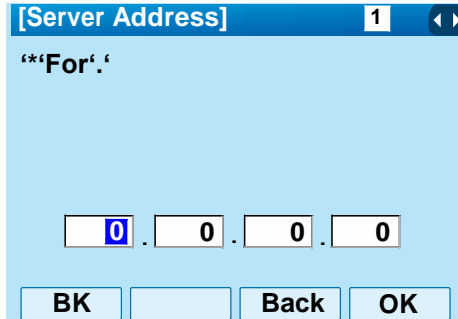



STEP 15: Select **3 Server Address** and then press  (Enter),  (Right-cursor) or **OK** soft key.
(or press **3** key.)





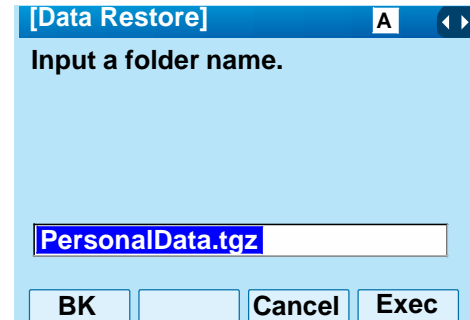
STEP 16: Enter an IP address of the FTP/TFTP server

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 (*)].



After entering an IP address, press  (Enter) or **OK** soft key.

STEP 17: The display goes back to the **Backup/Restore** screen. Select **2 Data Restore** and then press  (Enter),  (Right-cursor) or **OK** soft key. (or press **1** key.)
The default file name will be displayed as follows:




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

Note: For details on character entry method, see [LAST NUMBER REDIAL](#) in chapter 4 Basic Operation.

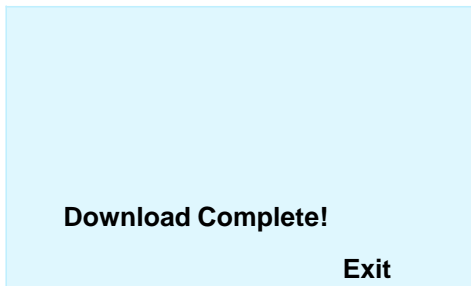
Note: A maximum of 20 characters ("0-9", "A-Z", "a-z", "*", "#", ".", "-" or "_") can be entered as a file name.

Note: To delete an entered character, press **BK** soft key.

STEP 18: Press  (Enter) or **Exec** soft key to start restoring the backup data to the telephone. While downloading the backup data, the LCD displays "Downloading..." first and then "Saving..."

Note: *Be sure not to turn OFF the DT750 while "Saving..." is displayed on the LCD.*

STEP 19: After the downloading process is complete, the display changes as follows:



Reset the DT750 by pressing **Exit** soft key.

Note: *When the downloading process ends in failure, "Download Failed!" is displayed on the LCD. Check to see the following and then make a retry.*

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.

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 DT750 and FTP/TFTP server.	Set the same file name from both DT750 and FTP/TFTP server.

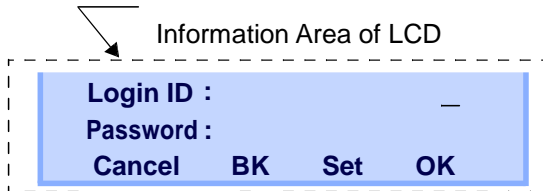
3. BASIC OPERATION

This chapter describes the following basic operation of DT750.

- 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 MAKE A CALL USING ONE-TOUCH
SPEED CALLING KEYS
- TO MAKE A CALL USING SPEED CALLING - STATION/GROUP
- TO MAKE A CALL USING SPEED CALLING - SYSTEM
- LAST NUMBER REDIAL
- THREE-PARTY CONFERENCE
- SECURITY MODE
- DIAL BY NAME
- CALL HISTORY

TO LOGIN

- When login mode is activated, the telephone prompts for Login ID and Password.



- Enter Login ID and press **Set** soft key.
(Station number is usually used as the Login code.)



- Enter a password and press **OK** soft key.



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



- Press the pre-assigned **Logout** soft key on the terminal.



- “**LOGOUT?**” is displayed on the LCD of the terminal.



- Press the **Logout** soft key on the terminal again.

TO MAKE AN EXTERNAL CALL

- Lift the handset or press  key, receive dial tone.

Line Key which accommodates
My Line of the telephone



Station Number
of My Line



- Dial the Central Office access code, e.g. **9**.

Dialed Code



- Dial desired telephone number.

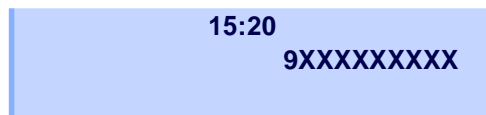
Dialed Code + Number



- Use handset or MIC to start a conversation.

Display indicates:

Elapsed Time



Note: *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 the Speaker key.*

TO MAKE AN INTERNAL CALL

- Lift handset or press **Speaker** key, receive dial tone.
Line Key which accommodates
My Line of the telephone



Blink → Station Number
of My Line



- Dial a desired station number. Display indicates the
dialed number.

Dialed Number




- Use the handset or MIC to start a conversation.

Dialed Number




Note: *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 the Speaker key*

TO ANSWER AN EXTERNAL CALL

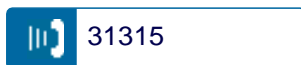
- You hear the ringing tone, and  key and Call Indicator Lamp flash red.

Line Key receiving an Incoming Call



- Press  key or touch the appropriate Line Key.
- Lift the handset to answer the call.

Status icon changes as follows:



When caller ID is received, LCD displays as follows:




When caller ID is not received, the LCD displays as follows:

Elapsed Time	Trunk Type	Trunk Number
15:39	DDD	3
1:25 PM	MON 24 AUG 2009	

Note: *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 the Speaker Key.*

TO ANSWER AN INTERNAL CALL

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

- You hear the ringing tone, and  key and Call Indicator Lamp flash red.

Line Key which accommodates
My Line of the telephone



Blink → (Calling Station
Number)



- Lift the handset to answer the call.

Status icon changes as follows:



Calling Station
Number



Note: *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 the Speaker Key.*

MULTILINE APPEARANCE

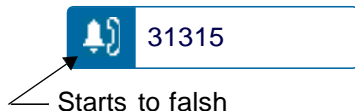
This feature allows users to accommodate the lines (other telephone's station number) other than My Line on the Programmable Line/Feature Keys. When accommodating other telephone's station number on the Programmable Line/Feature Key, the user can answer the call routed to the other telephone by pressing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

Note: *For the setting of Multiline Appearance, contact the System Maintenance Administrator.*

• TO ANSWER A CALL

- 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).

MULTILINE APPEARANCE Feature key



- Touch the **MULTILINE APPEARANCE** Feature key on the display. **Speaker** key lamp lights red.

Status icon changes as follows:



- Lift handset to start a conversation. **Speaker** key lamp goes off.

TO HOLD A CALL

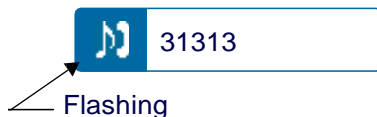
- While engaged in a Two-party call:

Line Key which is being used

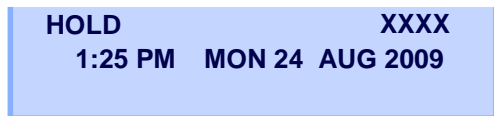


- Press **HOLD** key to hold the call in progress.

Status icon changes as follows:



Held Station Number



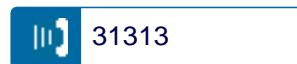
- The person on the other end hears the music on hold.
- Replace the handset.

• TO RETRIEVE

- Lift handset or press **Speaker** key.

- Lift the handset and then touch the held Line Key on the display.

Status icon changes as follows:



Note: Any station with this line appearance can retrieve the call.

• IF UNANSWERED

- After preprogrammed time, Automatic Recall is initiated.
- Call Indicator lamp flashes and the user hears Automatic Recall Ringer.

Status icon changes as follows:



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.

- While engaged in a Two-party call:

Line Key which is being used



- Press **HOLD** key twice. The LCD displays as follows:

Status icon changes as follows:



Held Station Number



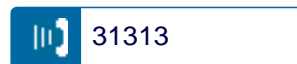
- Replace the handset.

• TO RETRIEVE

- Lift handset or press **Speaker** key.

- Touch the held Line Key on the display. The conversation is re-established.

Status icon changes as follows:



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

• IF UNANSWERED

- After preprogrammed time, Automatic Recall is initiated.
- Call Indicator lamp flashes and the user hears Automatic Recall Ringer.

Status icon changes as follows:



TO TRANSFER A CALL

- During a conversation, press **Transfer** key. Receive Special Dial Tone. The first party is placed on hold and hears the music on hold.

TRANSFER
1:25 PM MON 24 AUG 2009

- Dial the destination party's number. Receive Ring-back Tone.

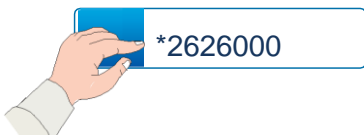
Destination station
or trunk number

TRANSFER **XXXX**
1:25 PM MON 24 AUG 2009

- The destination party answers the call. Announce the call to the destination party.
- Replace the handset. The transfer is complete.

TO MAKE A CALL USING ONE-TOUCH SPEED CALLING KEYS

- Touch the desired **One-Touch Speed Calling** key on the display.



- Speaker** key lamp lights red. A call is automatically made to a registered party.



- Lift the handset. **Speaker** key lamp goes off.

• TO PROGRAM

- Press **Feature** key. **Feature** key lamp lights red.
- Touch a desired **One-Touch Speed Calling** key on the display



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

92142626000
1:25 PM MON 24 AUG 20098

- Press **Feature** key again to save the number. **Feature** key lamp goes off.



• TO VERIFY

- Press **Feature** key. **Feature** key lamp lights red.
- Touch a desired **One-Touch Speed Calling** key on the display.



TO MAKE A CALL USING SPEED CALLING -STATION/GROUP

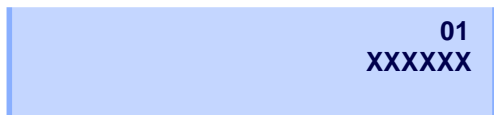



UP



DOWN



- Scroll to the desired speed calling number.




- Press the  key to dial the number.

LAST NUMBER REDIAL

To Recall Last Number Dialed

- Press  (Redial) key. The last number dialed is displayed.  lamp lights red.



- Press  (Redial) key until desired number is displayed. Up to 5 previously dialed numbers are available.
- Press * or # key and the number on the display is automatically dialed.

TO OPERATE FROM SPEED CALLING SYSTEM KEY

- Press the “Speed Calling – System” key



If the DT750 does not have “Speed Calling – system key, dial the Speed Calling System access code, then the abbreviated call code..

THREE/FOUR-PARTY CONFERENCE

- While Station A and Station B are engaged in a Two-party connection, Station A presses **Transfer** key.

Station A hears Special Dial Tone.

Station B hears the music on hold.

TRANSFER
1:25 PM MON 24 AUG 2009

- Station A dials a desired Station Number (Station C).

TRANSFER XXXX
1:25 PM MON 24 AUG 2009

- After Station C answers the transferred call, Station A presses **CONF** soft key.

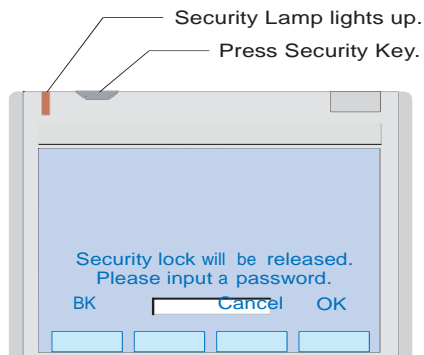
- Three-Party call is now established.

CONF
1:25 PM MON 24 AUG 2009

- For Four- Party Conference repeat steps for Three-Party to add the fourth party.

SECURITY MODE


DT750 has the **Security** key which prevents information leakage from terminal. While the telephone is locked, Security Lamp lights up.



• TO LOCK THE TELEPHONE

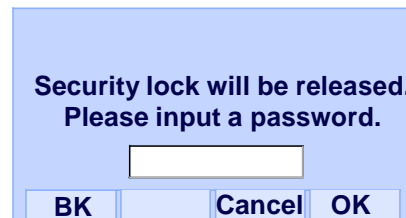
- Before placing the telephone in Security mode, you can set a password. For details on the password setting, see [TO CHANGE PASSWORD](#) in chapter 2 Terminal Setup.
- Press **Security** key on the telephone. The following message is displayed on LCD.




- Press  (Enter) or **OK** soft key to place DT750 in Security mode.
- When the telephone is placed in Security mode, Security Lamp lights red and the screen saver will

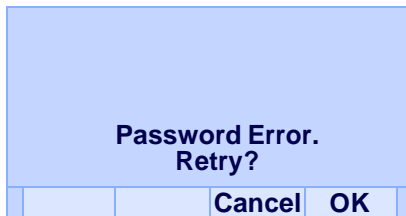
• TO UNLOCK THE TELEPHONE

- Display the Password Entry screen by either of the following operations.
 - Press any key while the screen saver is activated.
 - Press **Security** key while the screen server is activated.

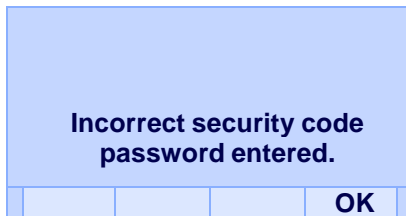


- Enter the password and then press  (Enter) or **OK** soft key. Security Lamp is extinguished and Security Mode is canceled.

Note: *When the password entry ends in failure, the following error message is displayed. Press OK soft-key and retry entering the password.*



Note: *After a third attempt (if incorrect password entered three times), the following error message is displayed. The telephone locks up, and any key operation will be disabled for 10 minutes. After 10 minutes you can retry the password.*



DAIL BY NAME

There are two types of Dial By Name features:
System and Station.

System

System Dial By Name is used on a system basis. The data entry is made by the Telephony Server Administrator.

Station

Station Dial By Name is used on a station basis. Up to 100 entries are available per station. The user 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.

• SYSTEM DIAL BY NAME

To Search And Make A Call

Example: To search for "ABC".

STEP 1: Press **SYS** soft key while Station is in Idle state.

EP 3: Enter a n

```
4:26 PM  MON 24  AUG 2009
MIC      SYS    STA   HIST
```

STEP 2: Enter name

```
[System Speed Dialing]
NAME:
      (ABC)  Prev  Next
```


Example; To enter "ABC"

Press **1** key ONCE to enter "A"

Press **1** key TWICE to enter "B"

Press **1** key THREE times to enter "C"

```
[System Speed Dialing]
NAME: ABC
(ABC)                Prev  Next
```

STEP 3: Press **Prev** or **Next** soft key to begin search. When number appears press  (Enter) to originate call.


```
[System Speed Dialing]
00:                ABC
                  2142626000
(ABC)                Prev  Next
```

- **STATION DIAL BY NAME**

To Add New Data

Example:

DT750 Station A registers “John Smith” as new name and his Telephone Number.

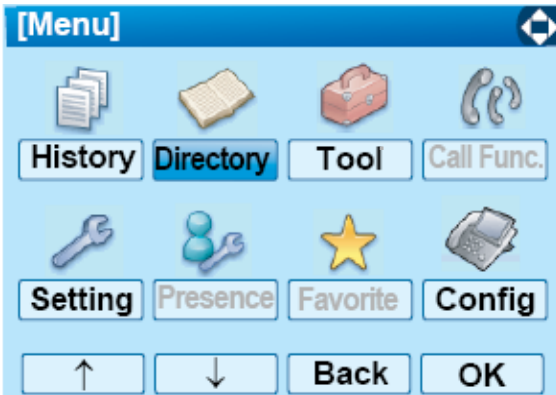
STEP 1: Press **STA** soft key or  (Directory) key while Station is in Idle state.



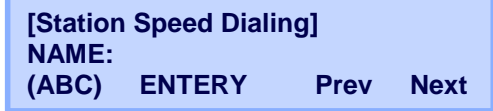
- OR -

Press  key to display the Menu screen.

On the Menu screen, select **Directory**.



STEP 2: Station Speed Dial screen appears Press ENTERY key



STEP 3: Go to next empty Speed Dial location .



STEP 4: Press Name key receive stutter dial tone. Enter name John Smith and press set.



STEP 5: Press NUMBER key receive stutter dial tone. Enter number 1234 and press set key..



STEP 6: Name and number are registered.

```
[Station Speed Dialing]
03:                JOHN SMITH
                   1234
(ABC)  ENTERY     Prev  Next
```

Note: *When entering an outside number you must include the Trunk access Code (i.e., 9) followed by area code and number. For a name the first 7 characters plus * for name slonger than 8 characters and the * plus last 7digits of a number longer than 8 digits. Example: Name display programmed is ABCDEFGHI button will show ABCDEFG*. Number display programmed is 123456789button will show *3456789.*

To Delete A Specific Station Speed Dial

- Press the **Entry** soft key

```
[Station Speed Dialing]
03:                JOHN SMITH
                   1234
(ABC)  ENTERY     Prev  Next
```

- Press the **DEL** soft key

```
[Station Speed Dialing]
03:                JOHN SMITH
                   1234
NAME  NUMBER     DEL  OK
```

Available Characters In Station Speed Dial

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	É	Ì	5	Ñ	S	Ù	Z			
	?	Á	Ê	Í		Ò	β	Ú	9			
	-	Â	Ë	Î		Ó	7	Û				
	+	Ã	Ë	Ï		Ô		Ü				
	%	Ä	3	4		Õ		8				
	&	Å				Ö						
	/	Æ				Œ						
	(Ç				Ø						
)	2				6						
	=											
	¿											
	¡											
1												

SP: 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: Space

CALL HISTORY

There are two types of Call History features. On the one hand, the history data is stored in the system memory. On the other hand, the history data is stored in the memory of the telephone (see 5.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.

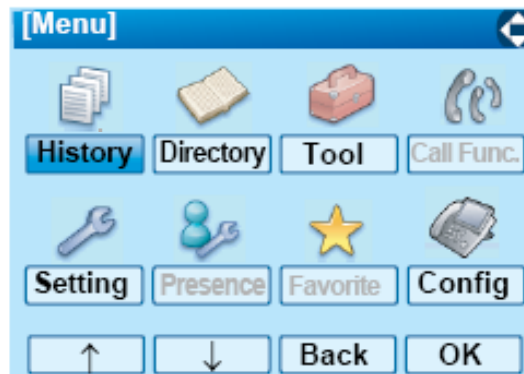
To View Call History


- Press **HIST** soft key.

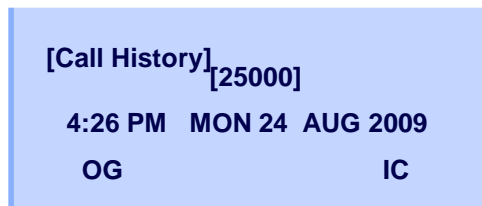


- OR -

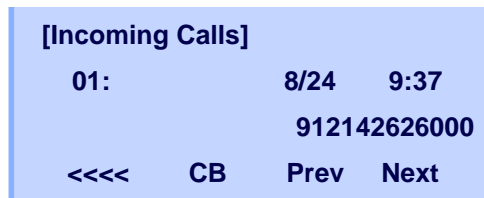
- Press **Menu** key to display the Menu screen. On the Menu screen select **History** and then press  (Enter) or **OK** soft key. (Or press **1** key.)



- The history screen is displayed,  key lamp lights red.



- Press **IC** soft key to view Incoming Calls




- Press **Next** soft key to view additional Incoming calls. Press **CB** soft key to call the displayed number.

- OR -

- Press **OG** soft key to view Outgoing Calls

```
[25000]
4:26 PM MON 24 AUG 2009
OG IC
```

- Press **Next** soft key to view additional Outgoing calls. Press **Redial** soft key or  (Enter) to call the displayed number.

```
[Outgoing Calls]
REDIAL [*#]/SPEED [ ] 01
912142626000
<<<< Redial Prev Next
```

To Add Call History to Station Speed Dial

- Press <<<< soft key

```
[Incoming Calls]
01: 8/24 9:37
912142626000
<<<< CB Prev Next
```

- Press **Entry** soft key

```
[Incoming Calls]
01: 8/24 9:37
912142626000
<<<< Del Entry DelAll
```

- Number is added to Speed Dial Location 05

```
[Incoming Calls]
Registered = STA. 05
912142626000
<<<< CB Prev Next
```

To Delete Call History

- Press <<<< soft key


```
[Incoming Calls]
01: 8/24 9:37
912142626000
<<<< CB Prev Next
```


- Press **Del** soft key to delete the displayed number . Press **DelAll** soft key to delete all Incoming Call Entries.

[Incoming Calls]
01: 8/24 9:37
912142626000
<<<< Del Entry DelAll

4. MENU LIST

MENU LIST FOR DT750 USED WITH UNIVERGE SV8300

Menu Item	Description
Menu	Press  key while indicating the current time on LCD.
History	To view call history data. Also, the user can add the history data to the directory.
Directory	Access to System Speed Dial
Tool	Used when accessing external XML server.
Call Function	Not used.
Setting	To make the user setting of DT750.
Presence	Not used.
Favorite	Not used.
Config	Configuration settings for the DT750

Menu List For **Directory**

Menu Item		Description	Default Value
1 History			
	Outgoing	Displays the history of outgoing calls.	-
	Incoming	Displays the history of incoming calls.	-

Menu List For **Tool**

Menu Item		Description	Default Value
3 Tool			
1	Service	Activate XML browser.	-
2	IM	Not used.	-

Menu List For **Setting**

Menu Item	Description	Default Value
5 Setting		
1 User Setting	Make the user setting of DT750.	
1 Incoming Call	Settings for incoming call.	
1 Ring Volume	Not used.	-
2 Offhook Ring	Enable/disable Off-hook ringing.	Enable
3 Headset Ring	Enable/disable the ringing of headset.	Disable
4 Ring Tone	Select a ringer tone for external call and internal call.	-
1 ExternalCall	Select a ringer tone for external call.	Automatic (Tone Type1)
2 Internal Call	Select a ringer tone for internal call.	
5 Illumination	Set the illumination pattern.	Automatic
6 Headset Ring Volume	Not used.	-
2 Talk	Settings for telephone conversation.	
1 RTP Alarm	Enable/disable RTP alarm.	Automatic
2 DTMF Tone	Enable/disable DTMF tone.	Automatic
3 Key Touch Tone	Set key touch tone generated when the digit keys are pressed while the telephone is off-hook.	Automatic
4 Hold Music	Select a Music on Hold to be heard by DT750 user.	Default
5 Prefix	Register Prefix number.	-
3 Display	Settings for LCD display.	-
1 Time Format	Determines whether time is displayed with a 12-hour or 24-hour clock format.	Automatic (12-hour format)
2 Local Volume	Determines whether or not to display the following volume levels: handset receiver volume, speaker volume, ringer tone volume and LCD contrast.	Automatic (Enable)

Menu Item		Description	Default Value
	3 Screen Server	Not used.	-
	Screen Saver Mode	Chose enable or disable Screen Saver	Enabled
	Wait Time	Wait time before Screen Saver starts	1 minute
	4 Back Light	Set the brightness of the backlight.	Level 2
	5 Font Size	Change the displayed character size on the LCD.	Standard(16dot)
	6 Language	Select a language to be displayed on LCD.	Automatic
	7 Advanced	Setting for the following additional data.	-
	1 Wallpaper Select	Select wall paper	Default
	2 Touch Panel	Enable/disable the touch panel operation.	Enable
	3 Shortcut Icon	Not used.	-
	4 Font Color	Select font color	Color 2
	4 Change Password	Change the password to lock/unlock the telephone.	0000
	5 Security	Not used.	-
	6 Peripherals	Not used	-
	0 Setting Reset	Reset the telephone settings.	-
	2 Download	Set the data required for the file downloading.	-
	1 Download Files	Download the files for Music on Hold, ringer tone and	-
	1 Hold Music	Download a file for Music on Hold.	MOH.wav
	2 Ring Tone	Download files for ringer tones (Download 1 to 3).	-
	1 Download 1	Download a file for ringer tone (Download 1).	Melody1.wav
	2 Download2	Download a file for ringer tone (Download 2).	Melody2.wav
	3 Download 3	Download a file for ringer tone (Download 3).	Melody3.wav
	3 Directory	Download the directory files.	Directory.csv
	2 Download Address	Enter an IP address of the FTP/TFTP server.	0.0.0.0
	3 Protocol	Select a protocol of the server (either FTP or TFTP).	FTP
	4 FTP Settings	Set necessary data when using FTP service.	-
	1 User ID	Enter a user ID for downloading via FTP server.	-
	2 Password	Enter a password for downloading via FTP server.	-
	3 Folder	Specify the directory where the download file is stored.	-

Menu Item		Description	Default Value
	3 Data Backup/Restore	Set the data required for the file backup/restore.	-
	1 Data Backup	Specify the file name to be backed up.	PersonalData.gz
	2 Data Restore	Specify the file name to be restored.	PersonalData.gz
	3 Server Address	Enter an IP address of the FTP/TFTP server.	0.0.0.0
	4 Protocol	Select a protocol of the server (either FTP or TFTP).	FTP
	5 FTP Settings	Set necessary data when using FTP service.	-
	1 User ID	Enter a user ID for the data backup via FTP server.	-
	2 Password	Enter a password for data backup via FTP server.	-
	3 Folder	Specify the destination directory of FTP server.	-
