



NEC

UNIVERGE SV8100 Terminal DT750

USER'S GUIDE

ISSUE 2.0b

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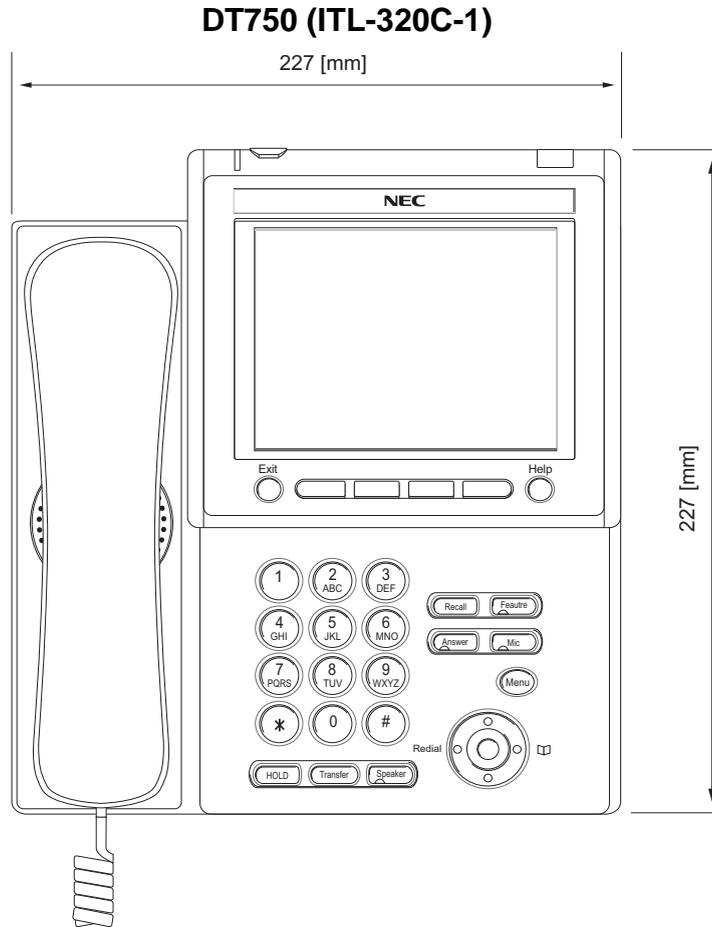
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1. Introduction

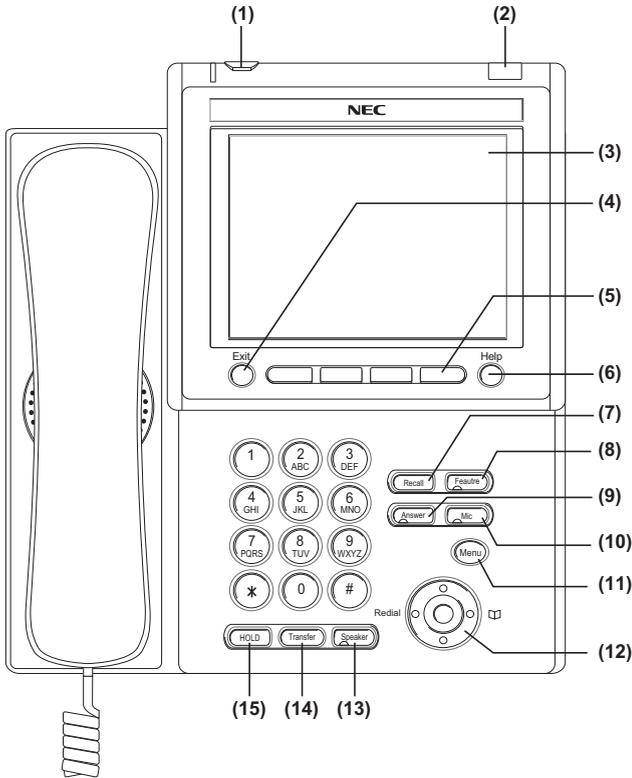
Face Layout



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) |
| Softkey | 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, 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 |
| Dimension (W'D'H) | 227(W) ´ 250(D) ´ 112(H) [mm] |
| Weight | 1.6 kg |

Keys and Parts



(1) Security Button

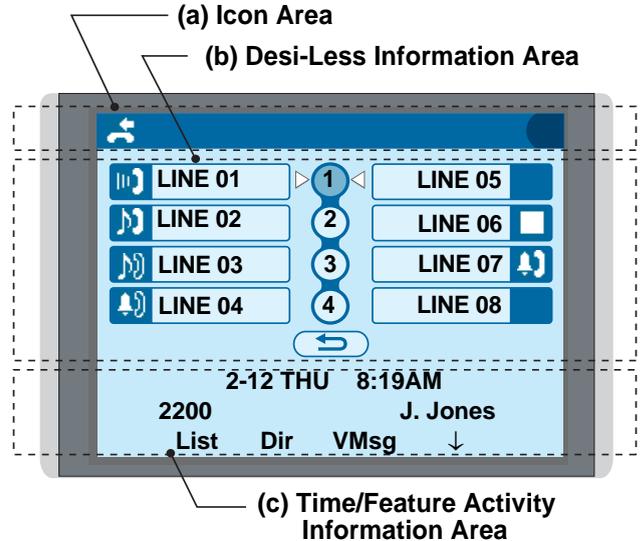
The user can prevent information leakage from terminal by simple operation.

(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 of 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) Desi-Less Information Area

This area provides the information on 32 (eight keys x four pages) Programmable Line/Feature keys. For more details see [DESI-less Display on page 8](#).

(c) Time/Feature Activity Information Area (including Softkey information)

This area provide the current time display and information on various feature activities. Also, softkey 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) Softkeys

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 softkeys 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

Used to activate any features as terminal setup functions, etc. 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.

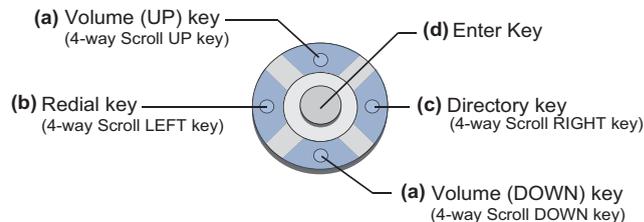
(11) Menu

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



(a) Volume ∨ 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 Number Call, Speed Calling-Station/Group)

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



A-law Countries [Australia, Russia, Latin America, UK, Middle near East, other Asian nations]: # μ-law Countries [North America, Japan, Hong Kong, Taiwan]: ✕

(c) Directory

Pressing this key opens Directory menu. For details on Directory service, see [Chapter 4 Directory Operation](#).

(d) Enter

DT750 has shortcut menu for frequently-used features. Use this key to display the shortcut menu (see [Shortcut Menu on page 17](#)) 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/monitoring. LED on key lights when key is active.

(14) Transfer

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

(15) Hold

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

Menu

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

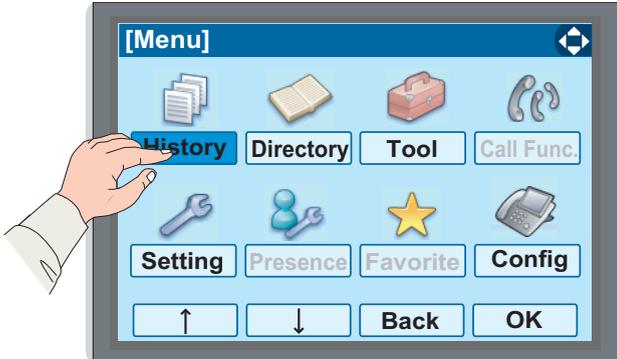
To Display Menu List

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



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

Main Menu

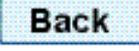


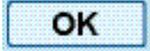
| MENU ITEM | DESCRIPTION |
|---------------|---|
| History | To view Call History. There are two types of Call History features. On the one hand, the history data is stored in the server (system) memory (see Chapter 5 Call History Operation). On the other hand, the history data is stored in the memory of the telephone (see Chapter 5 Call History Operation). |
| Directory | To use Directory features. There are the following three types of directory features. <ul style="list-style-type: none"> o Personal Directory: Controlled by telephone set. For details, see Chapter 4 Directory Operation. o Phonebook: Controlled by the system. For details, see Chapter 5 Call History Operation. o Corporate Directory: Controlled by the external XML server. For details, please contact the system administrator. |
| Tool | <ul style="list-style-type: none"> o Use when accessing external XML server. For details, please contact the system administrator. o Use when sending/receiving Instant Message (Not used). |
| Call Function | Currently Not Used (grayed out). |

| MENU ITEM | DESCRIPTION |
|-----------|---|
| 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 on page 20 . |
| 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. |

To Use Navigational Keys

- o The keys in this section are used to navigate between different menus and menu offerings. These keys are used by touching the LCD.

| NAVIGATIONAL | DESCRIPTION |
|---|---|
|  | Moves the cursor up one level. Use to navigate menu selections. |
|  | Moves the cursor down one level. Use to navigate menu selections. |
|  | Returns the previously displayed menu. |

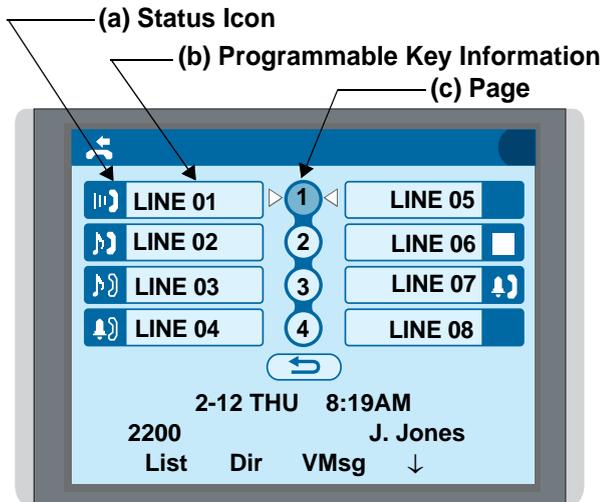
| NAVIGATIONAL | DESCRIPTION |
|--|--|
|  | Enters or stores the settings that were changed. |
|  | Operates the same way as a backspace (deletes the previous character). |

DESI-less Display

Desi-less display service provides 32 (eight keys x four 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 Desi-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 once per 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 | | Steady Light |
| ○ During Conversation (Individual Use) | | |
| ○ Call Transfer | | |
| ○ Conference | | |
| ○ During Conversation (Other Party Use) | | Steady Light |
| ○ 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 | Eight digits |
| One-Touch Speed Dial Key | ○ Speed Dial Name Information ○ Number Information | Eight digits |
| Feature Key | ○ Feature Name | Six 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 a name on each One-Touch Speed Dial key.



OR

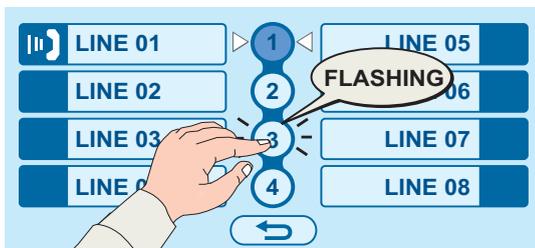


(c) Page Icon

Desi-less display has four pages (eight 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 Light | 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 this Line Key to answer Incoming Call.

Softkeys

The softkeys on DT750 provide a set of functions on the LCD that adapts to the changing state of the telephone. While default softkey settings are provided, desired functions can be assigned to individual stations as required. The softkeys, 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 softkey pattern. Displayed softkeys can vary, depending on the state of the phone and/or when the Next/Previous button is pressed.

For example, when an incoming call is terminated to a line key on Page 3 while Page 1 is being displayed on the screen, the screen is not automatically switched from Page 1 to Page 3. The user must display Page 3 manually and then answer the incoming call.



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 softkey for helpful information about that key.

MIC (Microphone)

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

DND (Do Not Disturb)

Press the softkey to reject call termination to the preassigned station.

Default Displays for Each Status

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

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

IDLE

| | | | | |
|-----------------|-----|------|----------|--|
| 2-12 THU 8:19AM | | | | |
| 2200 | | | J. Jones | |
| List | Dir | VMsg | ↓ | |

BUSY

| | | | | |
|-----------------|------|-----|---|--|
| 2-12 THU 8:19AM | | | | |
| BUSY | | | | |
| InPg | ExPg | P/U | ↓ | |

DIAL TONE/DIALING

(1)

| | | | | |
|-----------------|------|-----|---|--|
| 2-13 WED 5:40PM | | | | |
| InPg | ExPg | P/U | ↓ | |

(2)

| | | | | |
|------------|-----|------|-----|--|
| Line 023 | | | | |
| 9XXXXXXXXX | | | | |
| Conf | Rpt | Save | Trf | |

RINGING

| | | | | |
|-----------------|-----|------|-----|--|
| 2-12 THU 8:19AM | | | | |
| 9XXXXXXXXX | | | | |
| Conf | Rpt | Save | Trf | |

CONNECTION

| | | | | |
|-----------------|--|-----------|--|--|
| 2-12 THU 8:19AM | | | | |
| TALKING TO | | STA 12345 | | |
| CONF | | | | |

TRANSFER/HOLD

| | | | | |
|-----------------|------|--------------|---|--|
| 2-13 WED 5:40PM | | | | |
| HOLD | | STA 12345678 | | |
| InPg | ExPg | P/U | ↓ | |

Softkey Features

When the softkey corresponding to a desired feature name is operated, the selected feature name starts to blink on the LCD. The blinking display of available features takes precedence over the display of features specified by the softkey pattern.



The softkeys can be programmed in System Data to blink, remain steady, have no indication, or display a character when either in use or idle.

The following shows the default display patterns of main features.

FDB (Call Forwarding – Busy Line)

Permits a call to a busy station to be immediately forwarded to a predesignated station.

FDA (Call Forwarding – All Calls)

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.

FDL (Logged Out IP Station – Call Destination)

Enables a system to transfer the call to appropriate station when Dterm whose LOGGED OUT IP STATION – CALL DESTINATION has already been registered is in logout status.

E-OVR (Executive Override)

Enables selected station users, upon encountering a busy condition at an internal station, to bridge into the busy connection.

CW (Call Waiting)

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

CB (Call Back)

Provides the ability for a calling station to set a 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.

MWSET (Message Waiting – Set)

Allows a station to set a Message Waiting indication or lamp.

HOLD (Call Hold)

Permits a station user to hold a call in progress and to return to the previously held call.

MWOFF (Message Waiting – Cancel)

Allows a station to cancel a Message Waiting indication or lamp.

PICK (Call Pickup – Group)

Permits a station user to answer any calls directed to other lines in the user's preset Call Pickup Group.

CONF (Three-way Calling)

Enables a station user to establish a three-way conference by connecting an additional party to an already existing conversation.

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 on hands-free.

S-SPD (Speed Calling – System)

Allows a station user to call certain frequently dialed numbers using fewer digits (abbreviated call codes) than would normally be required.

CAS (CAS-Switch Hook Flash)

Allows the user to send a switchhook flash while on an outside trunk.

UCDBO (UCD Busy Out)

Allows a station user to block UCD calls and to cancel Busy Out.

FLASH (Flash)

Provides the station with a switchhook flash.

FDN (Call Forward – No Answer)

Permits a call to an unanswered station to be forwarded to a predesignated station if the called station does not answer within a predetermined period of time.

C-RPT (ISDN Malicious Call Trace)

Allows the user to initiate a Call Trace on ISDN calls only.

G-SPD (Speed Calling – Group)

Allows a station user to share a set of common Speed Calling numbers with other station users in the group.

P-RLS (Privacy Release)

Allows another station to depress a busy line button and enter the conversation of a station already engaged in communication.

DND (Do Not Disturb)

Allows a station user to deny access to the station line for incoming calls.

MIC (Microphone On/Off)

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

PAGE (Button Page)

Allows the user to toggle between pages when two numbers are registered on One-Touch Speed Calling key.

HSET (Headset)

Allows the user to go off- and on-hook when using the headset.

RLS (Release Key)

Allows the user to release the current call when using the headset, without waiting for the party to hang up.

SIG (Manual Signaling)

Permits station users to send a one-second ring to a predetermined station. If the signaled station is ringing from another call, the manual intercom signal will interrupt that ringing.

CKEEP (Eight-Party Conference Retrain)

Allows all outside parties to stay on a conference when all internal parties hang up.

SCALL (Serial Call)

Allows the user to set Serial Call for the caller before extending the call, allowing the caller to receive an announcement at the end of the call guiding the caller to dial the next number and subsequent numbers.

IZP (Internal Zone Paging)

Allows a user to make a voice call through the speakers of the designated group.

IDCHG (Call ID Change Display)

Allows the user to toggle between standard display and an alternate display.

GPICK (Call Pickup – Group Enhancement)

Allows the user to answer any ringing station within the user' expanded call pickup group.

CHCNF (Call Hold – Conference)

Allows a station user to establish a conference connection by adding a third party, who is held on another line, to the existing two-party connection.

VISIT (Survivable Remote MGC)

Allows a station to indicate a status: when a user is in remote office, VISIT will be blinking. After recovering the main office, VISIT will return to light.

RMUTE (Ringer Mute)

Allows a station user to mute or recover station ringing.

>>> (Display Function Next Page)

Allows the user to scroll to the next screen.

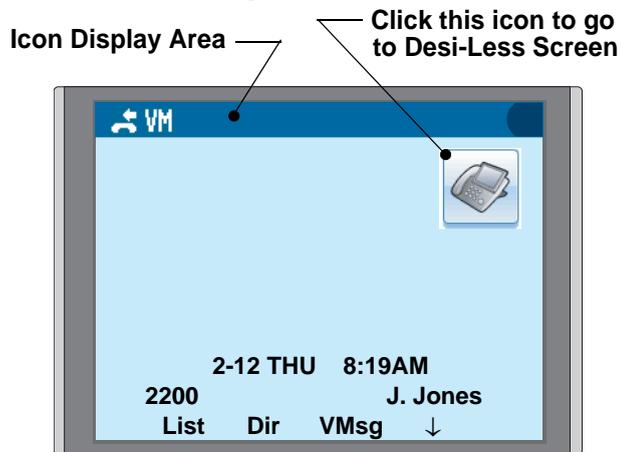
<<< (Display Function Previous Page)

Allows the user to scroll to the previous screen.

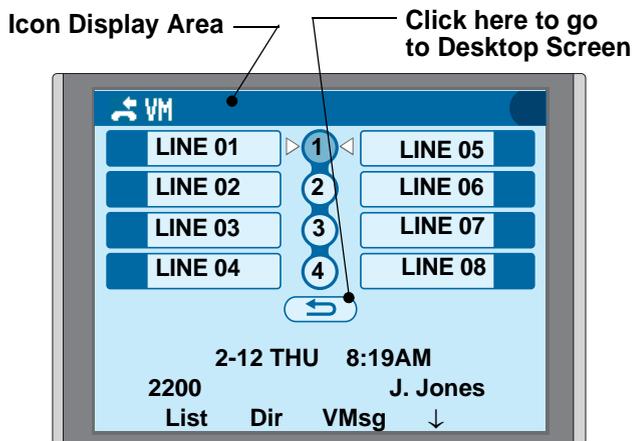
Icon Display

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

In Case Of Desktop Screen



In Case Of DESI-Less Screen



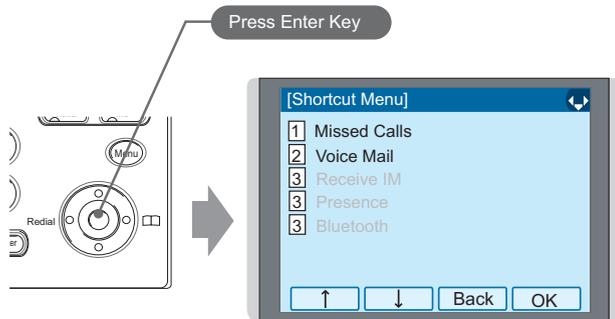
| FEATURE | ICON | DESCRIPTION |
|-------------|------|---|
| Missed Call | | This icon appears when there is a missed call. Once the user has checked the missed call, this icon will disappear. |
| Voice Mail | | This icon provides notification of incoming Voice Mail. Once the user has checked the mail,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



At the default setting, DESI-Less screen is automatically displayed when the telephone is in off-hook status.

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.



Unavailable Menu items are grayed out.

| 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). |

This page is for your notes.

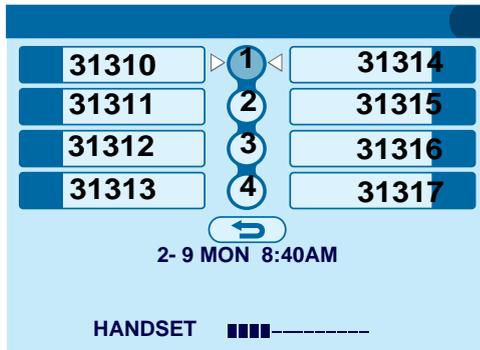
2. Terminal Setup

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

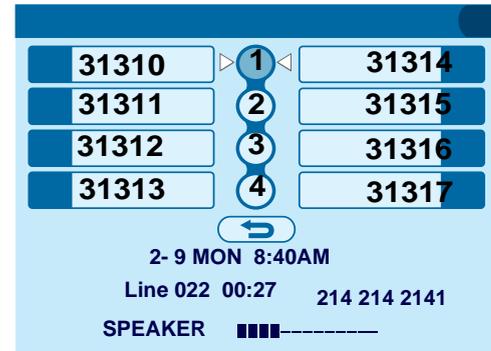
To Adjust Handset Receiver Volume

Press  (**Up**) or  (**Down**) key in the off-hook status or during the call.



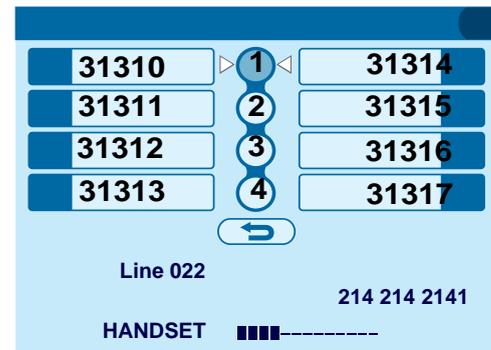
To Adjust Speaker Volume

Press  (**Up**) or  (**Down**) key during speakerphone operation or during the call.



To Adjust Ringer Tone

Press  (**Up**) or  (**Down**) key during ringing.



Setup with Menu Key



On the Menu, use  or  softkey to move the cursor up/down a line.

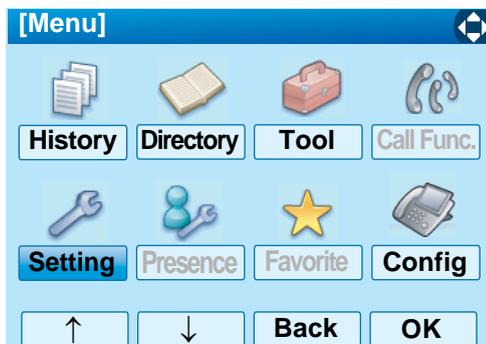


The user can also navigate through the menu with touch panel operation.

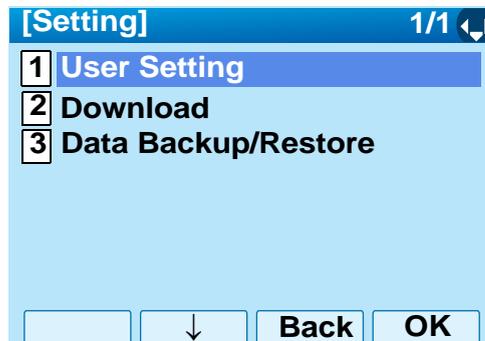
To Enable/Disable Off-Hook Ringing

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

1. While indicating the current time on LCD, press  key to open the **Menu** screen.
2. Select **Setting** and then press  (**Enter**) or **OK** softkey (or press  key).



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



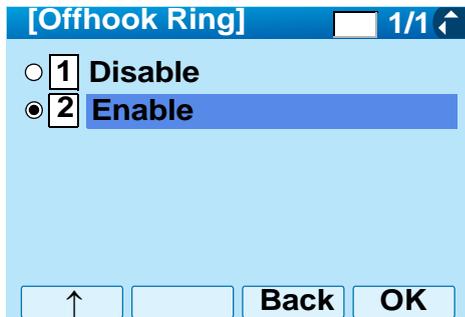
4. Select  **Incoming Call** and then press  (**Enter**),  (**Right-cursor**) or **OK** softkey (or press  key).



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



6. To disable/enable the off-hook ringing, select **1 Disable** or **2 Enable**.
Then, press **(Enter)** or **OK** softkey to store the setting.



 Default setting is 2 Enable.

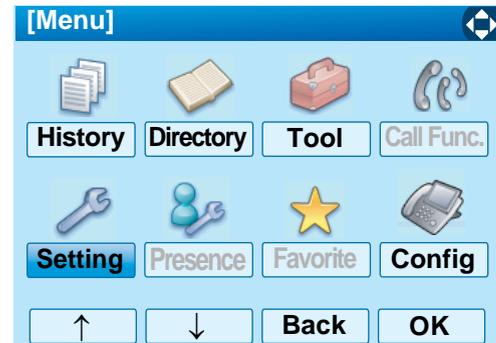
 The currently enabled item is highlighted.

7. The display returns to the **Incoming Call** screen. Continue programming or press **Exit** for default display.

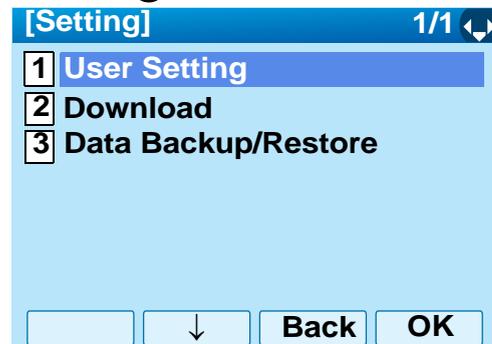
To Set Ringing of Headset

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

1. While indicating the current time on LCD, press **(Menu)** key to open the **Menu** screen.
2. Select **Setting** and then press **(Enter)** or **OK** softkey (or press **5** key).



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



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



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



6. To disable/enable the ringing of headset, select **1 Disable** or **2 Enable**.
Then, press  (Enter) or OK softkey to store the setting.



Default setting is 1 Disable.



The currently enabled item is highlighted.

7. The display returns to the **Incoming Call** screen. Continue programming or press **Exit** for default display.

To Set Ringer Tone

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

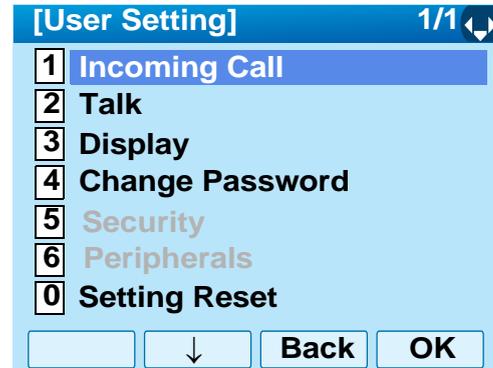
1. While indicating the current time on LCD, press  key to open the **Menu** screen.
2. Select **Setting** and then press  (Enter) or **OK** softkey (or press **5** key).



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



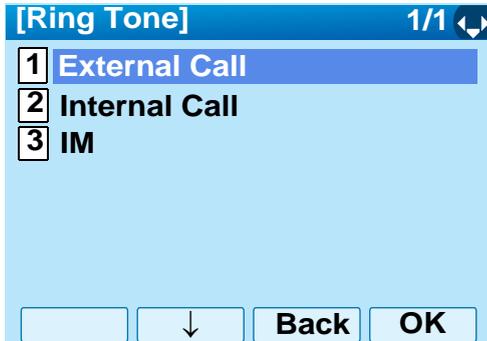
4. Select **1** **Incoming Call** and then press (Enter), (Right-cursor) or **OK** softkey (or press **1** key).



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



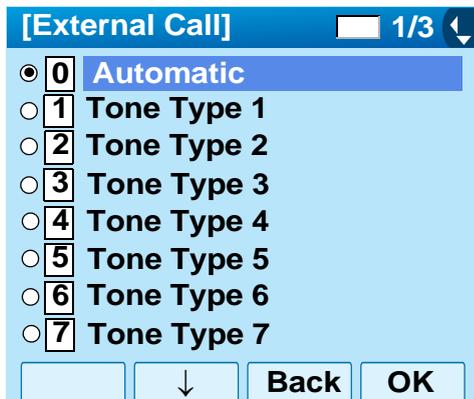
6. Select **1** **External Call** when setting the ringer tone for external calls. Select **2** **Internal Call** when setting the ringer tone for internal call. Then, press (Enter) or **OK** softkey.



7. Select a desired tone type.

Then press  (**Enter**) or **OK** softkey to store the setting.

 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 |
| 14 | Tone Type14 | - | | Melody 5 |
| 15 | Download1 | - | | |
| 16 | Download2 | - | | |
| 17 | Download3 | - | | |

 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".

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

- The display returns to the **Ring Tone** screen. Continue programming or press **Exit** for default display.

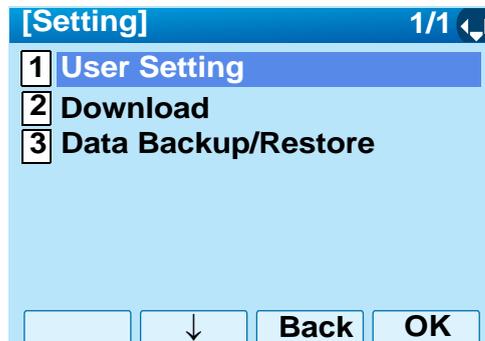
To Set Illumination Pattern for Call Indication Lamp

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** softkey (or press **5** key).



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



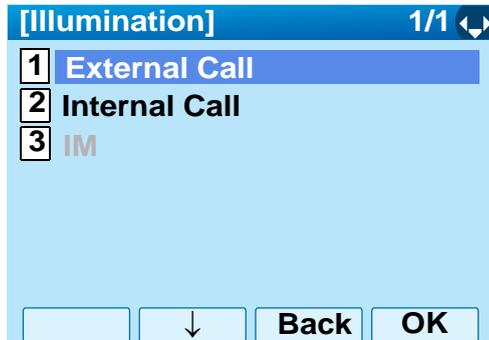
- Select **1 Incoming Call** and then press **Enter**, **Right-cursor** or **OK** softkey (or press **1** key).



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



6. 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** softkey.



7. Select a desired illumination pattern. Then press  (**Enter**) or **OK** softkey to store the setting.



The default setting is 0 Automatic.



The currently enabled item is highlighted.

8. The display returns to the **Illumination** screen. Continue programming or press **Exit** for default display.

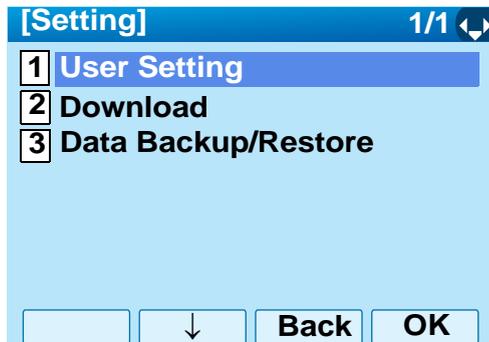
To Enable/Disable RTP Alarm

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

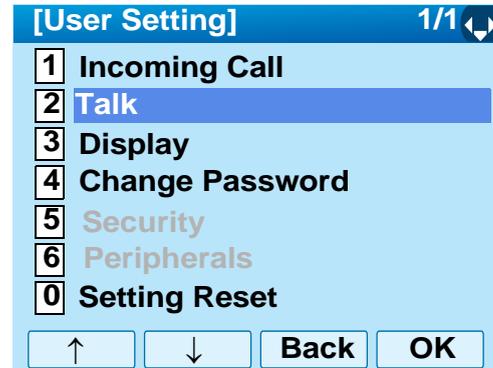
1. While indicating the current time on LCD, press  key to open the **Menu** screen.
2. Select **Setting** and then press  (**Enter**) or **OK** softkey (or press **5** key).



3. Select **[1] User Setting** and then press (Enter), (Right-cursor) or **OK** softkey (or press **[1]** key).



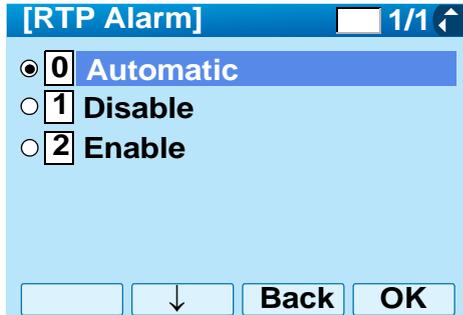
4. Select **[2] Talk** and then press (Enter), (Right-cursor) or **OK** softkey (or press **[2]** key).



5. Select **[1] RTP Alarm** and then press (Enter), (Right-cursor) or **OK** softkey (or press **[1]** key).



6. Select **[0] Automatic**, **[1] Disable** or **[2] Enable** (see the following table).
Then, press (Enter) or **OK** softkey to store the setting.



| 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). |

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

 The currently enabled item is highlighted.

- The display returns to the **Talk** screen. Continue programming or press **Exit** for default display.

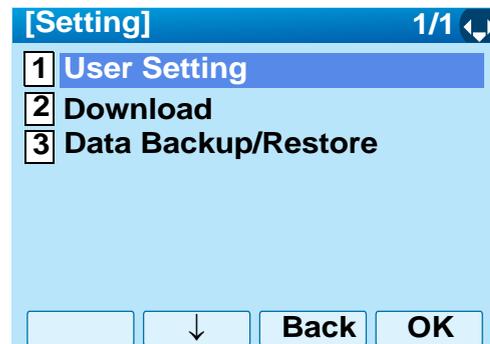
To Enable/Disable DTMF Tone

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** softkey (or press  key).



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



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



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



6. Select **0** **Automatic**, **1** **Disable** or **2** **Enable** (see the following table).
Then press  (**Enter**) or **OK** softkey to store the setting.



| 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). |



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



The currently enabled item is highlighted.

7. The display returns to the **Talk** screen. Continue programming or press **Exit** for default display.

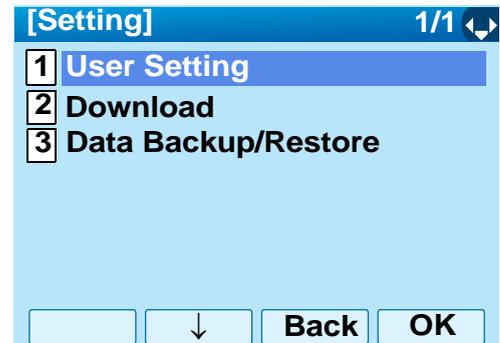
To Set Key Touch

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.

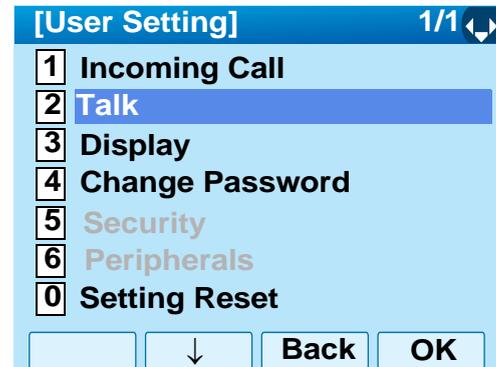
1. While indicating the current time on LCD, press  key to open the **Menu** screen.
2. Select **Setting** and then press  (**Enter**) or **OK** softkey (or press **5** key).



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



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



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



6. Select **0** Automatic, **1** Disable, **2** Tone or **3** Voice.

Then press (Enter) or OK softkey to store the setting.



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



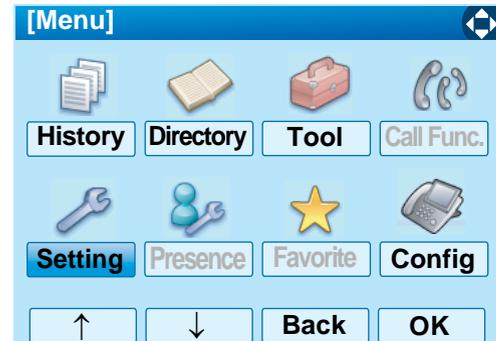
The currently enabled item is highlighted.

7. The display returns to the **Talk** screen. Continue programming or press **Exit** for default display.

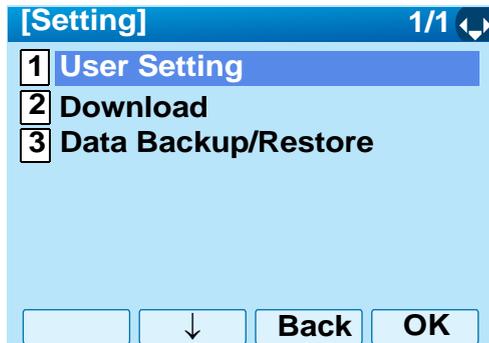
To Set Music on Hold

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

1. While indicating the current time on LCD, press key to open the **Menu** screen.
2. Select **Setting** and then press (Enter) or **OK** softkey (or press **5** key).



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



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



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



6. 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** softkey to store the setting.



The currently enabled item is highlighted.

- The display returns to the **Talk** screen.
Continue programming or press **Exit** for default display.

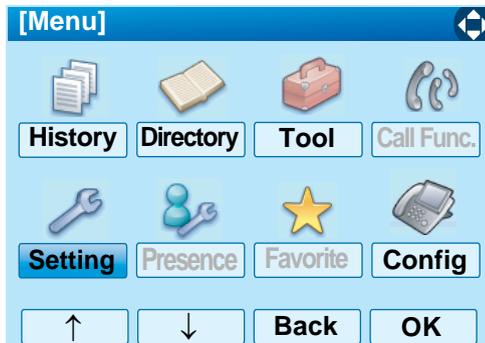
To Set Clock Format

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

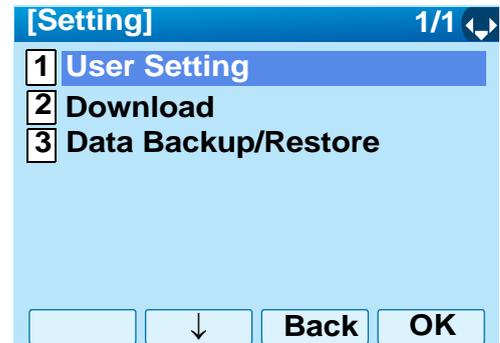


This setting is available for Time Display only. Call Log feature displays the time in 24-hour format regardless of this setting.

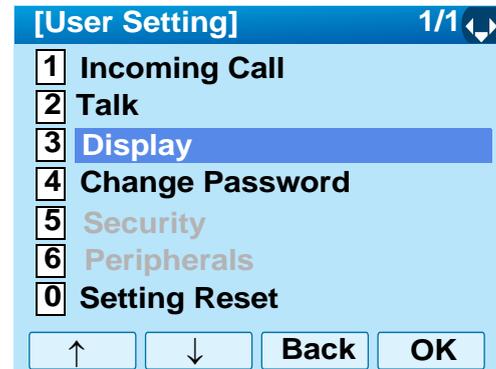
- While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.
- Select **Setting** and then press **Enter** or **OK** softkey (or press **5** key).



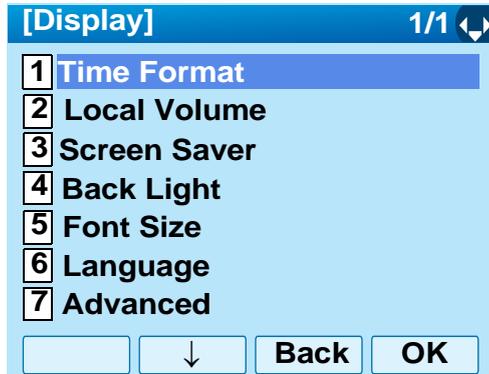
- Select **1 User Setting** and then press **Enter**, **Right-cursor** or **OK** softkey (or press **1** key).



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

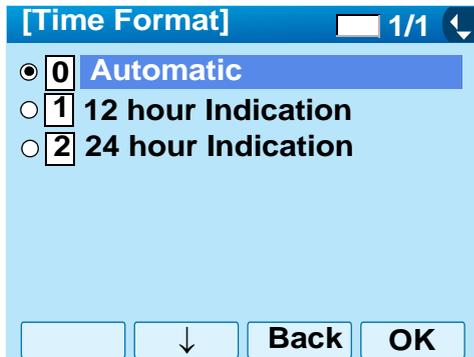


- Select **1 Time Format** and then press **Enter**, **Right-cursor** or **OK** softkey (or press **1** key).



6. Select **0** Automatic, **1** 12 hour Indication or **2** 24 hour Indication (see the following table).

Then press  (**Enter**) or **OK** softkey to store the setting.



| 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 |



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



The currently enabled item is highlighted.

7. The display returns to the **Display** screen. Continue programming or press **Exit** for default display.

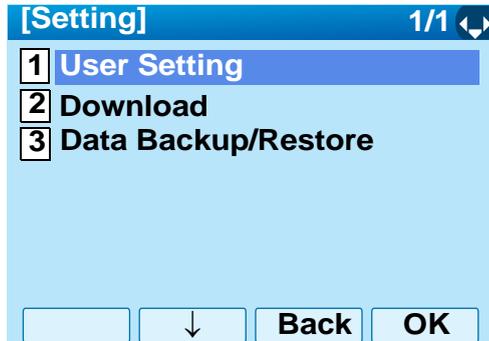
To Enable/Disable Volume Level Display

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  key to open the **Menu** screen.
- Select **Setting** and then press  (**Enter**) or **OK** softkey (or press **5** key).



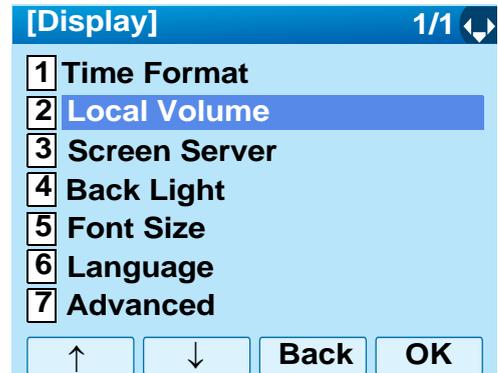
3. Select **1** **User Setting** and then press (Enter), (Right-cursor) or **OK** softkey (or press **1** key).



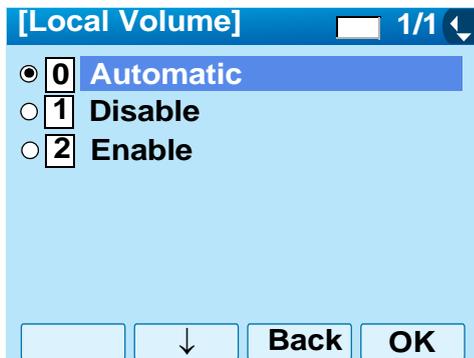
4. Select **3** **Display** and then press (Enter), (Right-cursor) or **OK** softkey (or press **3** key).



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



6. Select **0** **Automatic**, **1** **Disable** or **2** **Enable** (see the following table).
Then press (Enter) or **OK** softkey to store the setting.



| 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. |



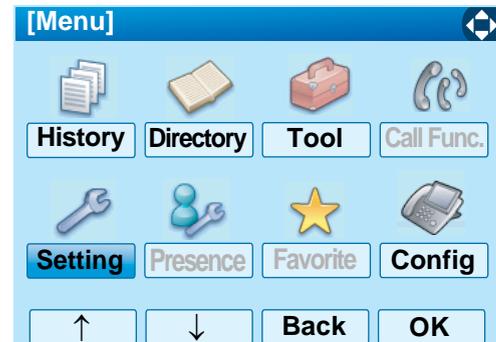
- The display returns to the **Display** screen. Continue programming or press **Exit** for default display.

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.

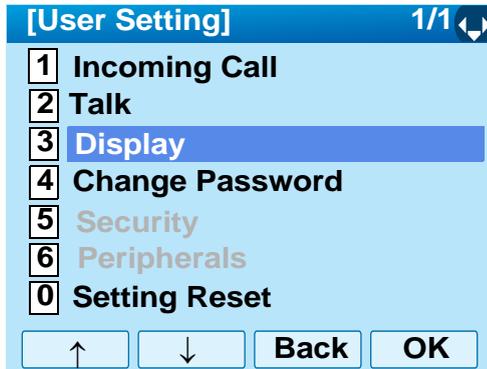
- Select **Setting** and then press **Enter** or **OK** softkey (or press **5** key).



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



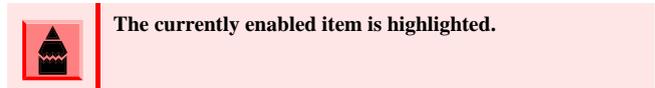
- Select **3 Display** and then press **Enter**, **Right-cursor** or **OK** softkey (or press **3** key).



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



6. Select a desired brightness level (default: Level 2).
Then press (Enter) or **OK** softkey to store the setting.



The currently enabled item is highlighted.

7. The display returns to the **Display** screen. Continue programming or press **Exit** for default display.

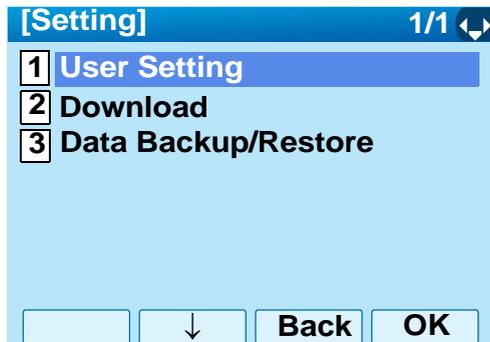
To Change Character Size

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

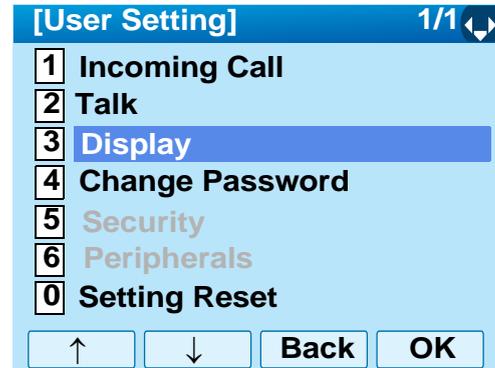
1. While indicating the current time on LCD, press (Menu) key to open the **Menu** screen.
2. Select **Setting** and then press (Enter) or **OK** softkey (or press **5** key).



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



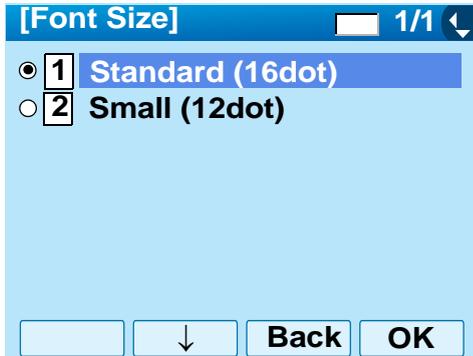
4. Select **3** **Display** and then press (Enter), (Right-cursor) or **OK** softkey (or press **3** key).



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



6. Select either "Standard (16dot)" or "Small (12dot)".
Then press (Enter) or **OK** softkey to store the setting.



- The display returns to the **Display** screen. Continue programming or press **Exit** for default display.

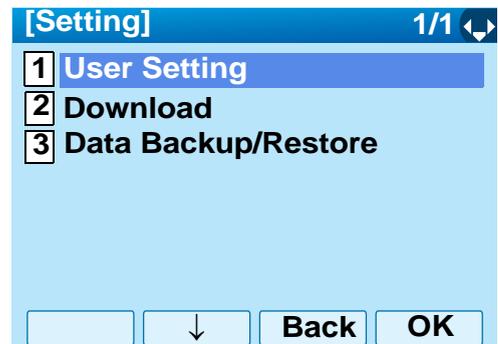
To Set a Language

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

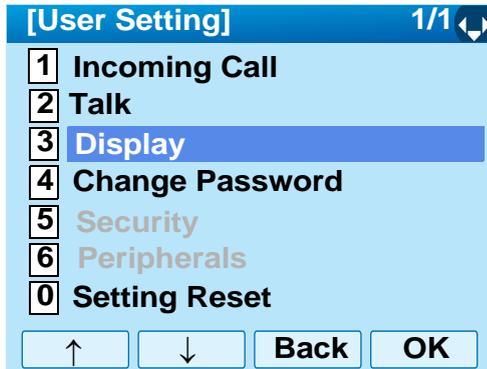
- While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.
- Select **Setting** and then press **Enter**, **Right-cursor** or **OK** softkey (or press **5** key).



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



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



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



6. Select a desired language.
Press **Enter** or **OK** softkey to store the setting.



The currently enabled item is highlighted.

7. The display returns to the **Display** screen. Continue programming or press **Exit** for default display.

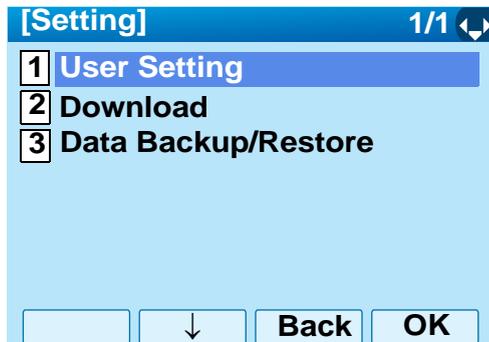
To Enable/Disable Wallpaper Operation

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

1. While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.
2. Select **Setting** and then press **Enter**, **Right-cursor** or **OK** softkey (or press **5** key).



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



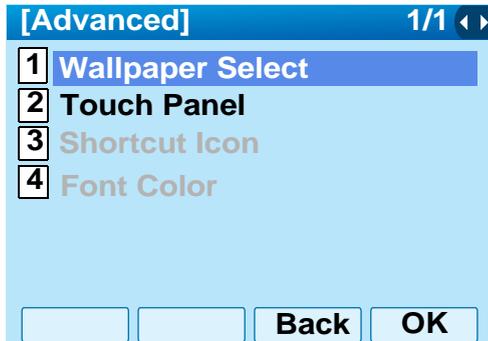
4. Select **3** **Display** and then press (Enter), (Right-cursor) or **OK** softkey (or press **3** key).



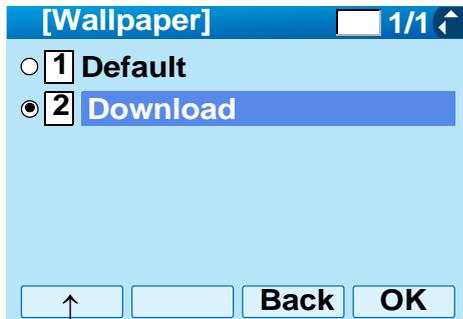
5. Select **7** **Advanced** and then press (Enter), (Right-cursor) or **OK** softkey (or press **7** key).



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



7. Select either **1 Default** or **2 Download**.
Then press **(Enter)** or **OK** softkey to store the setting.



The currently enabled item is highlighted.

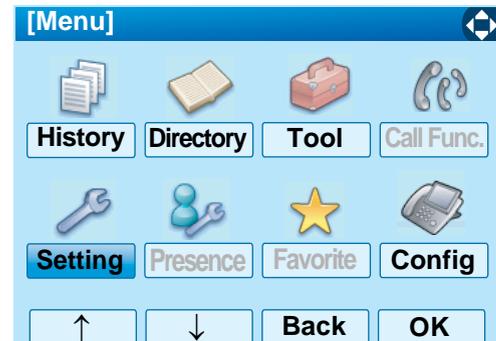
The display returns to the **Display** screen. Continue programming or press **Exit** for default display.

To Enable/Disable Touch Panel Operation

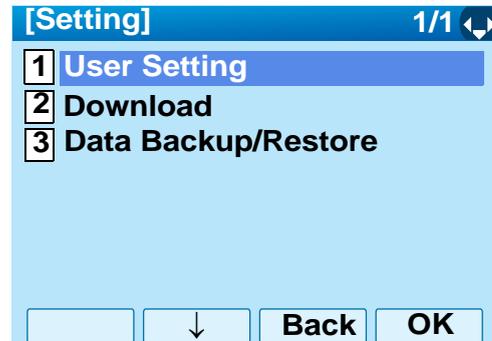
The following explains how to enable/disable the

touch panel operation.

1. While indicating the current time on LCD, press **(Menu)** key to open the **Menu** screen.
2. Select **Setting** and then press **(Enter)**, **(Right-cursor)** or **OK** softkey (or press **(5)** key).



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



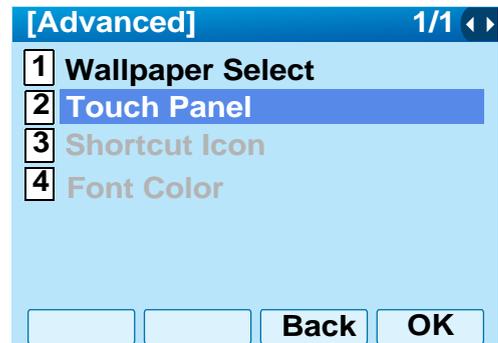
4. Select **3 Display** and then press  (Enter),  (Right-cursor) or **OK** softkey (or press **3** key).



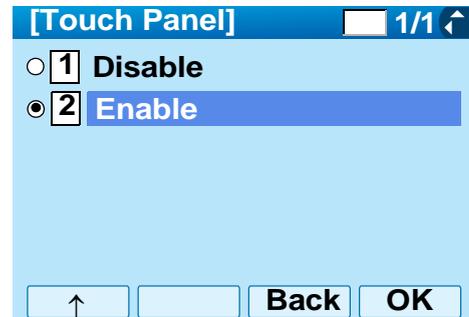
5. Select **7 Advanced** and then press  (Enter),  (Right-cursor) or **OK** softkey (or press **7** key).



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



7. Select either **1 Disable** or **2 Enable**. Then press  (Enter) or **OK** softkey to store the setting.

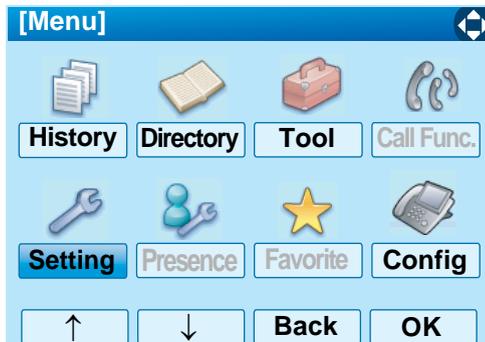


8. The display returns to the **Display** screen. Continue programming or press **Exit** for default display.

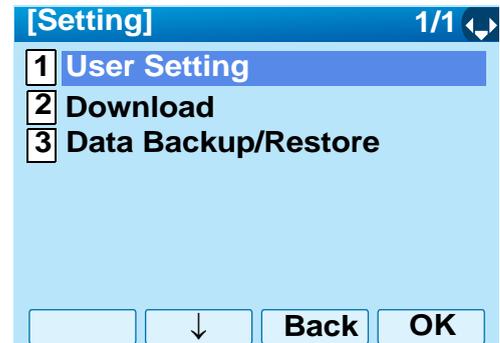
To Change Password

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
1. While indicating the current time on LCD, press  key to open the **Menu** screen.
 2. Select **Setting** and then press  (**Enter**) or **OK** softkey (or press **5** key).



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



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



5. The **Change Password** screen is displayed. Enter the old password and then press  (**Down-cursor**) or **Set** softkey.

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

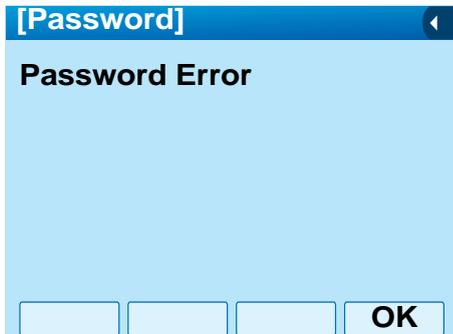
6. Enter the new password and then press  (Down-cursor) or **Set** softkey.

7. Enter the new password again and then press  (**Enter**) or **OK** softkey.

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

8. When the password entry completes successfully, the display changes as follows. Press  (**Enter**) or **OK** softkey to store the setting.

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



9. The display returns to the **User Setting** screen. Continue programming or press **Exit** for default display.

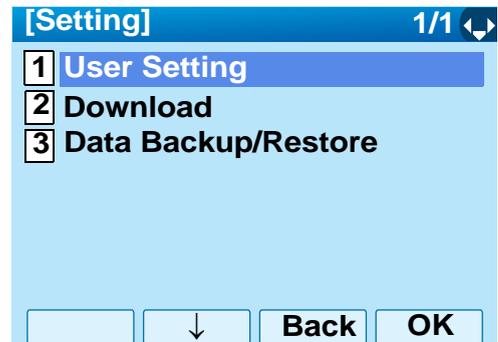
To Reset Telephone Settings

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

1. While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.
2. Select **Setting** and then press **Enter** or **OK** softkey (or press **5** key).



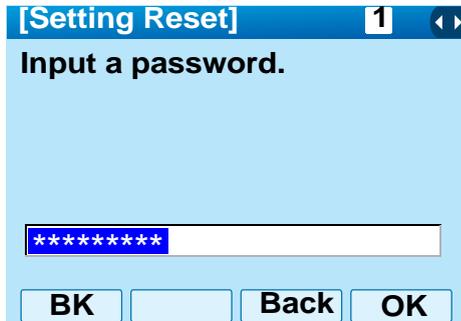
3. Select **1 User Setting** and then press **Enter**, **Right-cursor** or **OK** softkey.(or press **1** key).



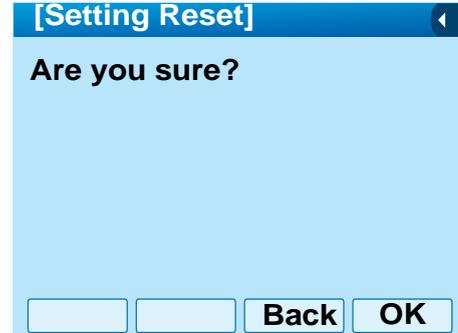
4. Select **0 Setting Reset** and then press **Enter**, **Right-cursor** or **OK** softkey (or press **0** key).



5. Enter the password and then press  (Enter) or **OK** softkey.



6. Press  (Enter) or **OK** softkey to clear the personal data of the telephone.



7. Press  (Enter) or **OK** softkey to store the setting.
8. The display returns to the **User Setting** screen. Continue programming or press **Exit** for default display.

To Download a File

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



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

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

1. Set up the FTP/TFTP server.

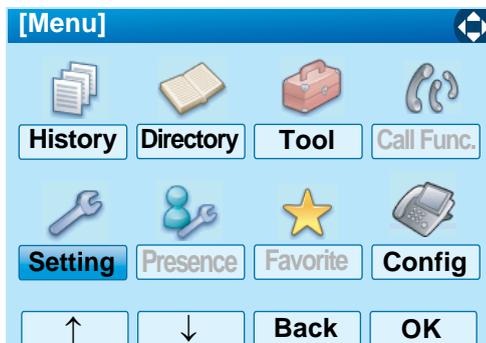
<FTP server>

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

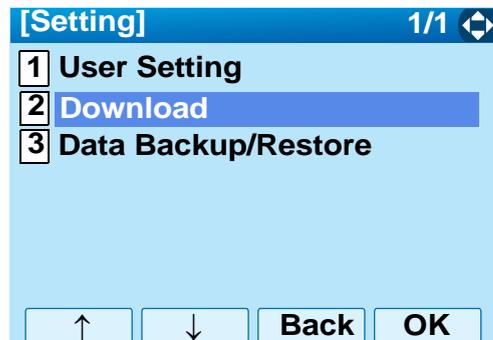
<TFTP server>

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

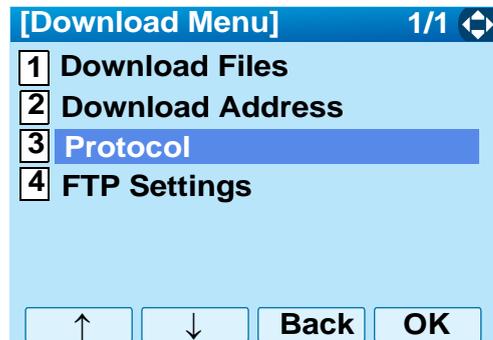
2. While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.
3. Select **Setting** and then press **Enter** (or **OK** softkey (or press **5** key)).



4. Select **2** **Download** and then press **Enter** (or **Right-cursor**) or **OK** softkey (or press **2** key).



5. Select **3** **Protocol** and then press **Enter**, **Right-cursor** or **OK** softkey (or press **3** key).



6. Select a protocol used by the server which stores the download file. After making a selection, press **Enter** or **OK** softkey.



7. The display goes back to the **Download Menu** screen.
 When **1 FTP** is selected here, go to [Step 8. on page 49](#).
 When **2 TFTP** is selected here, go to [Step 17. on page 51](#).

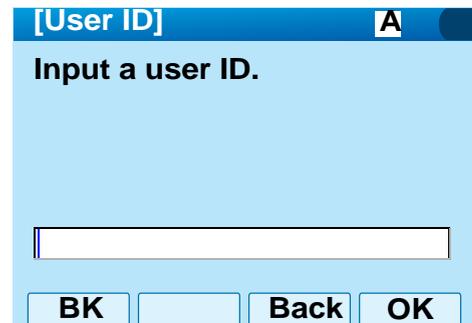
8. Select **4 FTP Settings** and then press (**Enter**), (**Right-cursor**) or **OK** softkey (or press **4** key).



9. Select **1 User ID** and then press (**Enter**), (**Right-cursor**) or **OK** softkey (or press **1** key).

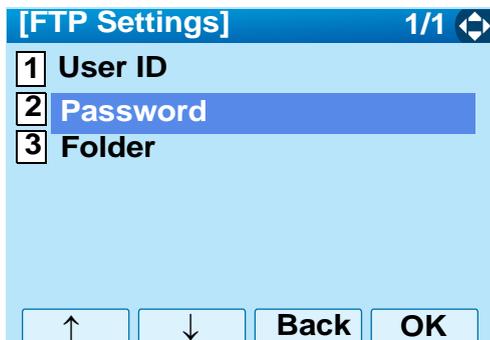


10. Enter a User ID by using digit keys, then press (**Enter**) or **OK** softkey.

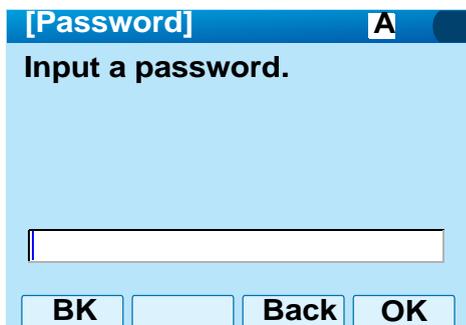


 For details on character entry method, see [How to Input Characters on page 78](#).

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

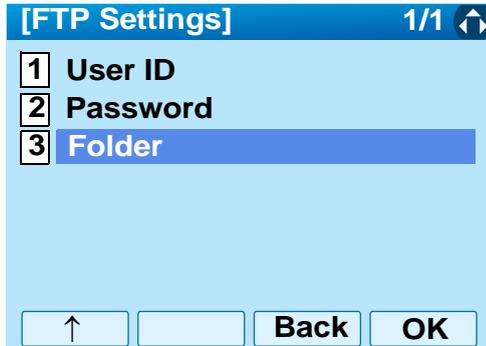


12. Enter a password by using digit keys, then press  (**Enter**) or **OK** softkey.

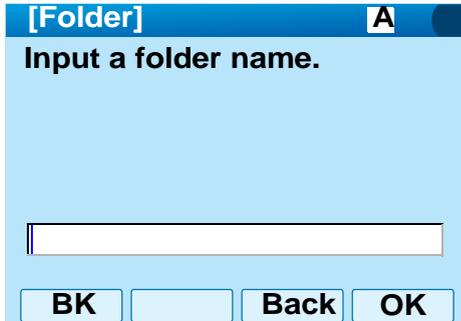


For details on character entry method, see [How to Input Characters on page 78](#).

13. The display goes back to the **FTP Settings** screen. Select **3 Folder** and then press  (**Enter**),  (**Right-cursor**) or **OK** softkey (or press **3** key).

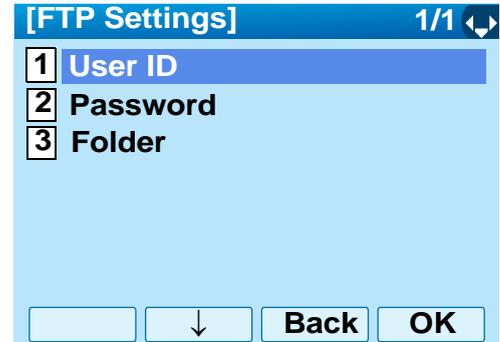


14. Enter the directory where the download file is stored and then press  (**Enter**) or **OK** softkey.

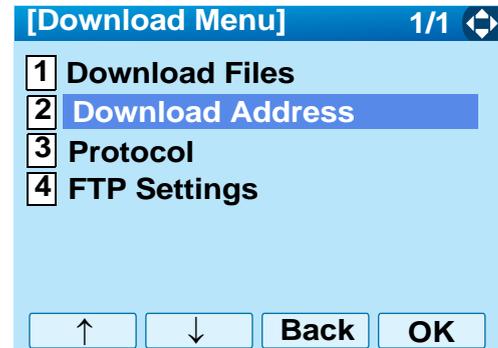


For details on character entry method, see [How to Input Characters on page 78](#).

15. The display goes back to the **FTP Settings** screen. Press  (**Left-cursor**) or **Back** softkey to display the Download Menu screen.

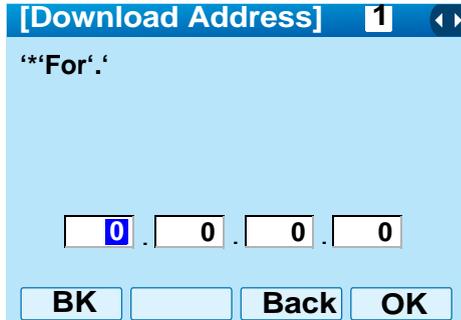


16. Select **2 Download Address** and then press  (**Enter**),  (**Right-cursor**) or **OK** softkey (or press **2** key).



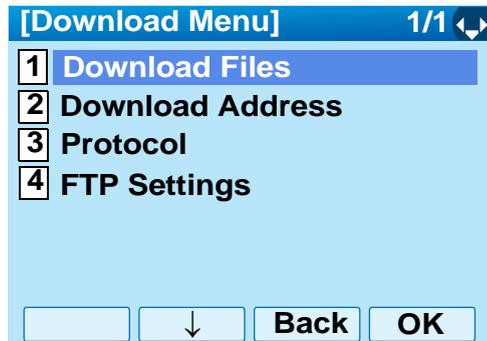
17. Enter an IP address of the FTP/TFTP server which stores the download file.

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  or **OK** softkey.

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



19. Select a file to be downloaded.

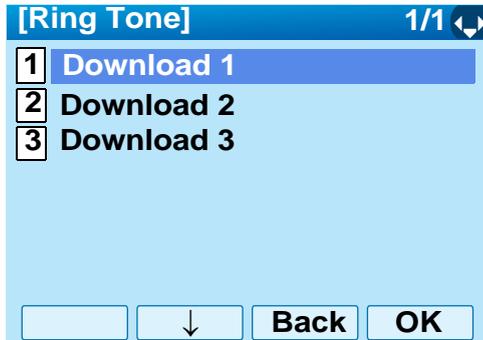
When downloading a file for Music on Hold : Select **1 Hold Music** and go to [Step 20. on page 52.](#)

When downloading a file for ringer tone : Select **2 Ring Tone** and go to [Step 20. on page 52.](#)

When downloading a file for directory : Select **3 Directory** and go to [Step 21. on page 53.](#)

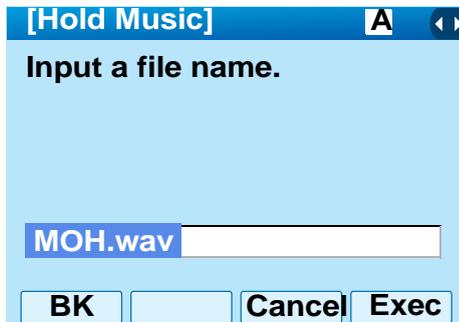


20. When **2 Ring Tone** is selected at [Step 19. on page 52](#), the following **Ring Tone** screen is displayed. Select either **1 Download 1**, **2 Download 2** or **3 Download 3**.



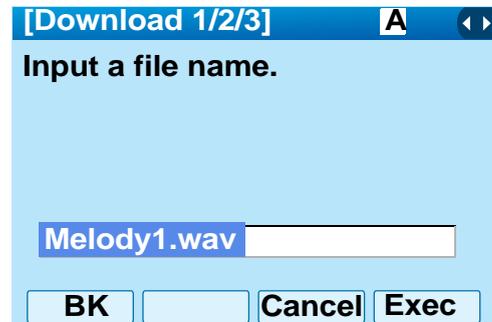
21. The default file name will be displayed.

- 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, refer to [Step 20. on page 52.](#)

When not changing the file name, refer to [Step 21. on page 53.](#)

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



For details on character entry method, see [How to Input Characters on page 78.](#)



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



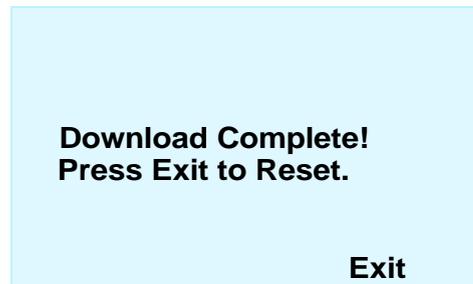
To delete an entered character, press **BK** softkey.

23. Press  or **Exec** softkey to start the downloading process. While downloading a file, the LCD displays "Downloading..." first and then "Saving..."



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

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



25. Reset the DT750 by pressing **Exit** softkey.



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 DT 750 needs to be connected to the network that has FTP (TFTP server).



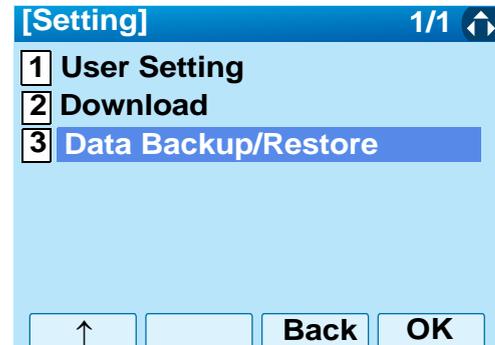
For details on the FTP/TFTP service, contact the System Administrator.

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

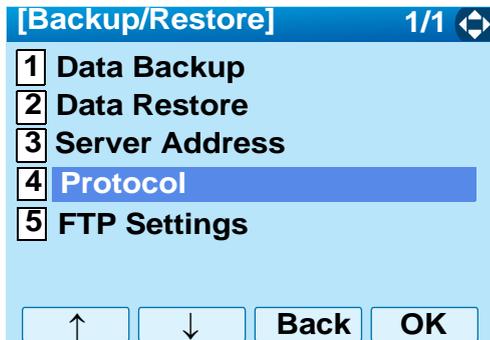
1. Set up the FTP/TFTP server.
<FTP server>
Confirm the designated directory for the backed up file.
<TFTP server>
Specify a desired destination directory for the backed up file.
2. While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.
3. Select **Setting** and then press **(Enter)**, **(Right-cursor)** or **OK** softkey (or press **5** key).



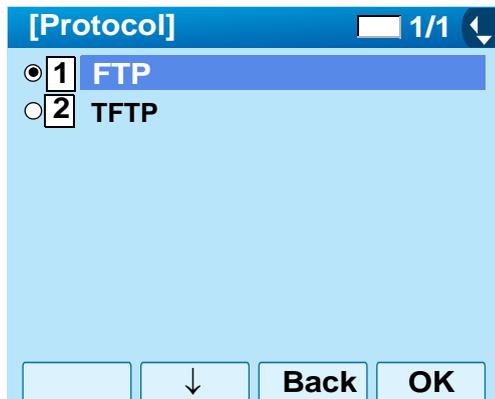
4. Select **3** **Data Backup/Restore** and then press **(Enter)**, **(Right-cursor)** or **OK** softkey (or press **3** key).



5. Select **4** **Protocol** and then press **(Enter)**, **(Right-cursor)** or **OK** softkey (or press **4** key).



6. Select a protocol used by the destination server. After making a selection, press (Enter) or OK softkey.

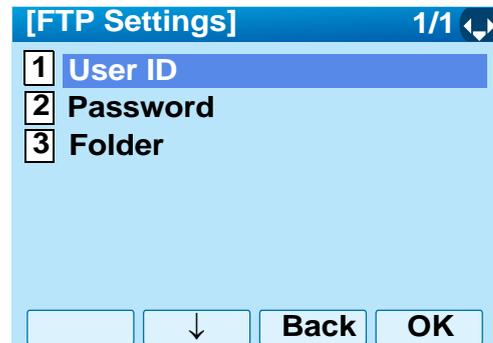


7. The display goes back to the **Backup/Restore** screen.
- When **1** **FTP** is selected here, go to [Step 8. on page 56.](#)
- When **2** **TFTP** is selected here, go to [Step 16. on page 58.](#)

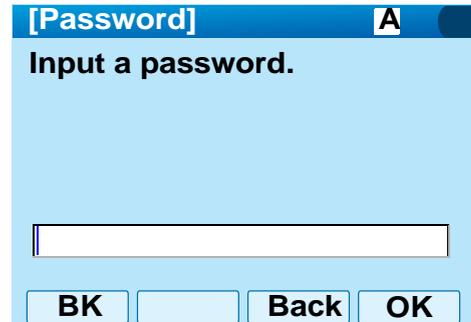
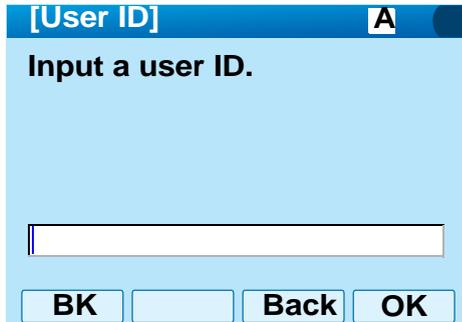
8. Select **5** **FTP Settings** and then press (Enter), (Right-cursor) or OK softkey (or press **5** key).



9. Select **1** **User ID** and then press (Enter), (Right-cursor) or OK softkey (or press **1** key).



10. Enter a User ID by using digit keys, then press (Enter) or OK softkey.



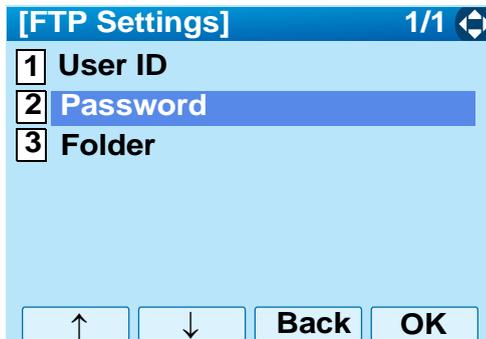
For details on character entry method, see [How to Input Characters on page 78](#).

11. The display goes back to the **FTP Settings** screen. Select **2 Password** and then press  (**Enter**) or **OK** softkey (or press **2** key).

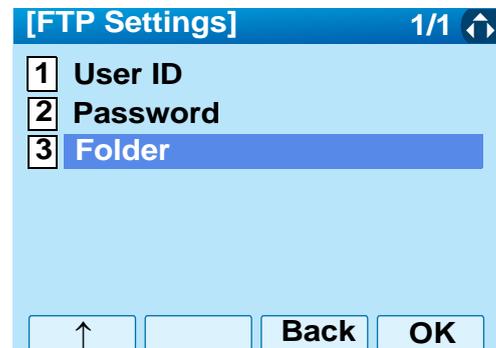


For details on character entry method, see [How to Input Characters on page 78](#).

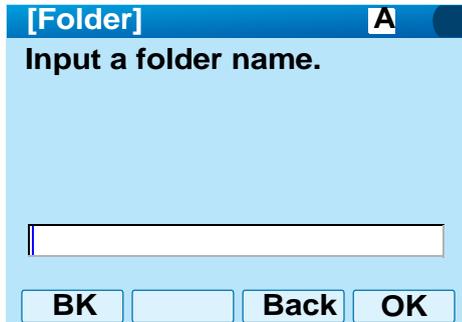
13. The display goes back to the **FTP Settings** screen. Select **3 Folder** and then press  (**Enter**) or **OK** softkey (or press **3** key).



12. Enter a password by using digit keys, then press  (**Enter**) or **OK** softkey.



14. Enter the destination directory of the FTP/TFTP server and press  (**Enter**) or **OK** softkey.



For details on character entry method, see [How to Input Characters on page 78](#).

15. The display goes back to the **FTP Settings** screen. Press  or **Back** softkey to display the **Backup/Restore** screen.

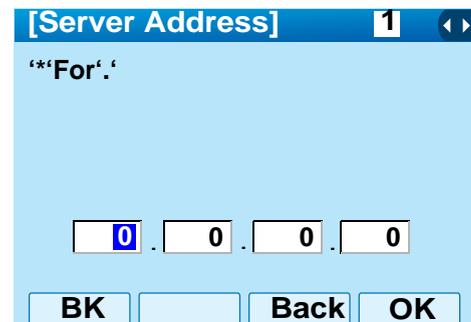


16. Select **3 Server Address** and then press  (**Enter**),  (**Right-cursor**) or **OK** softkey (or press **3** key.)



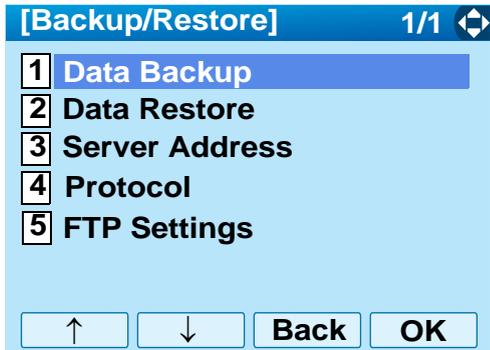
17. Enter an IP address of the destination FTP/TFTP server.

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

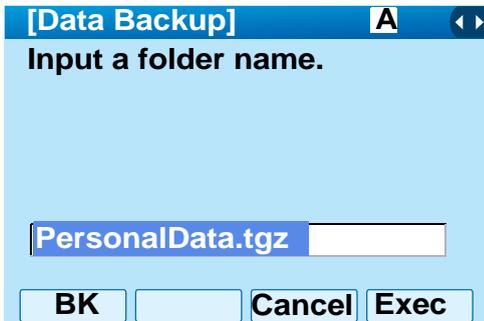


After entering an IP address, press  (**Enter**) or **OK** softkey.

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



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



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



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



For details on character entry method, see [How to Input Characters](#) on page 78.



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



To delete an entered character, press BK softkey.

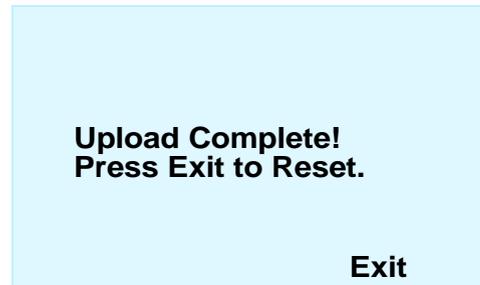
20. Press  (**Enter**) or **Exec** softkey to start the data backup.

While making a backup copy, the LCD displays "Uploading..." first and then "Saving..."



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

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



22. Reset the DT750 by pressing **Exit** softkey.



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 |
|--|---|
| 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).



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

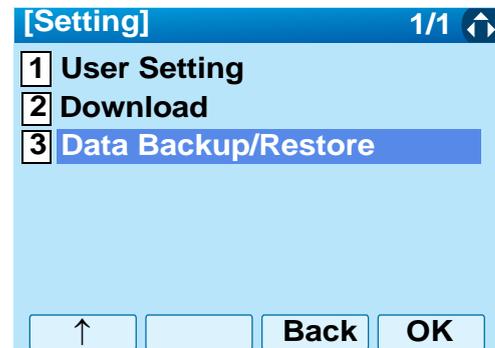
Before starting the download, an IP Address of the FTP/TFTP Server must be entered from DT750.

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

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



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



- Select **Protocol** and then press (**Enter**), (**Right-cursor**) or **OK** softkey (or press key).

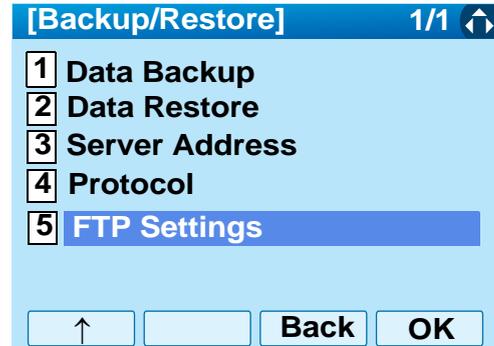


6. Select a protocol used by the destination server. After making a selection, press  (Enter) or OK softkey.



7. The display goes back to the **Backup/Restore** screen.
- When **1** FTP is selected here, go to [Step 8. on page 61.](#)
- When **2** TFTP is selected here, go to [Step 16. on page 63.](#)

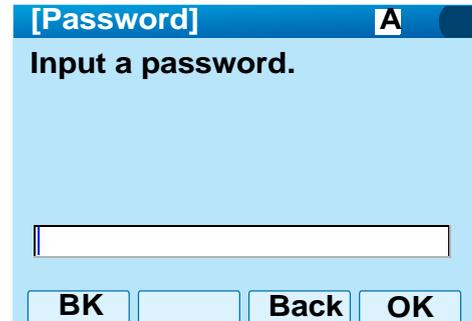
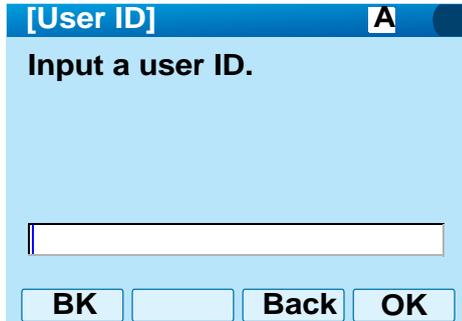
8. Select **5** FTP Settings and then press  (Enter),  (Right-cursor) or OK softkey (or press **5** key).



9. Select **1** User ID and then press  (Enter),  (Right-cursor) or OK softkey (or press **1** key).



10. Enter a User ID by using digit keys, then press  (Enter) or OK softkey.

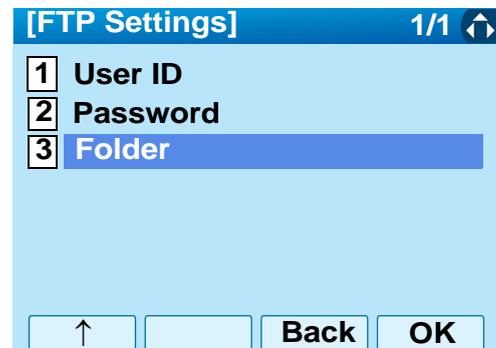
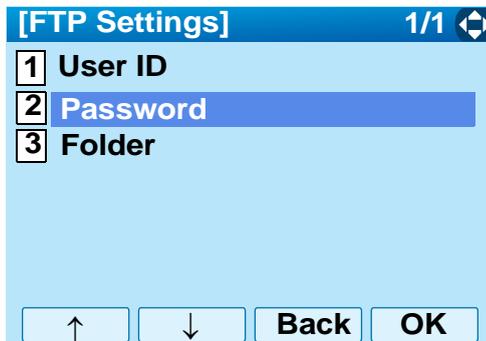


 For details on character entry method, see [How to Input Characters on page 78](#).

 For details on character entry method, see [How to Input Characters on page 78](#).

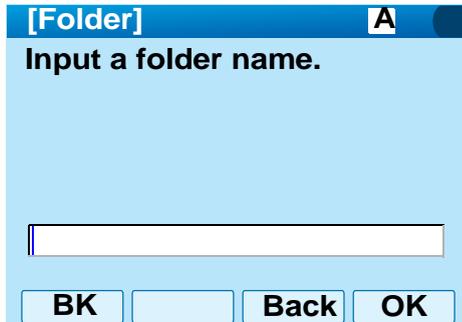
11. The display goes back to the **FTP Settings** screen. Select **2 Password** and then press  (**Enter**) or **OK** softkey (or press **2** key).

13. The display goes back to the **FTP Settings** screen. Select **3 Folder** and then press  (**Enter**) or **OK** softkey (or press **3** key).



12. Enter a password by using digit keys, then press  (**Enter**) or **OK** softkey.

14. Enter the directory where the backup file is stored and press  (**Enter**) or **OK** softkey.

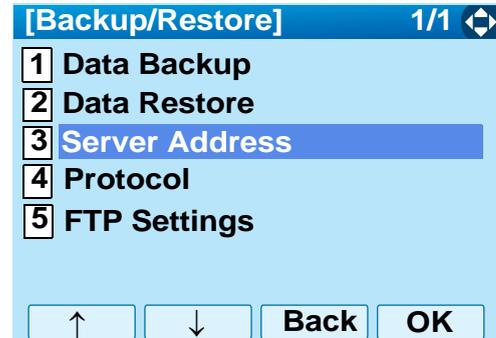


 For details on character entry method, see [How to Input Characters on page 78](#).

15. The display goes back to the **FTP Settings** screen. Press  or **2/6/09** softkey to display the **Backup/Restore** screen.

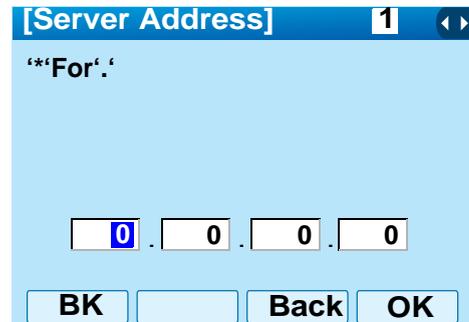


16. Select **3 Server Address** and then press  (**Enter**),  (**Right-cursor**) or **OK** softkey (or press **3** key).



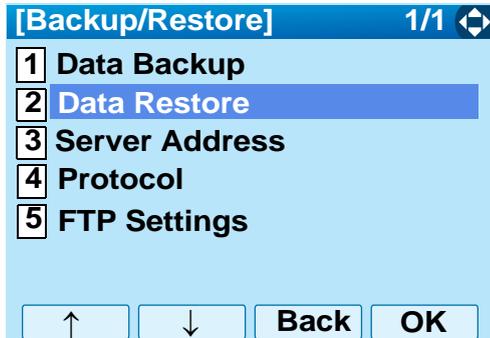
17. Enter an IP address of the FTP/TFTP server which stores the backup file.

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** softkey.

18. The display goes back to the **Backup/Restore** screen. Select **2 Data Restore** and then press  (**Enter**),  (**Right-cursor**) or **OK** softkey (or press **2** key).



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



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



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



For details on character entry method, see [How to Input Characters on page 78](#).



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



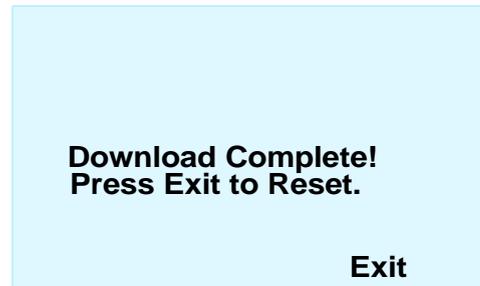
To delete an entered character, press BK softkey.

20. Press  (**Enter**) or **Exec** softkey to start restoring the backup data to the telephone. While downloading the backup data, the LCD displays "Downloading..." first and then "Saving..."



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

21. After the downloading process is complete, the display changes as follows:



22. Reset the DT750 by pressing **Exit** softkey.



When the downloading process ends in failure, "Download Failed!" is displayed on the LCD. Check to see the following and then 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. |

This page is for your notes.

3. Basic Operation

This chapter describes the following basic operation of DT750.

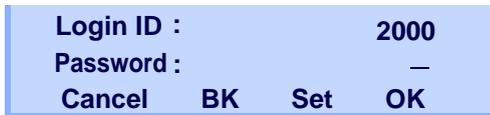
- To Login
- To Logout
- To Make an External Call
- To Make an Internal Call
- To Answer an External Call
- To Answer an Internal Call
- Multiline Appearance
- To Hold a Call
- To Transfer a Call
- One-Touch Speed Calling Keys
- To Register Name on One-Touch Speed Calling Key
- Speed Calling - Station/Group
- Speed Calling - System
- Last Number Redial
- Three-Party Conference
- Voice Mail System
- How to Input Characters
- Security Mode
- Emergency Call

To Login

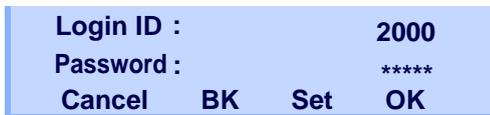
1. When login mode is activated, the telephone prompts for Login ID and Password.



2. Enter Login ID and press **Set** softkey (Station number is usually used as the Login code).



3. Enter a password and press **OK** softkey.



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



To Logout

1. Press the preassigned **Logout** softkey on the terminal.



The softkey location is an example.



For the assignment of Logout softkey, contact the System Administrator.



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



3. Press the **Logout** softkey on the terminal again.

To Make an External Call

1. Lift handset or press  key, receive dial tone.
2. Dial the Central Office access code, e.g., **9**.

Dialed Code

| |
|----------|
| 9 |
|----------|

3. Dial desired telephone number.

Dialed Code + Number

| | | | |
|-------------------|------------|-------------|------------|
| Line 023 | | | |
| 9XXXXXXXXX | | | |
| Conf | Rpt | Save | Trf |

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

Elapsed Time

| | | | |
|-------------------|------------|--------------|------------|
| Line 023 | | 00:10 | |
| 9XXXXXXXXX | | | |
| Conf | Rpt | Save | Trf |

To Make an Internal Call

1. Lift handset or press  key, receive dial tone.
2. Dial a desired station number. Display indicates the dialed number.

Dialed Number

| | | |
|----------------|-----------|------------------|
| CALLING | | STA 12345 |
| Voice | MW | ↓ |

3. Use the handset or MIC to start a conversation.

Dialed Number

| | |
|-------------------|------------------|
| TALKING TO | STA 12345 |
| CONF | |

To Answer an External Call

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

Line 001
Ringing
List Dir ICM Prog

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

Line 001 00:10
Answered
Conf Rpt Save

When caller ID is received, LCD displays as follows:

Elapsed Time
15:39
(Calling Party Number)

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

| | Elapsed Time | Trunk Type | Trunk Number |
|------------------------|--------------|------------|--------------|
| 1:25 PM | 15:39 | DDD | 3 |
| TUE 18 MAR 2008 | | | |

To Answer an Internal Call

The following procedure explains how to answer an internal call.

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

Line 001
Ringing
List Dir ICM Prog

2. Lift the handset to answer the call.

Dialed Number
TALKING TO **STA 12345**
CONF

Calling Station Number
XXXX
1:25 PM TUE 18 MAR 2008

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.



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

To Answer a Call

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

MULTILINE APPEARANCE Feature key



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

Status icon changes as follows:

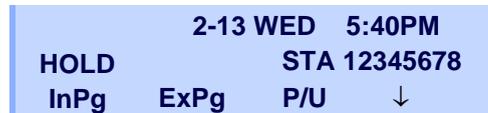


3. Lift handset to start a conversation.  key lamp goes off.

To Hold a Call

1. Press  key to hold the call in progress.

Held Station Number



To retrieve a held call, press the flashing Line key or ICM key (Internal Calls).



Calls on System Hold can be retrieved from any multiline terminal with the held line appearance.



After a preprogrammed time, the held call will recall to the originating station.

To Transfer a Call

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



2. Dial the destination number. Receive Ringback Tone.
3. Announce the call to the destination party.
4. Replace the handset. The transfer is complete.



If the called station is busy, replace the handset to initiate a camp-on. Unanswered camp-on calls and unscreened transfers will recall to the transferring station



To return to the original party, press the flashing Line key or Conf key.



A Programmable Function Key may be assigned for DSS.



To transfer a call directly to a personal mailbox, dial 8 after dialing the station number.

One-Touch Speed Calling Keys

To Make a Call

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



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



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

To Program

1. Press **Feature** key. **Feature** key lamp lights red.
2. Touch a desired **One-Touch Speed Calling** key on the display.
3. Enter a desired telephone number or feature access code (up to 32 digits) on the keypad. Display indicates the digits dialed.



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

SPEED SET
1:25 PM TUE 18 MAR 2008

To Verify

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



- Display indicates the assigned number.

0821111
1:25 PM TUE 18 MAR 2008

To Register Name on One-Touch Speed Calling Key

- Press **NAME** softkey.

Push Speed Calling Key
1:25 PM TUE 18 MAR 2008
NAME >>>

- Press a desired **One-Touch Speed Calling** key.



^
← → **BK** >>>



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

- Enter desired name on the keypad. Display indicates the name entered.

NEC BNET
^
← → **BK** >>>

- Press >>> softkey twice to display the following softkeys.

NEC BNET
 ^
 SET CLEAR CANCEL >>>

- Press **SET** softkey to save the entered name.

1:25 PM TUE 18 MAR 2008
 NAME >>>

- Name information displayed on the **One-Touch Speed Calling** key changes as follows:

NEC BNET

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

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

Speed Calling - Station/Group

To Set

- Press  key. Receive Dial Tone.  key lamp lights red.
- Dial the Speed Calling – Station/Group Access Code.

SPEED XX
 1:25 PM TUE 18 MAR 2008
 MIC >>>

 For the assignment of Speed Calling - Station/Group Access Code, contact the System Administrator.

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

SPEED XX01
 1:25 PM TUE 18 MAR 2008
 MIC >>>

- Dial the destination telephone number.

0471821111
 1:25 PM TUE 18 MAR 2008
 MIC >>>

- Press  key.  key lamp goes off.

SPEED SET

1:25 PM TUE 18 MAR 2008
MIC >>>

To Make a Call

1. Press  (**Redial**) key. Receive Dial Tone.
 key lamp lights red.

LNR[]/SPD[_] -1
XXXXXX

2. Press the desired speed calling number.

01
XXXXXX

3. Lift the handset.  key lamp goes off.

Speed Calling - System

To Program Speed Calling - System Key (One-Touch Speed Calling Key)

1. Press  key.  key lamp lights red.
2. Press a desired **One-Touch Speed Calling** key. The LCD displays previously stored digits.
3. Dial the Speed Calling – System Access Code and the abbreviated call code.
4. Press  key again.  key lamp goes off.

SPEED SET

1:25 PM TUE 18 MAR 2008

To Operate from Speed Calling - System Key

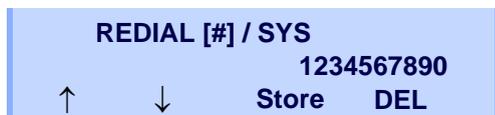
1. Press the Speed Calling – System key.

XXXX
1:25 PM TUE 18 MAR 2008

2. If the DT750 does not have the “Speed Calling – System” key, dial the Speed Calling – System Access Code, then the abbreviated call code.

Last Number Redial

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



2. Press  (**Redial**) key until a desired number is displayed. Up to five previously dialed numbers are available.
3. Press #. The number on the display is automatically redialed.
4. When party has answered, lift handset or speak hands-free.



A-law Countries [Australia, Russia, Latin America, UK, Middle near East, other Asian nations]: #
μ-law Countries [North America, Japan, Hong Kong, Taiwan]: *

Three-Party Conference

1. While Stations A and Station B are engaged in a Two-party connection, Station A presses **Conf** softkey.



The LCD display shows "TALKING TO CONF" on the left and "STA 12345" on the right.

Station A hears Special Dial Tone.
Station B hears the music on hold.



The LCD display shows "ICM DIAL AnHd" on the left, "Dir" in the middle, and "CONF" on the right.

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



The LCD display shows "6-28 SAT 5:30PM" at the top, "TALKING TO ADD" on the left, "R/S" in the middle, and "STA 107" on the right.

3. After Station C answers the transferred call, Station A presses **ADD** softkey.



The LCD display shows "ICM DIAL Begin" on the left, "Dir" in the middle, and "CONF" on the right.

4. Station A presses the **Begin** softkey.
5. All conferees are displayed in the LCD display.
6. Three-Party conference is now established.

Voice Mail System

To Access

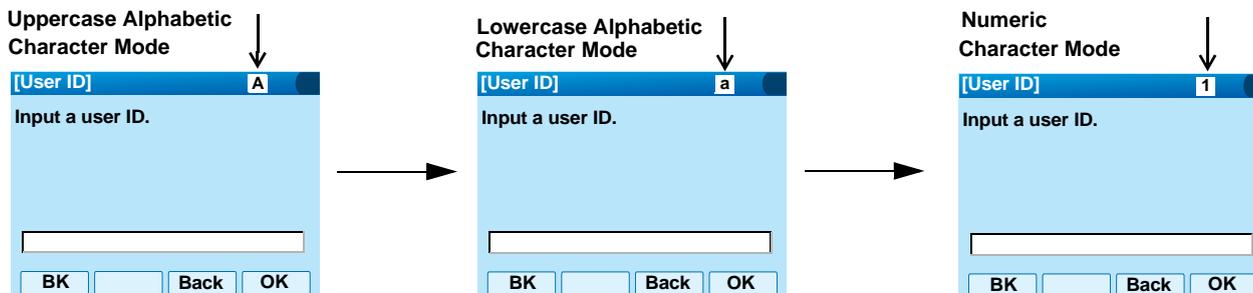
1. Press  (**Enter**) key. The Shortcut menu screen is displayed on LCD.
2. Select **2** **Voice Mail** and then press ,  (**Right-cursor**) or **OK** softkey to access a preset Voice Mail System.
3. Hear ringback tone.
4. Enter access code.

How to Input Characters

This section explains how to enter characters on the text input screen such as Name or User ID, etc.

Character Entry Mode

When entering characters from the telephone set, the following three modes are available: uppercase alphabetic character, lowercase alphabetic character and numeric character. The character entry mode (Uppercase, Lowercase or Numeric) is enabled by pressing the \odot key.



The entry mode currently enabled is indicated in the top portion of the LCD screen.

Character Code List

<Character Code For English (1/2)>

| DIGIT KEY | CASE SHIFT | 1st | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 13th |
|--------------|---------------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
| ① | A | . | , | \ | 1 | ? | ! | ¥ | @ | : | ; | | | |
| | a | | | | | | | | | | | | | |
| ② | A | A | B | C | | | | | | | | | | |
| | a | a | b | c | | | | | | | | | | |
| ③ | A | D | E | F | | | | | | | | | | |
| | a | d | e | f | | | | | | | | | | |
| ④ | A | G | H | I | | | | | | | | | | |
| | a | g | h | i | | | | | | | | | | |
| ⑤ | A | J | K | L | | | | | | | | | | |
| | a | j | k | l | | | | | | | | | | |
| ⑥ | A | M | N | O | | | | | | | | | | |
| | a | m | n | o | | | | | | | | | | |
| ⑦ | A | P | Q | R | S | | | | | | | | | |
| | a | p | q | r | s | | | | | | | | | |
| ⑧ | A | T | U | V | | | | | | | | | | |
| | a | t | u | v | | | | | | | | | | |
| ⑨ | A | W | X | Y | Z | | | | | | | | | |
| | a | w | x | y | z | | | | | | | | | |
| ⑩ | A | [SP] | | | | | | | | | | | | |
| | a | | | | | | | | | | | | | |

<Character Code For English (2/2)>

| | | 1st | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th |
|---|---|------|------|------|------|------|------|------|------|------|------|
| # | A | * | # | . | / | : | ~ | ! | @ | \$ | % |
| | a | | | | | | | | | | |
| | | 11st | 12st | 13st | 14st | 15st | 16st | 17st | 18st | 19st | 20st |
| | A | ^ | & | (|) | ' | ? | " | _ | + | - |
| | a | | | | | | | | | | |
| | | 21st | 22st | 23st | 24st | 25st | 26st | 27st | 28st | 29st | 30st |
| | A | = | [|] | { | } | < | > | , | ; | \ |
| | a | | | | | | | | | | |
| * | Used as a case shift key. Shifts the characters between uppercase, lowercase and numeric. | | | | | | | | | | |

<Character Code For Russian>

| DIGIT KEY | CASE SHIFT | 1st | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 13th | 14th | 15th |
|-----------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| ① | A | . | , | : | ! | ? | + | - | % | & | / | (|) | = | ¿ | i |
| | a | | | | | | | | | | | | | | | |
| ② | A | А | Б | В | Г | | | | | | | | | | | |
| | a | а | б | в | г | | | | | | | | | | | |
| ③ | A | Д | Е | Ё | Ж | З | | | | | | | | | | |
| | a | д | е | ё | ж | з | | | | | | | | | | |
| ④ | A | И | Й | К | Л | | | | | | | | | | | |
| | a | и | й | к | л | | | | | | | | | | | |
| ⑤ | A | М | Н | О | П | | | | | | | | | | | |
| | a | м | н | о | п | | | | | | | | | | | |
| ⑥ | A | Р | С | Т | У | | | | | | | | | | | |
| | a | р | с | т | у | | | | | | | | | | | |
| ⑦ | A | Ф | Х | Ц | Ч | | | | | | | | | | | |
| | a | ф | х | ц | ч | | | | | | | | | | | |
| ⑧ | A | Ш | Щ | Ъ | Ы | Ь | | | | | | | | | | |
| | a | ш | щ | ъ | ы | ь | | | | | | | | | | |
| ⑨ | A | Э | Ю | Я | | | | | | | | | | | | |
| | a | э | ю | я | | | | | | | | | | | | |
| ⑩ | A | SP | | | | | | | | | | | | | | |
| | a | | | | | | | | | | | | | | | |
| # | A | # | | | | | | | | | | | | | | |
| | a | | | | | | | | | | | | | | | |
| * | A | * | | | | | | | | | | | | | | |
| | a | | | | | | | | | | | | | | | |

<Character Code For Turkish>

| DIGIT KEY | CASE SHIFT | 1st | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 13th | 14th | 15th |
|--------------|---------------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| ① | A | . | , | : | ! | ? | + | - | % | & | / | (|) | = | ı | i |
| | a | | | | | | | | | | | | | | | |
| ② | A | A | B | C | Ç | | | | | | | | | | | |
| | a | a | b | c | ç | | | | | | | | | | | |
| ③ | A | D | E | F | | | | | | | | | | | | |
| | a | d | e | f | | | | | | | | | | | | |
| ④ | A | G | Ğ | H | I | İ | | | | | | | | | | |
| | a | g | ğ | h | ı | ı | | | | | | | | | | |
| ⑤ | A | J | K | L | | | | | | | | | | | | |
| | a | j | k | l | | | | | | | | | | | | |
| ⑥ | A | M | N | O | Ö | | | | | | | | | | | |
| | a | m | n | o | ö | | | | | | | | | | | |
| ⑦ | A | P | R | S | Ş | | | | | | | | | | | |
| | a | p | r | s | ş | | | | | | | | | | | |
| ⑧ | A | T | U | Ü | V | | | | | | | | | | | |
| | a | t | u | ü | v | | | | | | | | | | | |
| ⑨ | A | Y | Z | | | | | | | | | | | | | |
| | a | y | z | | | | | | | | | | | | | |
| ⑩ | A | [SP] | | | | | | | | | | | | | | |
| | a | | | | | | | | | | | | | | | |
| # | A | # | | | | | | | | | | | | | | |
| | a | | | | | | | | | | | | | | | |
| * | A | * | | | | | | | | | | | | | | |
| | a | | | | | | | | | | | | | | | |

<Character Code For Other Languages>

| DIGIT KEY | CASE SHIFT | 1st | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 13th | 14th | 15th |
|-----------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| ① | A | . | , | : | ! | ? | + | - | % | & | / | (|) | = | ¿ | i |
| | a | | | | | | | | | | | | | | | |
| ② | A | A | B | C | À | Á | Â | Ã | Ä | Å | Æ | Ç | | | | |
| | a | a | b | c | à | á | â | ã | ä | å | æ | ç | | | | |
| ③ | A | D | E | F | È | É | Ê | Ë | | | | | | | | |
| | a | d | e | f | è | é | ê | ë | | | | | | | | |
| ④ | A | G | H | I | Ì | Í | Î | Ï | | | | | | | | |
| | a | g | h | i | ì | í | î | ï | | | | | | | | |
| ⑤ | A | J | K | L | | | | | | | | | | | | |
| | a | j | k | l | | | | | | | | | | | | |
| ⑥ | A | M | N | O | Ñ | Ò | Ó | Ô | Õ | Ö | Œ | Ø | | | | |
| | a | m | n | o | ñ | ò | ó | ô | õ | ö | œ | ø | | | | |
| ⑦ | A | P | Q | R | S | ß | | | | | | | | | | |
| | a | p | q | r | s | ß | | | | | | | | | | |
| ⑧ | A | T | U | V | Û | Ú | Û | Ü | | | | | | | | |
| | a | t | u | v | ù | ú | û | ü | | | | | | | | |
| ⑨ | A | W | X | Y | Z | | | | | | | | | | | |
| | a | w | x | y | z | | | | | | | | | | | |
| ⑩ | A | SP | | | | | | | | | | | | | | |
| | a | | | | | | | | | | | | | | | |
| # | A | # | | | | | | | | | | | | | | |
| | a | | | | | | | | | | | | | | | |
| * | A | * | | | | | | | | | | | | | | |
| | a | | | | | | | | | | | | | | | |

<Number Code>

| DIGIT KEY | CASE SHIFT | 1st | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 13th | 14th | 15th |
|-----------|------------|---|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| ① | 1 | 1 | | | | | | | | | | | | | | |
| ② | 1 | 2 | | | | | | | | | | | | | | |
| ③ | 1 | 3 | | | | | | | | | | | | | | |
| ④ | 1 | 4 | | | | | | | | | | | | | | |
| ⑤ | 1 | 5 | | | | | | | | | | | | | | |
| ⑥ | 1 | 6 | | | | | | | | | | | | | | |
| ⑦ | 1 | 7 | | | | | | | | | | | | | | |
| ⑧ | 1 | 8 | | | | | | | | | | | | | | |
| ⑨ | 1 | 9 | | | | | | | | | | | | | | |
| ⑩ | 1 | 0 | | | | | | | | | | | | | | |
| # | 1 | * | # | . | @ | / | () | , | - | _ | : | ¥ | ~ | & | \ | |
| * | 1 | Used as a case shift key. Shifts the characters between uppercase, lowercase and numeric. | | | | | | | | | | | | | | |

. When entering password, "0-9", "*" and "#" are available.

. "#" is entered by pressing # key.

. "*" is entered by pressing * key.

<Number Code>

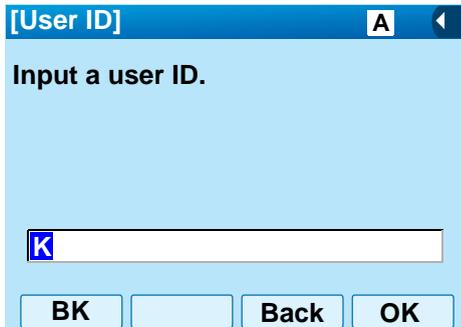
| DIGIT KEY | CASE SHIFT | 1st | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 13th | 14th | 15th |
|-----------|------------|---|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| ① | 1 | 1 | | | | | | | | | | | | | | |
| ② | 1 | 2 | | | | | | | | | | | | | | |
| ③ | 1 | 3 | | | | | | | | | | | | | | |
| ④ | 1 | 4 | | | | | | | | | | | | | | |
| ⑤ | 1 | 5 | | | | | | | | | | | | | | |
| ⑥ | 1 | 6 | | | | | | | | | | | | | | |
| ⑦ | 1 | 7 | | | | | | | | | | | | | | |
| ⑧ | 1 | 8 | | | | | | | | | | | | | | |
| ⑨ | 1 | 9 | | | | | | | | | | | | | | |
| ⑩ | 1 | 0 | | | | | | | | | | | | | | |
| # | 1 | * | # | . | @ | / | () | , | - | _ | : | ¥ | ~ | & | ¥¥ | |
| * | 1 | Used as a case shift key. Shifts characters between uppercase, lowercase and numeric. | | | | | | | | | | | | | | |

Character Entry Method

As an example of character entry method, the following shows how to enter “**Ken Kobus**”.

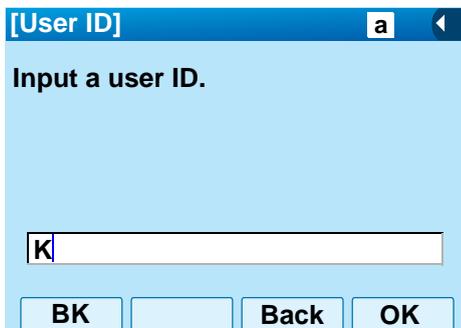
- Press the **(*)** to switch the text input mode from uppercase to lowercase or numeric.

1. Press **(5)** key twice to enter “**K**”.



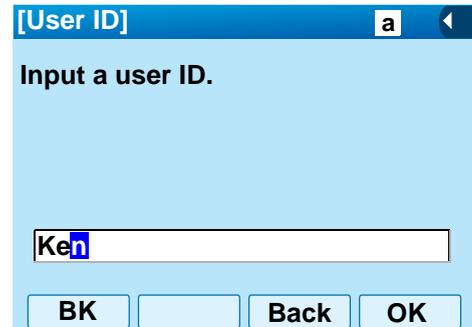
The screenshot shows a light blue dialog box titled "[User ID]" with a blue header bar containing "A" and a left arrow. The main text reads "Input a user ID." Below this is a text input field containing the letter "K" with a blue cursor at the end. At the bottom, there are four buttons: "BK", an empty button, "Back", and "OK".

2. Press the **(*)** to switch the text input mode from uppercase to lowercase.



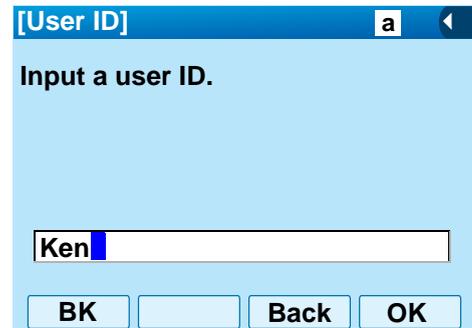
The screenshot shows the same dialog box as above, but the text input field now contains the lowercase letter "k". The header bar now shows "a" instead of "A".

3. Enter “**en**” by using digit keys.
Press **(3)** key twice to enter “**e**”.
Press **(6)** key twice to enter “**n**”.



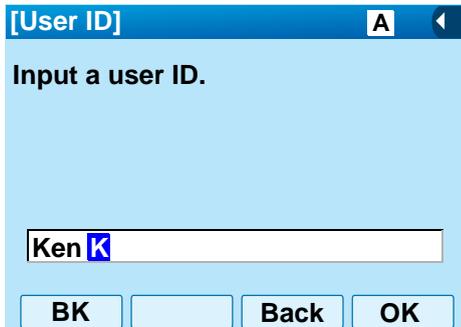
The screenshot shows the dialog box with "Ken" entered in the text input field. The header bar still shows "a".

4. Press **(0)** key once to enter a space.

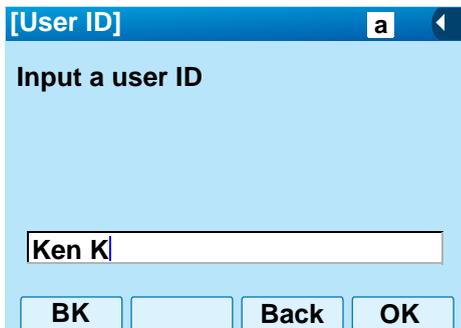


The screenshot shows the dialog box with "Ken " entered in the text input field. The header bar still shows "a".

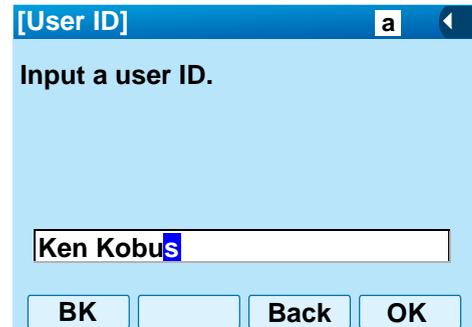
5. Press the **(*)** to switch the text input mode from lowercase to uppercase.
6. Press **(5)** key twice to enter “**K**”.



7. Press the to switch the text input mode from uppercase to lowercase.



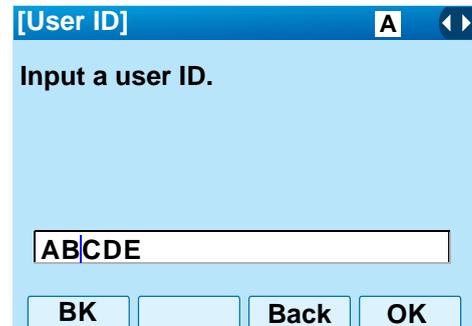
8. Enter “obus” by using digit keys.
 Press key three times to enter “o”.
 Press key twice to enter “b”.
 Press key twice to enter “u”.
 Press key four times to enter “s”.



9. Press (Enter) or **OK** softkey to store the data.

To Delete a Character

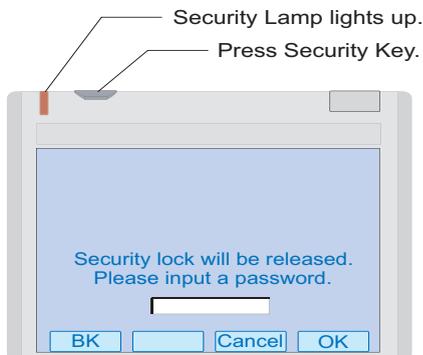
Use the (Left-cursor) or (Right-cursor) to move the cursor to the right of the character to be deleted.



1. Press the **BK** softkey. As the cursor moves left the character is deleted.

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 on page 44](#) in Chapter 2 Terminal Setup.

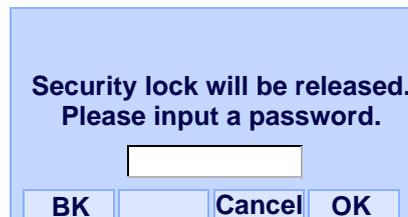
1. Press **Security** key on the telephone. The following message is displayed on LCD.



2. Press  (**Enter**) or **OK** softkey to place DT750 in Security mode.
3. When the telephone is placed in Security mode, Security Lamp lights red and the screen saver will be activated.

To Unlock the Telephone

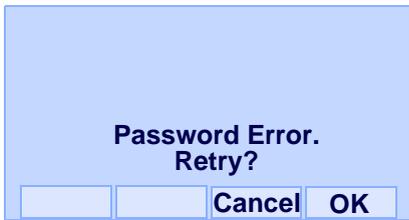
1. Display the Password Entry screen by **either** of the following operations.
 - Press any key while the screen saver is activated.
 - Press **Security** key while the screen server is activated.



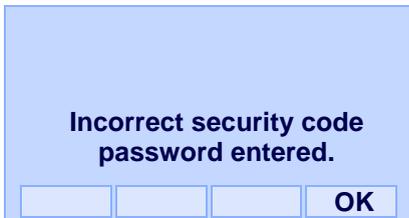
2. Enter the password and then press  (**Enter**) or **OK** softkey. Security Lamp is extinguished and Security Mode is canceled.



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



After a third attempt (if incorrect password entered three times), the following error message is issued. Press or OK softkey. The telephone locks up, and any key operation will be disabled for 10 minutes. After 10 minutes, make a retry.



Emergency Call

The user can make a call to a predetermined emergency telephone number while the telephone is locked (in Security mode). This function is available on the telephone with Security key.



The user can make an emergency call to only the predetermined number. For details on the setting of the emergency number, contact the system administrator.

1. Lift the handset while the telephone is locked (the screen server is activated).

Dial Emergency Number Only

Unlock



Emergency calls cannot be made using the Speaker key.



When pressing Unlock softkey, the telephone prompts for the Security mode cancellation password.

2. Dial an emergency telephone number by pressing digit keys(0-9, *, #).



Emergency telephone number needs to be set in advance. For the setting of the emergency telephone numbers, contact the system administrator.



The user can make a call to only the predetermined number. When telephone numbers other than the predetermined emergency number are dialed, the following message appears (after a few seconds, the display goes back to "Dial Emergency Number Only" screen).

Invalid Dial.

911

3. After a conversation, replace the handset. The LCD turns to time display (Security mode is released).

4. Directory Operation

This chapter explains about Personal Directory function of DT750. By using Personal Directory function, the user can make a call with simple operation.

Personal Directory function can register up to 500 entries. The user can add/view/edit/delete these entries.



A maximum of 500 entries can be registered in Directory.



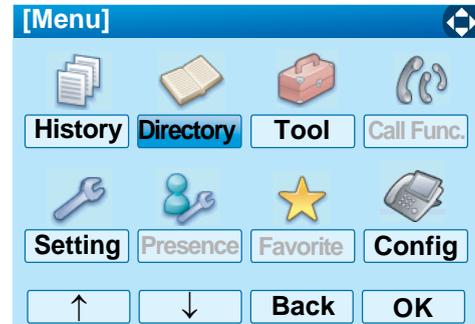
On the Menu screen, use  or  softkey to move the cursor up/down a line.



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

To Add New Data

1. While indicating the current time on LCD, press  key to open the **Menu** screen.
2. Select **Directory** and then press  (**Enter**) or **OK** softkey (or press  key).



3. Select  : **REGIST** and then press  (**Enter**) or press  key.

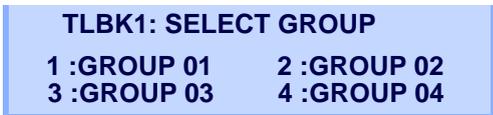
| | | | |
|------------|--------------|----|----|
| 1: REGIST | 2: SEARCH | | |
| 3: SETTING | 4: DeleteAll | | |
| 1: | 2: | 3: | 4: |

4. Select Name or Telephone Number by using Alpha or Num softkey to toggle between the two.

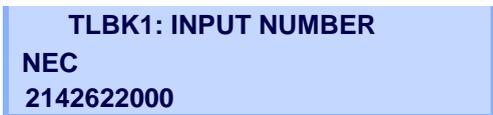
| | | |
|-------------------|-----|---|
| TLBK1: INPUT NAME | [A] | |
| NUM | < | > |

5. Enter a name or telephone number to be registered in the directory using the dial pad.

- After entering the name or telephone, press the **HOLD** key.
- The following list appears. Select a desired group by entering a number.



- Enter the telephone number as indicated in the display and press the **HOLD** key.



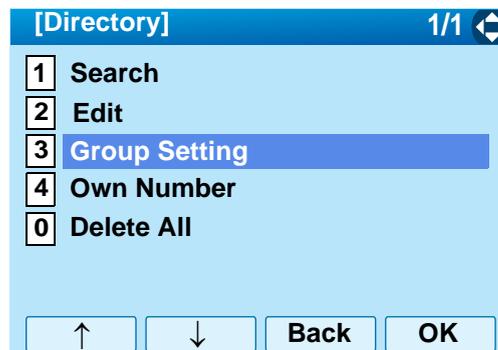
- Enter a desired Memory ID.



- After entering the Memory ID, the display goes back to the main directory screen. Press the **Exit** key.

To Change Group Name

- Open the **Directory** screen (see [To Add New Data on page 91](#)).
- On the **Directory** screen, select **3** **Group Setting** and then press **Enter**, **Right-cursor** or **OK** softkey (or press **3** key).



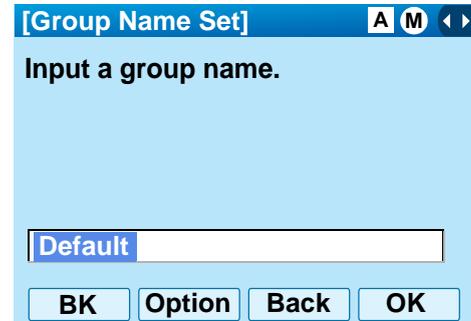
- Select a group name to be changed and then press **Enter** or **OK** softkey. In this example, **1** (**Default**) is selected.



4. Select **1 Name** and then press (Enter), (Right-cursor) or **OK** softkey (or press **1** key).



5. Enter a new group name and then press (Enter) or **OK** softkey.



For details on character entry method, see [How to Input Characters on page 78](#).



Up to 32 characters can be entered as a group name.

6. Display returns to the **Group** screen. Make sure that the new group name takes effect.



The user can set ringer tone (→ select 2 Ring Tone) and illumination types (→ select 3 Illumination) for calls routed from the specific group here. Ringer tone and illumination types can be set for “Name”, “Group” and “Telephone set”. The ringer tone and illumination types set for “Name” have higher priority than the types set for Group and Telephone set. Also, the ringer tone and illumination types for Group have higher priority than the types set for Terminal set.

To Find a Registered Data

1. While indicating the current time on LCD, press **(Menu)** key to open the **Menu** screen.
2. Select **Directory** and then press **(Enter)** or **OK** softkey (or press **(2)** key).



3. Select **(2)**: **Search** and then press **(Enter)** or press **(2)** key.

1: REGIST 2: SEARCH
 3: SETTING 4: DeleteAll
 1: 2: 3: 4:



The display will show No TELBK Data if there are no entries to review.

TLBK1: SEARCH NAME [A]
 <
 NUM MENU

4. Select a search method from the following list.

[SEARCH MENU]
 NAME GRP NUM MEM

| KEY | DESCRIPTION |
|------------|---|
| Name | Search data from the name list registered in the directory. |
| Group | Display the lists registered to each group (01~20 groups). |
| Tel Number | Search data from the telephone number list registered in the directory. |
| Memory ID | Search data from the memory number registered in the directory. |

5. The following is an example of when NAME, GRP, NUM and MEM are selected as a search.

NAME
 TLBK1: SEARCH NAME [A]
 <
 NUM MENU ← →

GRP
 TLBK1: SEARCH GROUP
 1 :GROUP 01 2 :GROUP 02
 3 :GROUP 03 4 :GROUP 04

NUM

TLBK1: SEARCH NUMBER



MENU

MEM

TLBK1: SEARCH MEMORY



MENU

[0-299]



A distinction is made between upper case and lower case characters. For example, "Ken Kobus" and "ken kobus" are distinguished as different character strings.



A blank space is also distinguished while searching database for a name.



Even if the name is not entered to the end, the user can search for a name.



Select * Others to find names which begin with a character other than alphabet such as numerics or symbols.



If there is no entry corresponding to the entered name, "No data" is issued on the screen.



Up to 32 characters can be entered as a company name.

To Make a Call from Directory



While Directory screen is being displayed, you cannot make a call by dialing a telephone number.

1. While indicating the current time on LCD, press key to open the **Menu** screen.
2. Select **Directory** and then press (**Enter**) or **OK** softkey (or press key).



3. Select : **Search** and then press (**Enter**) or press key.

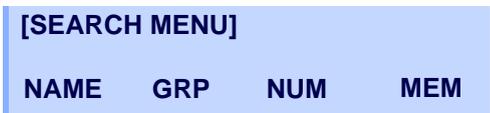
| | | | |
|------------|--------------|----|----|
| 1: REGIST | 2: SEARCH | | |
| 3: SETTING | 4: DeleteAll | | |
| 1: | 2: | 3: | 4: |



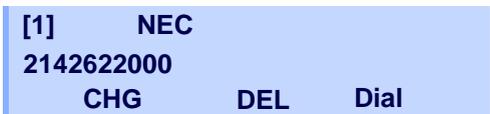
The display will show No TELBK Data if there are no entries to review.



4. Select a search method (e.g., NAME, GRP, NUM or MEM).



The following display is an example of dial by name.



5. Lift the handset. Press the  key or the **Dial** softkey while displaying the detailed data for the target party on the LCD.



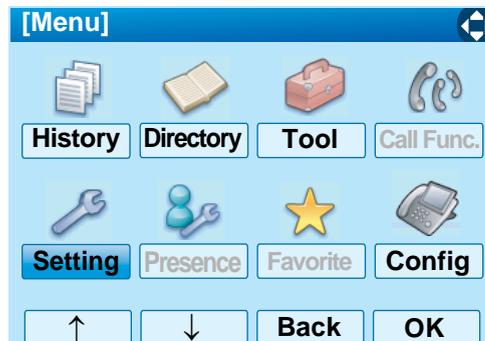
If multiple telephone numbers are assigned into a target party, a call is made to the first telephone number.

To Add Prefix Number

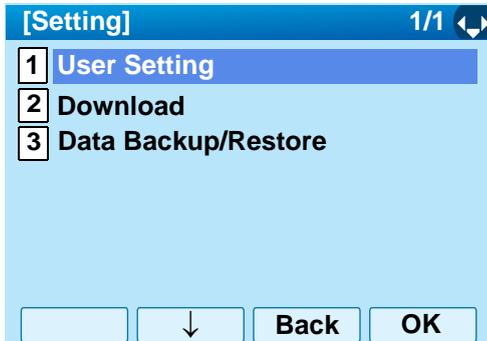
To Set Prefix

When making a call, a prefix can be added to telephone numbers to be dialed. Prefixes need to be set in advance.

1. While indicating the current time on LCD, press  key to open the **Menu** screen.
2. On the Menu screen, select **5 Setting** and then press  (**Enter**) or **OK** softkey (or press **5** key).



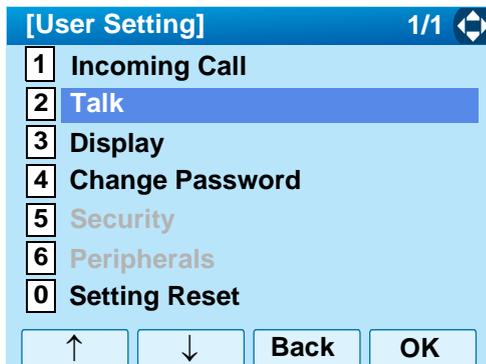
3. Select **1 User Setting** and then press  (**Enter**),  (**Right-cursor**) or **OK** softkey (or press **1** key).



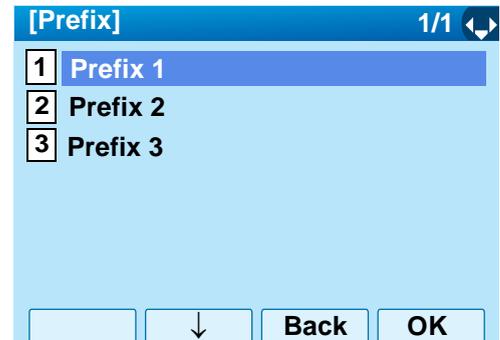
4. Select **2 Talk** and then press (**Enter**), (**Right-cursor**) or **OK** softkey (or press **2** key).



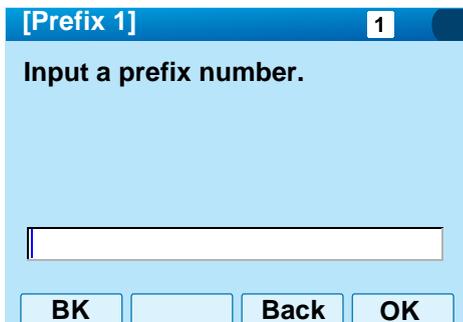
6. Select **1 Prefix 1** and then press (**Enter**), (**Right-cursor**) or **OK** softkey (or press **1** key).



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



7. Enter a prefix by using the digit keys. After entering the prefix, press (**Enter**) or **OK** softkey.



8. The display goes back to the Prefix screen, refer to [Step 6. on page 97](#). If multiple prefixes need to be set, repeat [Step 6.](#) and [Step 7.](#) In that case, select **2** Prefix 2 and **3** Prefix 3.



A maximum of 10 digits (0-9, * and #) can be set as a prefix.



When prefix is added, up to 32 digits including the prefix can be sent as dial number.

To Add Prefix When Making A Call

1. Display the list of applicable names (see [To Find a Registered Data on page 94](#)). Select a target name by pressing  (Up/Down-cursor) key and then press **Option** softkey.



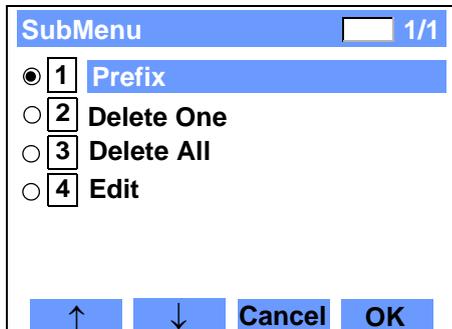
2. Select a target name and display Sub Menu. Select a target name by pressing , and then press  key or **Option** softkey.



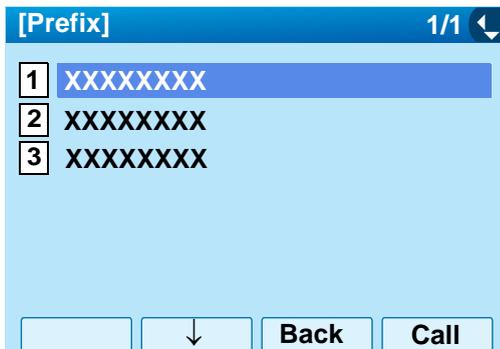


If multiple telephone numbers are registered to a target party, a call is made to the first priority telephone number.

3. Select **1** **Prefix** and then press (**Enter**), (**Right-cursor**) or **OK** softkey (or press **1** key).



4. Predetermined prefixes are displayed. Select a prefix and then press (**Enter**) or **Call** softkey to make a call.

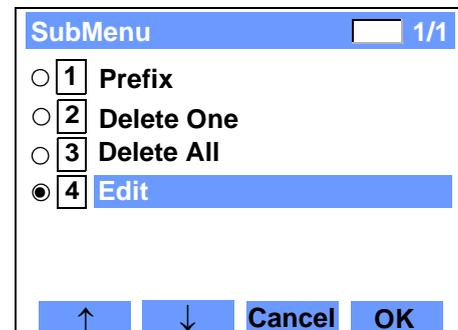


To Edit Directory Data

1. Display the **Name List** screen for a target party (see [To Find a Registered Data on page 94](#)). Select a name which needs to be modified and then press key or **Option** softkey.



2. Select **4** **Edit** and then press (**Enter**), (**Right-cursor**) or **OK** softkey (or press **4** key).



- On the **Edit** screen, the detailed data for the selected name is displayed. Modify the necessary data by referring to [To Add New Data on page 91](#). After the data modification is complete, press **Save** softkey on the Edit screen.



To Delete All Data

- While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.
- Select **Directory** and then press **Enter** or **OK** softkey (or press **2** key).



- To delete all the registered data, select **4** : **DeleteAll** and then press **Enter** or press **4** key.

| | | | |
|------------|--------------|----|----|
| 1: REGIST | 2: SEARCH | | |
| 3: SETTING | 4: DeleteAll | | |
| 1: | 2: | 3: | 4: |

The following is a sample display of a deleted number:

TLBK1: DELETE ALL DATA
INPUT PWD: 4DIGIT

- After 4-digit password is entered, display asks if you want to delete all the directory data. To delete, press **Yes**.
- After the appropriate directory data is deleted, the following is displayed.

DELETED ALL TELBOOK DATA

To Delete a Specific Data

- While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.
- Select **Directory** and then press **Enter** or **OK** softkey (or press **2** key).



- Select **2**: **Search** and then press **Enter** or press **2** key.

| | | | |
|------------|----|--------------|----|
| 1: REGIST | | 2: SEARCH | |
| 3: SETTING | | 4: DeleteAll | |
| 1: | 2: | 3: | 4: |

 The display will show No TELBK Data if there are no entries to review.

| | | |
|--------------------|------|-----|
| TLBK1: SEARCH NAME | | [A] |
| < | | |
| NUM | MENU | |

4. Select a search method (e.g., NAME, GRP, NUM or MEM).

```
[SEARCH MENU]
NAME   GRP   NUM   MEM
```

5. With the cursor key or softkey select the search method to be used.
6. Select a specific group to be deleted (e.g., Group 01).

```
1: NEC
2142622000
```

7. Select 1: NEC.

```
[1]   NEC
2142622000
      CHG   DEL   Dial
```

8. Press the **DEL** softkey to delete the appropriate directory data.
9. After the appropriate directory data is deleted, the following display appears. Confirm delete by pressing **Yes**.

```
TLBK1: DELETE DATA
DELETE DATA?
                        Yes   No
```

10. The following message appears confirming deletion.

```
DELETE COMPLETE!
```

5. Call History Operation

This chapter explains about Call History feature of DT750. By using Call History, the user can make a call with simple operation.

Call History feature allows the telephone to register up to 50 records into its memory. If exceeding 50 records, a record will be deleted in order of occurrence.



Register call history data to Personal Directory as necessary. Call History data will be cleared when powering off the telephone. Also, call history data cannot be backed up to PC.



The call history data which stored in the memory of each telephone cannot be added to Phonebook (both System Phonebook and Local Phonebook) controlled by the system.



On the Menu screen, use  or  soft key to move the cursor up/down a line.



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

View Call History

1. While indicating the current time on LCD, press  key to open the **Menu** screen.
2. Select **History** and then press  (**Enter**) or **OK** soft key (or press  key).



3. Display an item from the history by pressing the **CID** softkey.



4. Detailed information of the last call is displayed.



Use the cursor key to display the next/previous records.



If no history data has been saved, "List End" will be displayed..

To Make a Call from History



While the history data is displayed, the user cannot make a call by dialing a telephone number.

1. While indicating the current time on LCD, press **(Menu)** key to open the **Menu** screen.
2. Select **History** and then press **(Enter)** or **OK** soft key (or press **(1)** key).



3. Press the **Redial** softkey.



4. Detailed information of the last call is displayed.



5. Lift the **Handset** or press the **(Speaker)** key to dial the displayed number.

To Add Call History Data to Directory

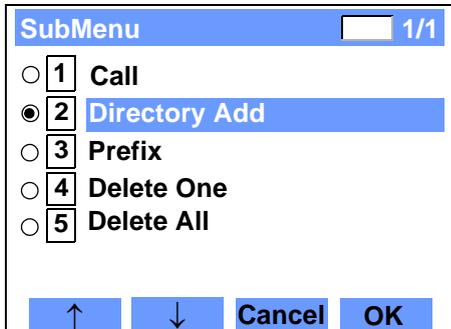
1. Display call history data of a target telephone number (see [View Call History on page 103](#)).

The following is an example when history data of a Missed Calls is displayed:



Press **(Menu)** key or **Option** soft key while displaying the call history data for the target telephone number.

2. The following Sub Menu is displayed. Select **(2) Directory Add** and then press **(Enter)**, **(Right-cursor)** or **OK** soft key (or press **(2)** key).



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



4. Select a category and then press (**Enter**) or **Next** soft key.
In this example, **1 Company** is selected:



Selectable categories are as follows:

| CATEGORY | ICON |
|------------|------|
| Company | |
| Mobile | |
| Voice Mail | |
| Home | |
| Others | |

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

A maximum of four telephone numbers can be set to an entry. If **2 Enable** is selected here, the telephone number which is being edited will be given top priority. In that case, the telephone number is automatically selected when the user make a call without specifying a specific telephone number.



6. The following **Edit** screen is displayed. “7205” has been registered to Tel #1.

See [To Add New Data on page 91](#) in Chapter 4 Directory Operation, and register detailed data (such as name, group, etc) to directory.



If the no corresponding data is stored in the Personal Directory, only the telephone number will be displayed as Tel #1.

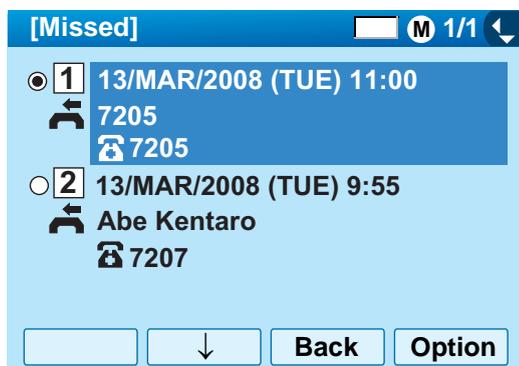


If the corresponding data has already stored in the Personal Directory the detailed data (such as name group, etc.) is displayed.

To Edit Directory Data from Call History

1. Display call history data of a target telephone number (see [View Call History on page 103](#)).

The following is an example when history data of a Missed Calls is displayed:



Press **(Menu)** key or **Option** soft key while displaying the call history data for the target telephone number.

2. The following Sub Menu is displayed. Select **2 Directory Add** and then press **(Enter)**, **(Right-cursor)** or **OK** soft key (or press **2** key).



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



4. Select a search method and then press **(Enter)** or **OK** soft key. See [To Find a Registered Data on page 94](#) for the procedure of the searching method.

In this example, **1 Group** is selected:



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

In this example, **2 Colleagues** is selected.



6. The names belonging to Colleagues are displayed as the following example.

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



If there is no corresponding data, "No data" will be displayed on LCD.

7. Select a registration destination. In this example, "7205" will be added to Tel #2.



In this example, a mobile telephone number "0780XXXXXXXX" has already been registered to Tel #1. If you select Tel #1 here, "0780XXXXXXXX" will be overwritten with "7205".



8. The **Category Set** screen is displayed. Select a Category to which the telephone number belongs. Then press  (**Enter**) or **OK** soft key. In this example, **1 Company** is selected.

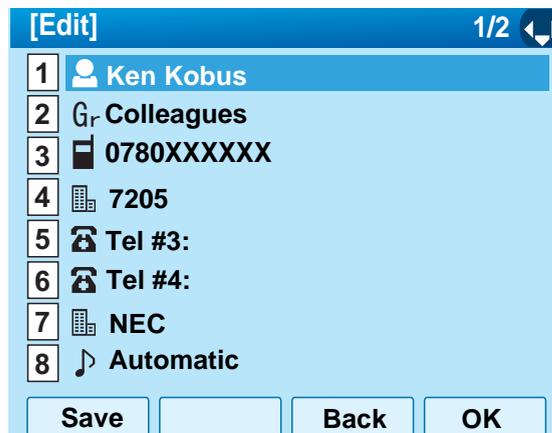


9. Select either **1 Disable** or **2 Enable** and then press  (**Enter**) or **OK** soft key.

A maximum of four telephone numbers can be set to an entry. If **2 Enable** is selected here, the telephone number which is being edited will be given top priority. In that case, the telephone number is automatically selected when the user make a call without specifying a specific telephone number.

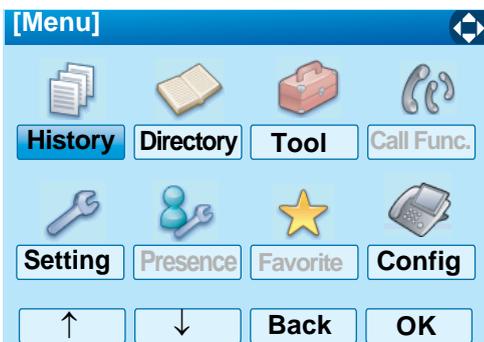


10. The display moves to the **Edit** screen of Directory. "7205" has been registered to Tel #2. See [To Edit Directory Data on page 99](#) in Directory Operation, and edit the data as necessary.



To Delete All Data

1. While indicating the current time on LCD, press **Menu** Key to open the **Menu** screen.
2. Select **History** and then press **(Enter)** or **OK** soft key (or press **1** key).



3. Display an item from the history by pressing the **CID** softkey.



4. Detailed information of the last call is displayed.



5. Press the **DEL** softkey.

6. Select **One** to delete a single call or **All** to delete all call histories.



6. Menu List

Menu List for DT750

| 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 | To access directory feature. There are the following three types of directory features: Personal Directory, Phonebook and Corporate Directory. This chapter explains the menu list for Personal Directory feature. |
| Tool | Uses when accessing external XML server. <u>For details, please contact the system administrator.</u> |
| Call Function | Not used. |
| Setting | To make the user setting of DT750. |
| Presence | Not used. |
| Favorite | Not used. |
| Config | To make the configuration setting of DT750. <u>For details, please contact the system administrator.</u> |

Menu List For History

| MENU ITEM | | DESCRIPTION | DEFAULT VALUE |
|-----------|------------|---|---------------|
| History | | | |
| 1 | Missed | Displays the history of missed calls. The user can also make a call from this menu. | - |
| 2 | Outgoing | Displays the history of outgoing calls. The user can also make a call from this menu. | - |
| 3 | Incoming | Displays the history of incoming calls. The user can also make a call from this menu. | - |
| 4 | Delete All | Deletes all the history data. | - |

SubMenu (Press  key or Option softkey while the history data is displayed)

| MENU ITEM | | DESCRIPTION | DEFAULT VALUE |
|-----------|------------------|--|---------------|
| SubMenu | | | |
| 1 | Call | Make a call to the currently displayed party. | - |
| 2 | Directory Add | Add the currently displayed history data to the personal directory. | - |
| 1 | New | Add call history data to the personal directory. | - |
| | Category Set | Select Company, Mobile, Voice Mail, Home or Others. | Company |
| | Priority Flag | Select either Enable or Disable. | Disable |
| | Edit | Edit the directory data. | - |
| 2 | Addition | Edit the personal directory data from call history. | - |
| | Directory Search | Search the personal directory. | - |
| | Directory | Register the telephone number to the searched directory data. | - |
| 3 | Prefix | Add Prefix to the telephone number and then make a call. | - |
| 4 | Delete One | Delete a specific data. | - |
| 5 | Delete All | Delete all history data of a specific call type ("missed", "outgoing" or "incoming") | - |

Menu List For **Directory**

| MENU ITEM | | DESCRIPTION | DEFAULT VALUE |
|-----------------|--|---|---------------|
| Directory | | From Menu screen, select [2] Directory → [1] Personal. | - |
| | 1 Search | Search the personal directory. | - |
| | 1 Group | Select a group as a search condition. | - |
| | 2 Name | Enter the target name and then perform a search. | - |
| | 3 Tel Number | Enter the target telephone number and then perform a search. | - |
| | 4 Other | Perform a search by one of the following conditions. | - |
| | 1 Memory ID | Enter a memory number. | - |
| | 2 Category | Select a category. | - |
| | 3 Company | Enter a company name. | - |
| | 4 Alphabet | Select a group of alphabets. | - |
| | 2 Edit | Add a new data to the personal directory. | - |
| | 1 Name | Enter a name of the target party to be added to the directory. | - |
| | 2 Group | Select a group to which the target party belongs. | Default |
| | 3-6 Tel #1-Tel #4 | Enter the telephone number. | - |
| | Category Set | Select Company, Mobile, Voice Mail, Home or Others. | Company |
| | Priority Flag | Select either Enable or Disable. | Disable |
| | 7 Company Name | Enter the company name of the target party. | - |
| | 8 Ring Tone | Select a ringer tone type per caller. | Automatic |
| | 9 Illumination | Select a illumination pattern (color) of the call indication lamp. | Automatic |
| | 0 Memory ID | Enter a memory number to be assigned to the target party. | - |
| 3 Group Setting | Change a group name. | - | |
| Group Setting | Select a desired group name to be changed. | - | |
| 1 Name | Enter a new group name. | - | |
| 2 Ring Tone | Select a ringer tone type per group. | Automatic | |
| 3 Illumination | Select a illumination pattern (color) of the call indication lamp. | Automatic | |
| 4 Own Number | Displays the number of the telephone itself. | - | |
| 0 Delete All | Delete all the registered directory data. | - | |

Menu List For Tool

| MENU ITEM | DESCRIPTION | DEFAULT VALUE |
|-----------|-------------|---------------|
| Tool | | |
| 1 | Service | - |
| 2 | IM | - |

Menu List For **Setting**

| MENU ITEM | | DESCRIPTION | DEFAULT VALUE |
|-----------|-----------------------|---|----------------------------|
| Setting | | | |
| 1 | User Setting | Make the user setting of DT750. | |
| | 1 Incoming Call | Settings for incoming call. | |
| | 1 Ring Volume | Not used. | - |
| | 2 Off-hook 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 External Call | 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 Saver | Set the screen saver for the LCD. | - |
| | 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 | Set the Wallpaper for the LCD. <i>Note: this requires configuration by installer.</i> | - |
| | 2 Touch Panel | Enable/disable the touch panel operation. | Enable |
| | 3 Shortcut Icon | Not used. | - |
| | 4 Font Color | Not used. | - |
| | 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. | - |

| MENU ITEM | | DESCRIPTION | DEFAULT VALUE |
|-----------|-----------------------|--|-----------------|
| | 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 |
| | 4 Wallpaper | Download a file for wallpaper | wallpaper.bmp |
| | 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. | - |
| | 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. | - |

This page is for your notes.

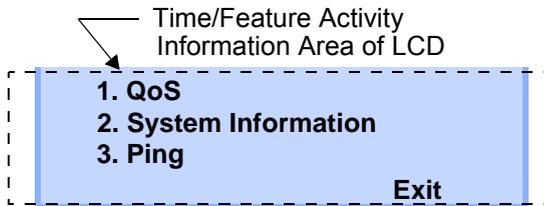
7. Online Monitoring

In Online Monitoring, users can see the following information on the terminal LCD.

- QoS information (RTP Packet Loss (per 5 sec.), Payload, CODEC)
- System information
- Ping

Conditions for activating Online Monitoring Menu

- Press and hold **Help** key. Main screen of Online Monitoring will be displayed.
- To exit from Online Monitoring, press **Exit** key.
- When just pressing **Help** key, Help information will be displayed.



Key Operation Chart

| Press Help key for two seconds. | | |
|--|--------------------|-----------------------|
| [1] | QoS | |
| | [1] | Lost Packet |
| | [2] | Codec |
| | [3] | Payload |
| [2] | System Information | |
| | [1] | Network Settings |
| | [2] | SIP Settings |
| | [3] | Audio&Visual Settings |
| | [4] | Maintenance Settings |
| | [5] | Terminal Information |
| [3] | Ping | |

QoS Information (RTP Packet Loss (per 5 sec.), Payload, CODEC)

Press **1** in main screen, and move to QoS information menu.

The following information can be confirmed in QoS information:

1. Last Packet : XXXX
 2. Codec : G.XXXx
 3. Payload : XXms
 Prev

1. Network Settings
 2. SIP Settings
 3. Audio&Visual Settings
 Up Down Prev Exit

- **Lost Packet**
 The number of RTP packet receiving loss in currentlast call will be displayed per **5** second. (Displayed in eight digits. Maximum value is 99999999.)
- Codec
- **Payload** (Payload size)

Display pattern of Codec and Payload is as follows:

| CODEC | PAYLOAD (msec.) |
|---------|-----------------|
| G. 711u | 10, 20, 30, 40 |
| G. 711A | 10, 20, 30, 40 |
| G. 729a | 10, 20, 30, 40 |

System Information

Press **2** in main screen, and move to System information menu.
 The following information can be confirmed in System information:

- Network Settings
- SIP Settings
- Audio&Visual Settings
- Maintenance Settings
- Terminal Information



For the detail of each Settings, refer to the Detail of System Information Menu.

To See Network Settings Information

Press **1** in System Information menu.
Each Network Setting can be confirmed by pressing **Up** and **Down** key.

DHCP Mode
Disable/Enable
Up Down Prev

IP Address
XXX.XXX.XXX.XXX
Up Down Prev

⋮

802.1X Status
XXXXX
Up Down Prev



To go back to System Information menu, press
Prev softkey.

To See SIP Settings Information

Press **2** in System Information menu.
Each SIP Setting can be confirmed by pressing
Up and **Down** key.

User ID
XXXXX
Up Down Prev

Terminal URI
XXXXX
Up Down Prev

⋮

Howler Tone
Disable/Enable
Up Down Prev



To go back to System Information menu, press
Prev softkey.

To See Audio&Visual Settings Information

Press **3** in System Information menu.
Each Audio&Visual Setting can be confirmed by pressing **Up** and **Down** key.

Confirmation Tone
Disable/Enable
Up Down Prev

Music
Default/Download Data
Up Down Prev

⋮

DTMF Play Mode
ON/OFF
Up Down Prev



To go back to System Information menu, press
Prev softkey.

To See Maintenance Settings Information

Press **4** in System Information menu.
Download address can be confirmed.

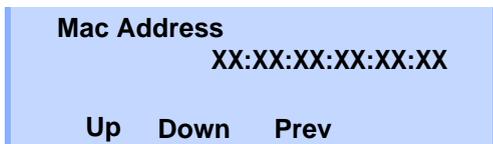
Download Address
XXX.XXX.XXX.XXX
Prev



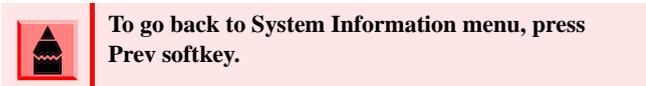
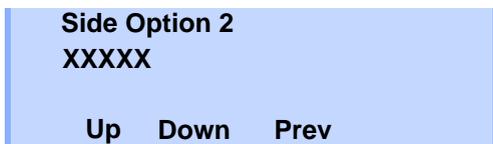
To go back to System Information menu, press
Prev softkey.

To See Terminal Information

Press **5** in System Information menu.
Each terminal information can be confirmed by pressing **Up** and **Down** key.



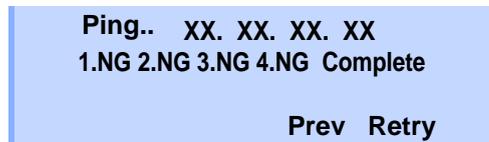
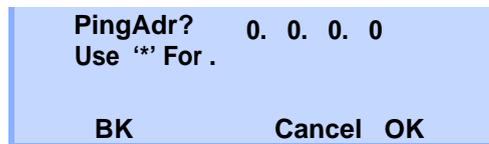
⋮



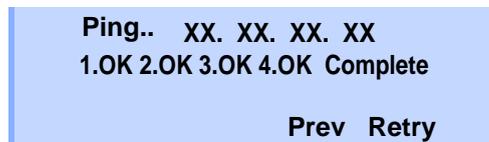
Ping

To Send Ping

Press **3** in main screen, and move to Ping menu.
Enter IP address of the server to send Ping, and press **OK** key.



Ping will be sent to the server **4** times.
If **Retry** was selected, screen will return to the Ping menu.



Detail of System Information Menu

| SYSTEM INFORMATION MENU | ITEMS |
|-------------------------|---|
| Network Settings | DHCP Mode IP Address Note1 Default Gateway Note1 Subnet Mask Note1 DNS Address Note1 VLAN Mode (for LAN port) VLAN ID (for LAN port) VLAN Priority (for LAN port) Speed & Duplex (for LAN port) PC Port VLAN Mode PC Port VLAN ID PC Port VLAN Priority PC Port Speed & Duplex PC Port Available EAPOL Forwarding CDP Mode ToS (RTP) ToS (SIP) Supplicant Mode EAP Method EAPOL VLAN Mode Account (MD5) 802.1X Status |

| SYSTEM INFORMATION MENU | ITEMS |
|-------------------------|---|
| SIP Settings | User ID Terminal URI Connecting Server 1st SIP Server Note1 2nd SIP Server Note1 3rd SIP Server Note1 4th SIP Server Note1 Access Mode (to the SIP Server) Port for 1st SIP Server Port for 2nd SIP Server Port for 3rd SIP Server Port for 4th SIP Server Area ID (Country) Authentication Mode Retransmit Interval Keeping Call Howler Tone |
| Audio & Visual Settings | Confirmation Tone Music on hold Sidetone Volume Send Gain Receive Bias Receive Gain Ring(Internal Call) Ring(External Call) Volume Indication Language for time display |
| Maintenance Settings | Download Address for downloading the firmware |

| SYSTEM INFORMATION MENU | ITEMS |
|-------------------------------|--|
| Terminal Information | Hardware Version MAC Address Firmware Version Bottom option Side Option 1 Side Option 2 |

Note 1: “(DHCP)” is indicated on the display when the parameter is obtained from the DHCP server.
(ex.) IP Address

IP Address(DHCP)
XX:XX:XX:XX:XX:XX
Up Down Prev

This page is for your notes.

8. Web Programming

Web Programming allows the user to configure the terminal settings of DT750 from the PC. The user use Internet browser (Internet Explorer, etc.) to access Web Programming. It is not necessary to install any special application software onto the PC.



DT750 and Web Programming PC needs to be connected to the same network. When downloading the files for Music on Hold, Ringer Tone and Directory to the DT750, FTP (TFTP server) is required on the network. For details on the FTP service, contact to the System Administrator.



Terminal settings through the Web Programming is available while the DT750 logs into the system.

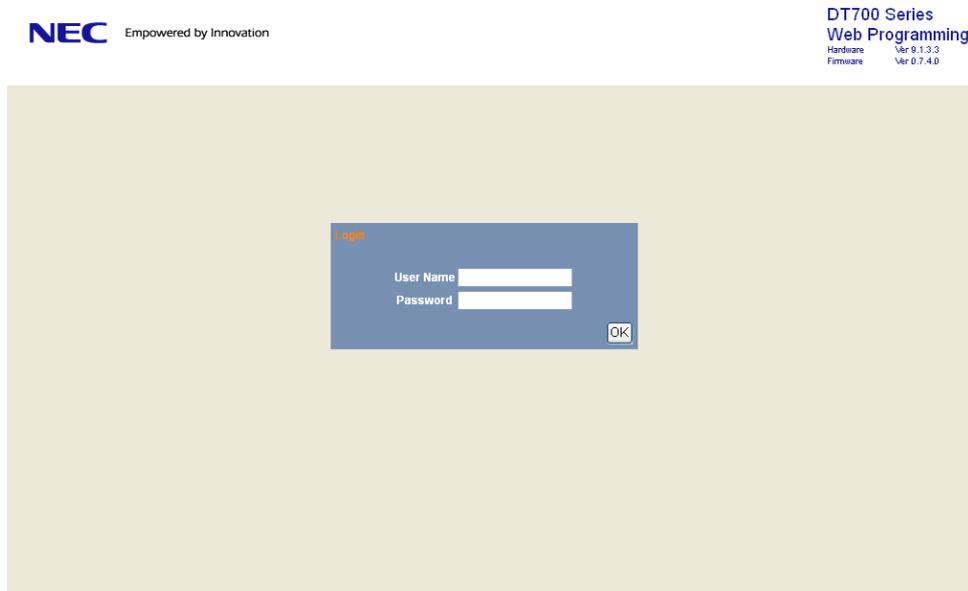
PC Requirements For Web Programming

| ITEMS | OPERATING CONDITIONS |
|------------------|---|
| Operating System | Microsoft® Windows® XP/Vista |
| CPU | Comply with conditions for use of Microsoft® Windows or Microsoft® Internet Explorer. |
| Memory | |
| Browser | Microsoft® Internet Explorer 6.0 or later |
| Monitor | SVGA (minimum: 800 × 600 pixel, recommended: 1024 × 768 pixel,) |
| Others | Mouse, LAN connection port (RJ-45) |

To LOGIN

Follow the steps below to open the Web Programming:

- Start up Internet browser on the PC.
- Enter IP address of the target DT750 on the address toolbar and then press Enter key.
- The Web Programming Login screen appears. Enter a user name (type “USER”) and a password (**Note 1**), then click **OK** button.



Note 1: Enter the same password used when logging into the DT750. “0000” is used as password by the default setting.

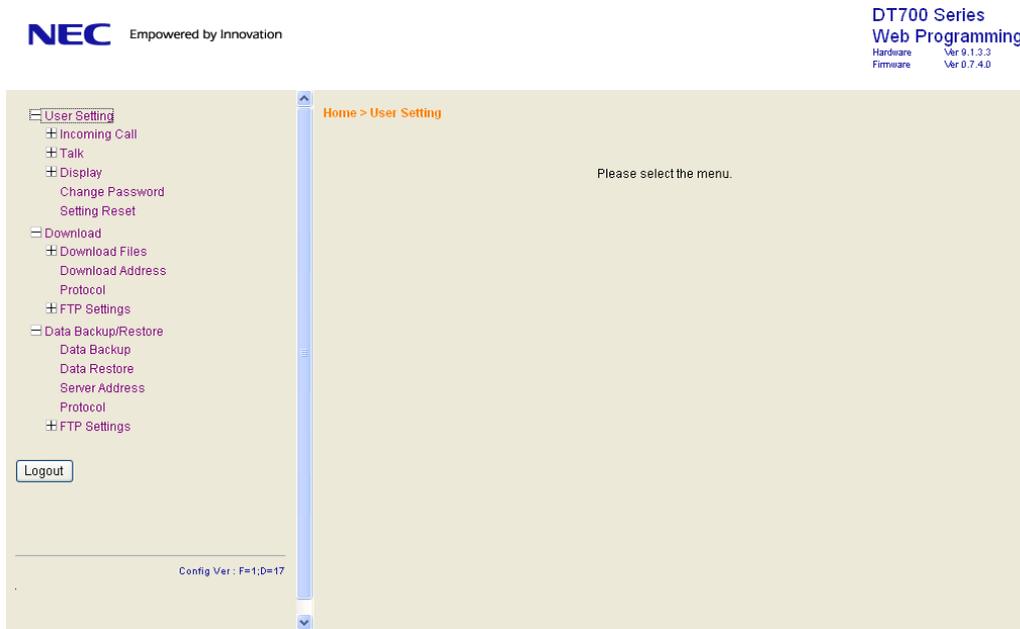


For IP address of DT750, contact to the System Administrator.



When the login screen does not appear, check the LAN connection status and entered IP address. If the problem persists, please contact the system administrator.

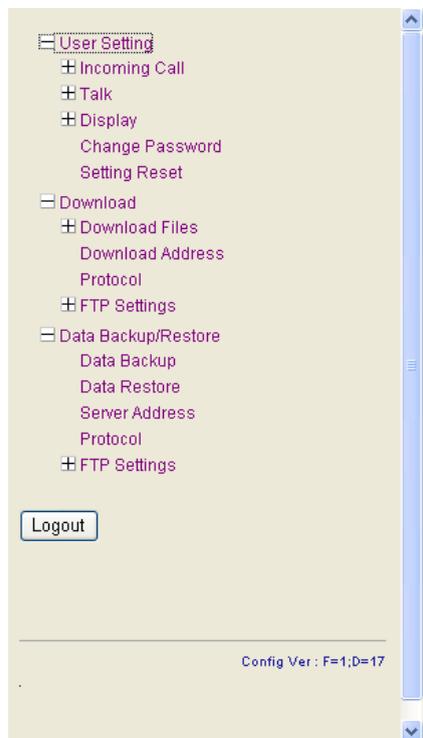
- The following Web Programming **Home** screen appears.



To LOGOUT

Follow the steps below to exit from the Web Programming.

- Click **Logout** button at the lower left of the screen.



- The confirmation message appears. Click **OK** button to log out of Web Programming.
- The display changes as follows. Click **Back** button.

Logout complete.

Back

- After the Web Programming Login screen is displayed, close the Internet browser.



Make sure to perform the logout operation after the data setting of the telephone.

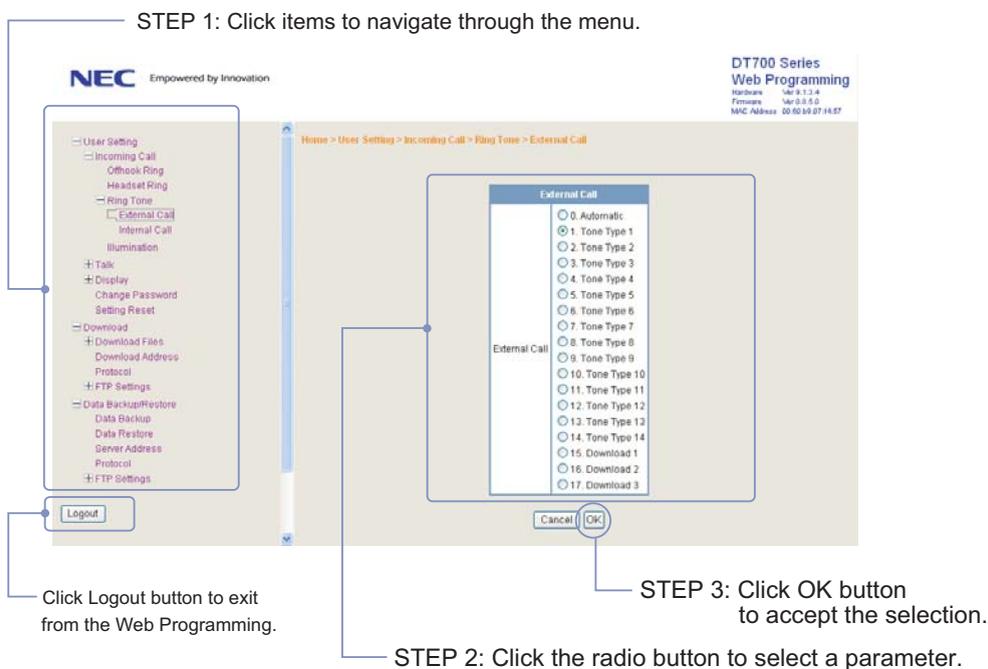


When 15 minutes have passed leaving the PC without operation after log in to Web Programming, the user is forcibly logged out from the Web Programming.

How To Operate

As an example of setting method on the Web Programming, the following explains how to change the ringer tone for external call. Web Programming includes the same menu configuration as "Setting" of DT750 terminal. For details on each menu item, see [Setup with Menu Key](#) in [Chapter 2 Terminal Setup](#).

- (1) From the **Home** screen, click **User Setting** → **Incoming Call** → **Ring Tone** → **External Call**.
- (2) Select a desired tone type by clicking the corresponding radio button.
- (3) Click **OK** button to save the change to the database.



- (4) A confirmation dialog appears. Click **OK** button on the dialog.

NEC

NEC Unified Solutions
Anton Philipsweg 1
1223 KZ Hilversum
The Netherlands

<http://www.nec-unified.com>