



NEC

Doc. No. 10645
ISSUE 1.2

UNIVERGE SV8300
DT310/DT330/DT710/DT730

USER GUIDE

NEC Australia Pty Ltd
October 2008

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1. INTRODUCTION

General

This guide explains how to operate DT Series (DT310/DT710/DT330/DT730) under the following headings.

CHAPTER 1 INTRODUCTION

Explains the configuration of this guide and contains the following information.

- Face layout of DT Series
- Keys and Parts of DT Series
- Icon Display
- Menu List

CHAPTER 2 TERMINAL SETUP

Explains the operating procedures for terminal settings of the DT Series.

CHAPTER 3 BASIC OPERATION

Explains the basic operation of DT Series.

CHAPTER 4 FEATURE OPERATION

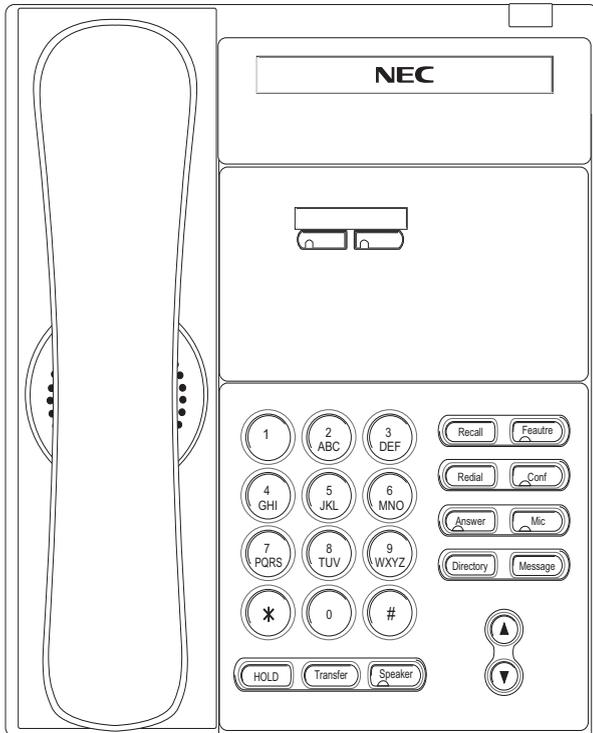
Explains operating procedures for various Telephony Server features.



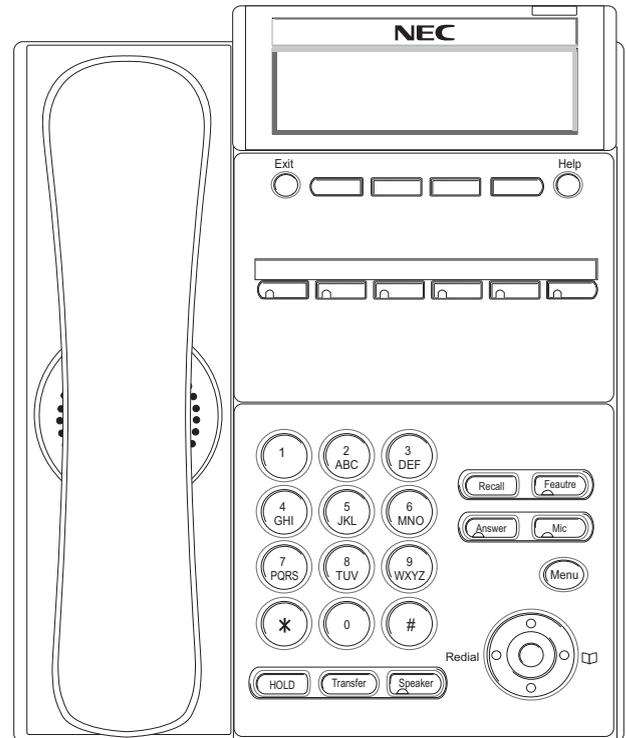
DT330/DT730

Face Layout

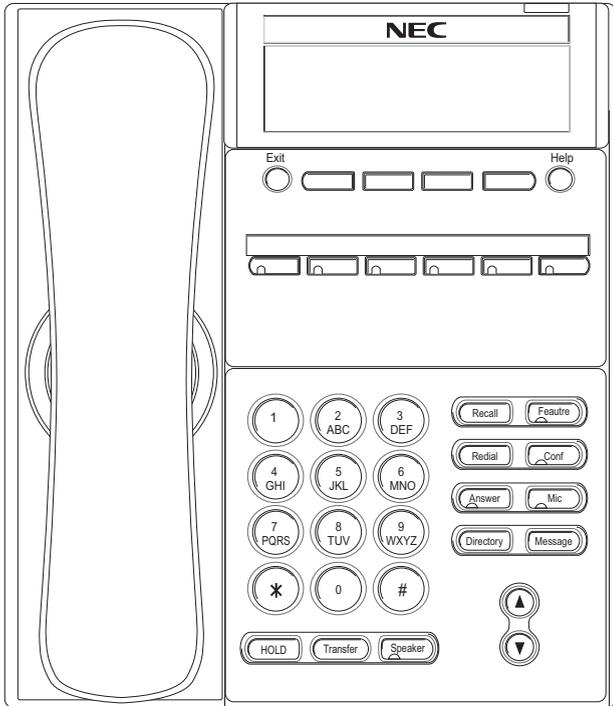
DT310/710 (2-Button without LCD)



DT310/710 (6-Button with LCD)

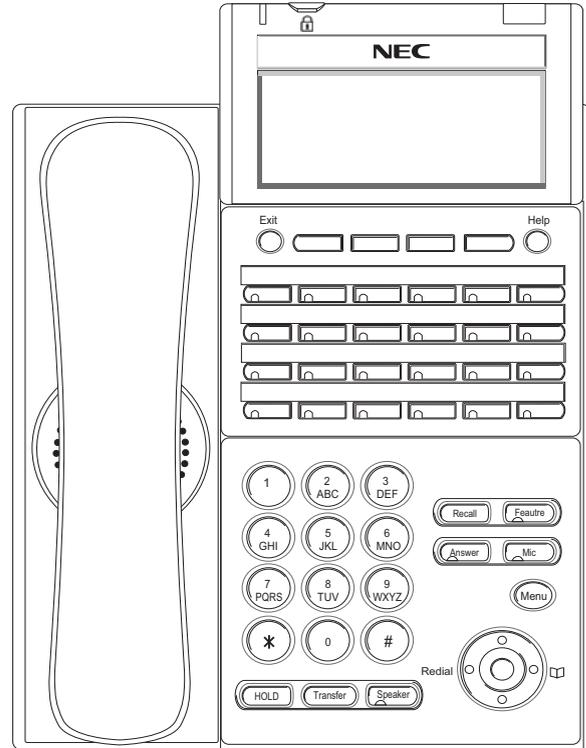


DT310 (6-Button with LCD)



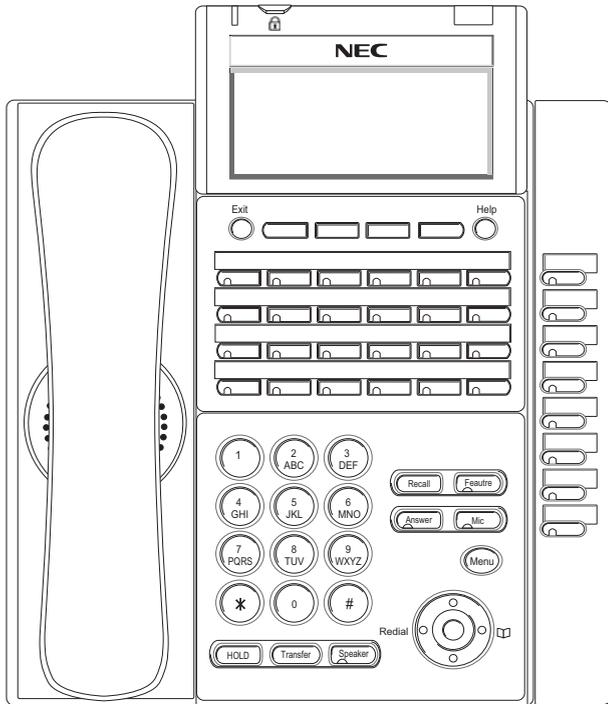
Note: Security button is equipped on DT730 only.

DT330/DT730 (24-Button with LCD)



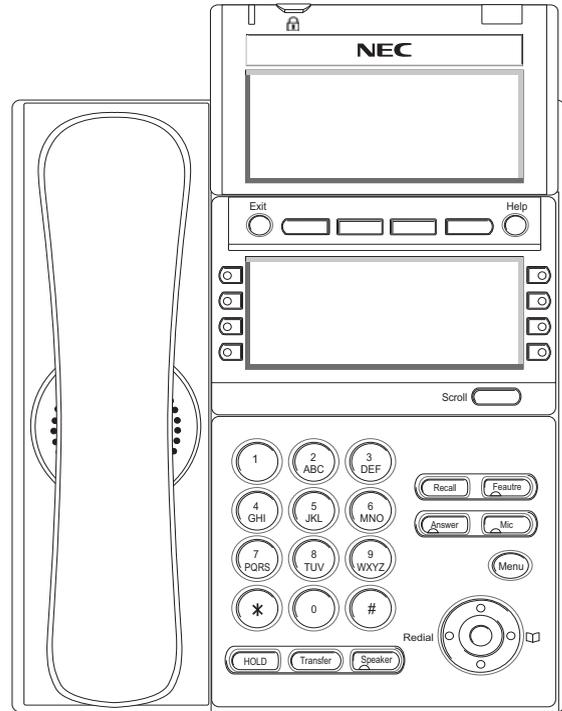
Note: Security button is equipped on DT730 only.

DT330/DT730 (32-Button with LCD)



Note: Security button is equipped on DT730 only.

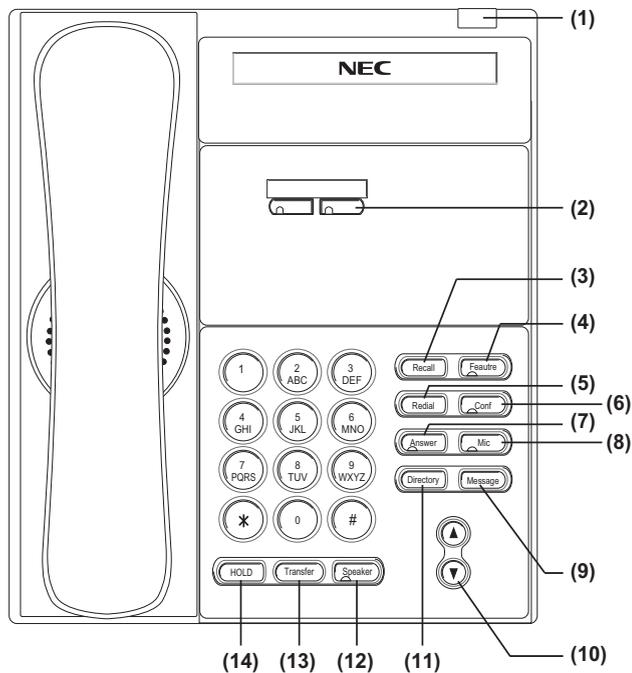
DT330/DT730 (DESI Less 8-Button)



Note: Security button is equipped on DT730 only.

Keys And Parts

DT310/DT710 (2-Button without LCD)



(1) Call Indicator Lamp

Lamp at top corner of DT Series Display flashes when a call terminates to the terminal. Lamp lights steadily when a message has been left.

(2) Programmable Keys

These keys can be programmed as Flexible Line key/Programmable Feature Key by the Telephony Server Administrator.

When the Telephony Server Administrator sets “One-Touch Speed Dial key” on the programmable keys, users can assign any numbers (ex. Telephone number, etc.) to the key (up to 24 digits).

* For the assignment of the keys, confirm with the Telephony Server Administrator.

(3) Recall

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

(4) Feature

Used to activate any features as terminal setup functions, etc. and to program One-Touch Speed Dial Keys.

(5) Redial

(Last Number Call, Speed Calling-Station/Group)
Press key to activate redial feature.

(6) Conf

Press key to establish a three-way conversation.
LED on key lights when key is active.

(7) Answer

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

(8) Mic

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

(9) Message

Press key to access the voice mail system.

(10) Up/Down

(∨ DOWN ^ UP)

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

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

(11) Directory

Press key to activate speed calling - system feature. (PROGRAMMABLE)

(12) Speaker

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

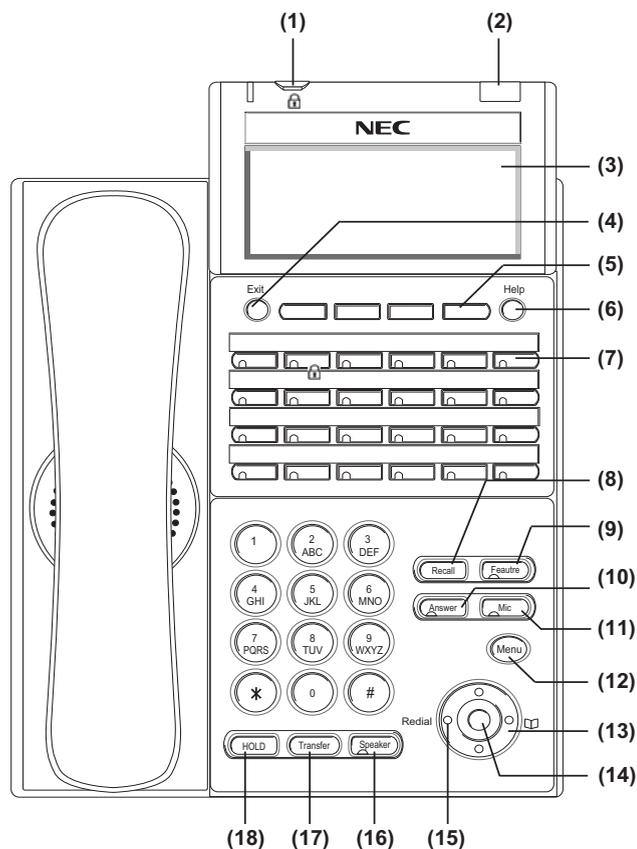
(13) Transfer

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

(14) Hold

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

DT330/DT730 (24-button with LCD)



(1) Security Button (DT730 only)

The user can lock the terminal preventing unauthorized use.

(2) Call Indicator Lamp

Lamp at top corner of DT Series Display flashes when a call terminates to the terminal. Lamp lights steadily when a message has been left.

(3) LCD (Note 1)

LCD (Liquid Crystal Display) provides DT Series activity information plus date, time and Soft Key Operation.

The LCD on DT310/DT710 has 24-character, 3-line capability.

```
15:39 AM MON 18 JUL 2007
MIC VOICE >>>
```

The LCD on DT330/DT730 has 24-character, 4-line capability. Top line is used exclusively for the status icons.

```

MIC VOICE >>>
15:39 AM MON 18 JUL 2007
MIC VOICE >>>
```

(4) Exit

The user can exit from the Help key mode by pressing this key.

(5) Soft Keys

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

(6) Help

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

(7) Programmable Keys

These keys can be programmed as Flexible Line key/Programmable Feature Key by Telephony Server Administrator.

When the Telephony Server Administrator sets "One-Touch Speed Dial key" on the programmable keys, users can assign any numbers (ex. Telephone number, etc.) to the key (up to 24 digits).

* For the assignment of the keys, confirm with the Telephony Server Administrator.

(8) Recall

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

(9) Feature

Used to activate any features as terminal setup functions, etc. and to program One-Touch Speed Dial Keys.

(10) Answer

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

(11) Mic

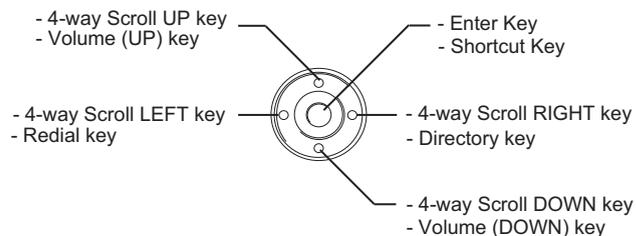
Press key to respond hands free. LED on this key lights during speakerphone operation.

(12) Menu

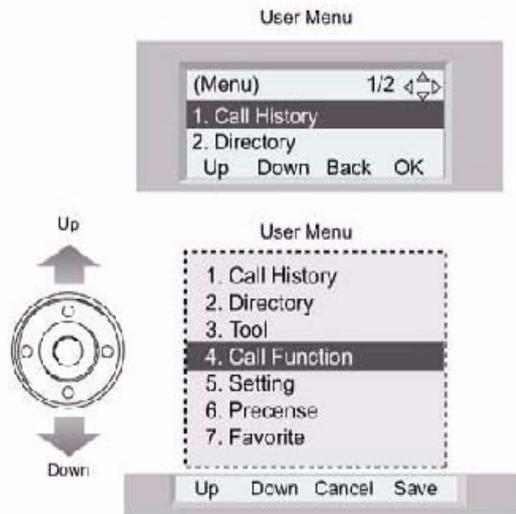
From this key, the user can access to the functions not normally used (such as terminal settings, downloads and access to XML applications) easily.

(13) Cursor

By using this Key, DT Series user can access to various features with simple operation.



Two lines of menu items can be displayed at a time. Use "Up" or "Down" key to scroll to the item.



Note: *DT310/710 (2-Button without LCD does not have the Cursor Key).*

(14)Enter

DT330/DT730 Series has Shortcut Menu for frequently-used features. The user can access to Shortcut Menu by pressing **Enter** Key.

Note: *DT310/710 Series does not support the Shortcut Menu.*

Shortcut Menu includes the following features:

Feature	Description
1. Missed Call	Access to history of Missed Call.
2. Voice Mail	Access to history of incoming Voice Mail.
3. IM	Future.
4. Presence	Future.
5. Bluetooth	Future.

(15)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 # key to activate dialing.

(16)Speaker

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

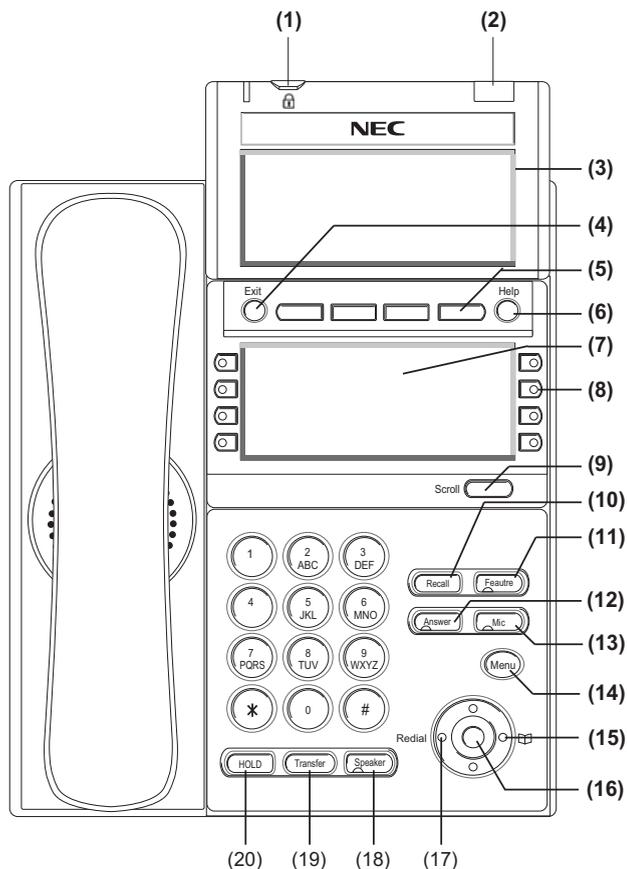
(17)Transfer

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

(18)Hold

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

DT330/DT730 (DESI Less 8-Button with LCD)



(1) Security Button (DT730 only)

The user can lock the terminal preventing unauthorized use.

(2) Call Indicator Lamp

Lamp at top corner of DT Series Display flashes when a call terminates to the terminal. Lamp lights steadily when a message has been left.

(3) LCD

LCD (Liquid Crystal Display) provides DT Series activity information plus date, time and Soft Key Operation.

The LCD on DT310/DT710 has 24-character, 3-line capability.

```
15:39 AM MON 18 JUL 2007
MIC VOICE >>>
```

The LCD on DT330 has 24-character, 4-line capability. Top line is used exclusively for the status icons.

```

[Icon]
15:39 AM MON 18 JUL 2007
MIC VOICE >>>
```

(4) Exit

The user can exit from the Help key mode by pressing this key.

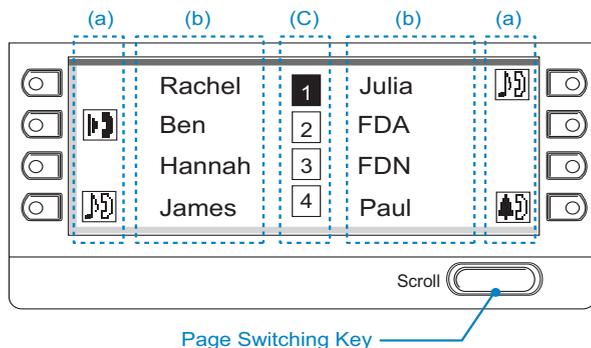
(5) Soft Keys

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

(6) Help

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

(7) 8LD Display



32 (8 keys x 4 pages) additional programmable keys are provided. They can be programmed as Flexible Line/Programmable feature key by the Telephony Server Administrator, similar to existing programmable keys. When the Telephony Server Administrator sets "One-Touch Speed Dial key" on the programmable keys, users can assign any numbers (ex. Telephone number, etc.) to the key (up to 8 digits).

* Maximum 8 characters can be displayed.

** For the assignment of the keys, confirm with the Telephony Server Administrator.

(a) Icon

Status of the Line key such as Call termination, Call Hold or Busy, and setting on the Feature key are shown as Icons.

User's Status	Icon	Flashing Pattern
• Idle		
• Call Hold (Individual Hold on Call Park Group) • Exclusive Call Hold		Blink Note
• Recall (Individual Hold/Exclusive Call Hold/Call Transfer/ • Individual Hold on Call Park Group)		Blink Note
• During Conversation (Individual Use) • Call Transfer • Conference		

(b) Feature Key Information

Feature Key Information displays the followings.

Key	Description	Maximum digits to be displayed
Line Key	- Name and Number information	Up to 8 digits.
Feature Key	- Feature Name	Up to 8 digits.
One-Touch Speed Dial Key	- Speed Dial Name Information - Number Information	Up to 6 digits.

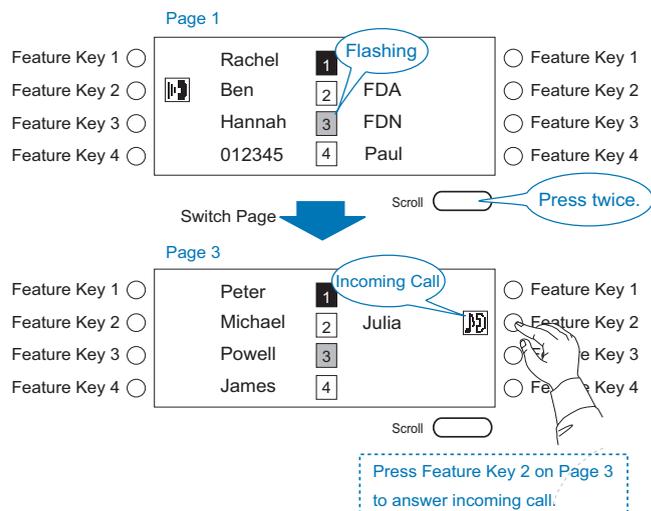
(c) Page Icon

8LD display has four pages (8 Programmable Feature keys per page). Page Icon Key indicates currently displayed page. The user can switch the Feature Key display from page 1 to 4 by using the Page Switching Key.

1	Feature Key 1-8	Black background indicates currently displayed page.
2	Feature Key 9-16	
3	Feature Key 17-24	Flashing indicates page with event happening.
4	Feature Key 17-24	

Note 1: *The icon flashes during events such as call termination to a line key or call back.*

Example:



(8) Programmable Keys

These keys can be programmed as Flexible Line key/Programmable Feature Key by Telephony Server Administrator.

When Telephony Server Administrator sets "Speed Dial key" on the programmable keys, users can assign any numbers (ex. Telephone number, etc.) to the key (up to 24 digits).

* For the assignment of the keys, confirm to the Telephony Server Administrator.

(9) Scroll Key

This key is used to turn over the page of 8LD display.

(10) Recall

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

(11) Feature

Used to activate any features as terminal setup functions, etc. and to program Speed Dial Keys.

(12) Answer

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

(13) Mic

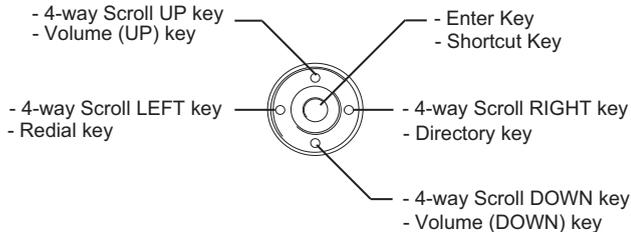
Press key to respond hands free. LED on this key lights during speakerphone operation.

(14) Menu

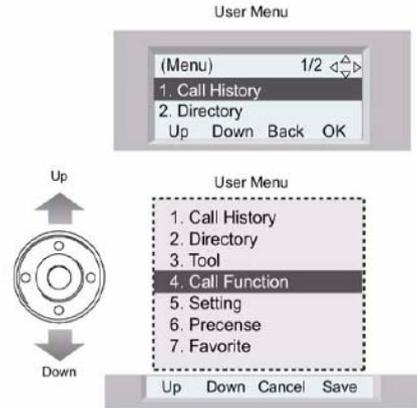
From this key, the user can access the functions not normally used easily.

(15) Cursor

By using this Key, DT Series user can access to various features with simple operation.



For DT330 Series, two lines of menu items can be displayed at a time. For DT730 Series, three lines of menu items can be displayed at a time. The following figure show the menu screen for DT 730 Series. Use "Up" or "Down" key to scroll the item.



Note: *DT310/710 (2-Button without LCD) does not have the Cursor Key.*

(16)Enter

DT330/DT730 Series has Shortcut Menu for frequently-used features. The user can access to Shortcut Menu by pressing **Enter** Key.

Note: *DT310/710 Series does not support the ShortcutMenu.*

(17)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 # key to activate dialing.

Shortcut Menu includes the following features.

Feature	Description
1. Missed Call	Access to history of Missed Call.
2. Voice Mail	Access to history of incoming Voice Mail.
3. IM	Future.
4. Presence	Future.
5. Backlight	Access to screen for LCD backlight settings.
6. Bluetooth	Future.

(18)Speaker

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

(19)Transfer

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

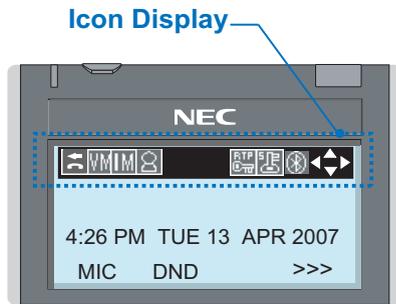
(20)Hold

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

Icon Display

The LCD of DT730 Series displays Desktop Icons which provide notification when events (such as missed call and voice mail) occur.

Note: *DT310/DT330/DT710 Series does not support the icon display.*



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.
Instant Message (Note1)		This icon appears when the terminal receives a new instant message. Once the user has checked the message, this icon will disappear.
Presence (Note1)		This icon indicates the terminal's presence status.
Encryption (Note1)		This icon appears when using RTP Encryption feature.
Bluetooth (Note1)		This icon appears when any peripheral equipment is connected via Bluetooth.

Note 1: *Currently unavailable.*

Menu List

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

To Display Menu List

- Press  Key. The Menu List is displayed in LCD. Use Cursor Key to select desired Menu Item.

N o.	Menu Item	Description
1	Call History	To view Call History.
2	Directory	To use Directory function.
3	Tool	- Uses when accessing external XML server. For details, please contact the system administrator. - Uses when sending/receiving Instant Message. (Note1)
4	Call Function	Currently Not Used (grayed out).
5	Setting	To set up the terminal such as ringing volume control, LCD display setting and download of Music on Hold.
6	Presence	Currently Not Used (grayed out).
#	Favorite	By registering frequently-used features as favorite, the user can access these features with simple operation.
0	Terminal Config	This item is used for Configuration setting of DT Series.

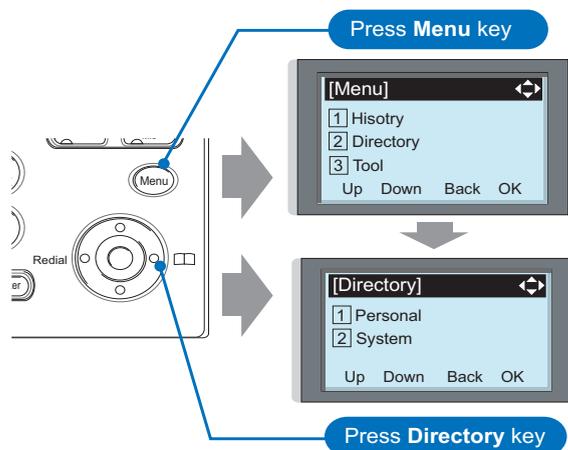
Note 1: Operation for Instant Message (IM) is currently unavailable.

Note: Unavailable Menu items are grayed out.

Simple Operation by Menu Key and Cursor Key

By using Menu Key and Cursor Key, DT Series user can have access to Call History, Directory and terminal settings with simple operation.

As an example, the following shows the operations how to access to Directory menu.



2. TERMINAL SETUP

This chapter describes operating procedures for terminal settings by the **UP/DOWN** Key and **Feature** Keys.

Various terminal settings such as display, sounds, password, and language are also available from **Menu** Key.

Terminal Setup With the Up/Down Key

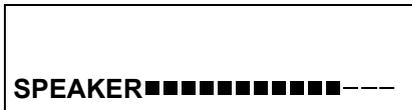
To Adjust Handset Receiver Volume

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



To Adjust Speaker Volume

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



To Adjust Ringer Tone

Press the Up/Down key during ringing.



To Adjust LCD Contrast

Press the Up/Down key in the on-hook status.



Note: *The 2-Button Handset does not have a display.*

Terminal Setup With the Feature Key

Microphone On/Off

LED on Mic key shows the status of the built-in microphone.

To Access on the 6/24/32 Button DT310/DT330/DT710/DT730

- Either press MIC Key, or press **Feature** and **1** or press Soft Key associated with MIC.

To Access on the 2 Button DT310

- Either press MIC Key, or press **Feature** and **1**.

To Change Handset Receiver Volume

- Press **Feature** and **2**. The LCD displays the current volume status.

4:26 PM TUE 13 APR 2008

- Press **Feature** and **2** to alternate between Large and Small volume.

4:26 PM TUE 13 APR 2008

To Select Ringer Tone

DT Series has a selection of 10 ringer tones.

- Press **Feature** and **3**. The LCD displays the selected tone number (n=1 ~ 14).
- Press **3** each time you wish to scroll through the next tone.

RINGER TONE
4:26 PM TUE 13 APR 2008

TONE No.	Frequency (Hz)	Modulation (Hz)
1	520/660	16
2	520/660	8
3	1100/1400	16
4	660/760	16
5	Melody 1	
6	Melody 2	
7	Melody 3	
8	Melody 4	
9	Melody 5	
10	Melody 6	
11	Melody 7	
12	Melody 8	
13	Melody 9	
14	Melody 10	

To Adjust Transmission/Receiving Volume

Handset volume can be changed.

- Press **Feature** and **4**. The LCD displays the current volume.

4:26 PM TUE 13 APR 2004

- Press **Feature** and **4** again to alternate between Small and Large volume.

4:26 PM TUE 13 APR 2004

3. BASIC OPERATION

Login (DT700 Series Only)

When login mode is activated, following procedure is required.

- Enter login code and press **Set** Soft key.
(The station number is used as the Login code.)

Login :	2000		
Passwd :			
Cancel	BK	Set	OK

- Enter the password and press **OK** Soft key.

Login :	2000		
Passwd :	*****		
Cancel	BK	Set	OK

- If the login code is accepted, display changes to normal idle status.

15:39 AM MON 18 JUL 2007
MIC DND >>>

Logout (DT700 Series Only)

- Lift handset or press **Speaker**.
- Press the preassigned **Logout** Feature key or Soft key on the terminal.

Note: *Logout button is assigned by the system administrator.*

15:39 AM MON 18 JUL 2007
MIC DND >>>

15:39 AM MON 18 JUL 2007
L-OUT >>>

- Press the **Logout** Feature key or Soft key on the terminal again.

Note: *It may take a few seconds for the handset to Logout.*

To Originate an Outside Call

- Lift handset or press **Speaker** key, receive dial tone.
- Dial the Central Office access code, e.g. **0**.
- Dial telephone number.
- Display indicates:

Elapsed time	Trunk type	Trunk number
15:39	DDD	3
4:26 PM	TUE 13 APR 2004	

To Originate an Internal Call

- Lift handset or press **Speaker** key.
- Receive dial tone.
- Dial station number. Display indicates digits dialed.

Multiline Appearance

To Originate a Call

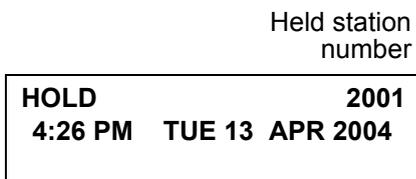
- Press the **MULTILINE APPEARANCE** feature key.
- Lift handset or press **Speaker**. Dial the Central Office access code (i.e. **0**).
- Dial the number.

To Answer a Call

- Press the **MULTILINE APPEARANCE** feature key (ringing and flashing LED alert user to incoming call).
- Lift handset or press **Speaker**.
- Speak with incoming party.

To Place Call on Hold

- Press **Hold**. Held line wink flashes.



Note: *If held line appears on other DT Series stations, the associated LED flashes red slowly.*

To Retrieve

- Lift handset or press **Speaker** key.
- Press held line. Use handset to converse.

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

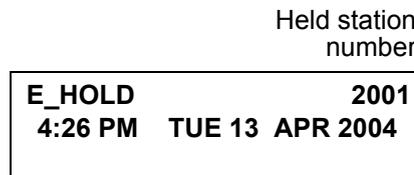
If unanswered

- After preprogrammed time, Automatic Recall is initiated.
- Visual and audible signal (rapid flash and ring burst) is sent to station that placed call on hold.

Note: *Hold shows as a flashing green LED on your phone. The same line on other phones shows as a flashing red LED. Recall shows as a flashing green LED on your phone and flashing red LED on other phones with the same line.*

To Place a Call on Exclusive Hold

- Press **Hold** twice. Line appearance indicates interrupted wink.



Note: *If held line appears on other DT Series stations, LED remains steadily lit red.*

To Retrieve

- Lift handset or press **Speaker**.
- Press held line. Use handset to converse.

Note: *Only the DT Series that set Exclusive Hold option can retrieve the call.*

If unanswered

- After preprogrammed time, Automatic Recall is initiated.
- Visual and audible signal (rapid flash and ring burst) is sent to station which placed call on Exclusive Hold. **Recall** shows as a flashing green LED on your phone, and solid red on other phones with same line.

Note: *Exclusive Hold excludes any other phone from picking up your held call. Exclusive Hold shows as a flashing green LED on your phone. The same line on other phones appears as a solid red LED.*

To Transfer a Call

- After conversing, ask party to hold.
- Press **Transfer**. Receive interrupted dial tone.

4:26 PM TUE 13 APR 2004

- Dial destination station's extension, hang up or wait for answer.

Transferred station
or trunk number

2001
4:26 PM TUE 13 APR 2004

- If transferring party hangs up, that station's number appears in the center of recipient's display.

Transferring station

2000 DDD
4:26 PM TUE 13 APR 2004

- The display returns to the User Setting screen.
Press **Back** Soft Key.

4. FEATURE OPERATION

Speed Numbers Storage and Access To Store Numbers using (One-touch Speed Keys)

(Not available on 2 Button Terminal)

To Program

- Press **Feature** button.
- Press an available **One-Touch Speed Calling** key.
- Enter desired telephone number or feature access code on the keypad.
Display indicates the digits dialed.
- Press **Feature** again to save the number.

SET
4:26 PM TUE 13 APR 2004

To Access

- Press desired **One-Touch Speed Calling** key or Press **Speaker** and **One-Touch Speed Calling** key to call number.

To Modify

Store numbers as above and override with new numbers.

To Verify

- Press **Feature** button.
- Press desired **One-Touch Speed Calling** key.
- Display indicates digits programmed.

To Store Numbers & Enter Name using STA (Station) Soft Keys

(Not available on 2 Button Terminal)

To Program

- Press **STA** Soft Key.
- Press **ENTRY** Soft Key.
- Select **NAME** Soft Key and enter name using key pad.
- Press **Set** Soft Key.
- Select **NUMBER** Soft Key and enter number using key pad.
- Press **Set** Soft Key.
- Press **OK** Soft Key then press **Exit** button to return to general display.

SET
4:26 PM TUE 13 APR 2004

To Access

- Press **STA** Soft Key.
- Press **Next** or **Prev** Soft Key until you reach desired number.
- Lift handset or press **Speaker**.

To Store Numbers & Enter Name using Menu Button

(Not available on 2 Button Terminal)

To Program

- Press **Menu** button.
- Scroll down using **Cursor** until the Directory option is highlighted then press the **OK** Soft Key.
- Select **Personal** option and press the **OK** Soft key.
- Press **ENTRY** Soft Key.
- Select **NAME** Soft Key and enter name using key pad.
- Press **Set** Soft Key.
- Select **NUMBER** Soft Key and enter number using key pad.
- Press **Set** Soft Key.
- Press **OK** Soft Key then press **Exit** button to return to general display.

SET

4:26 PM TUE 13 APR 2004

To Access

- Press **Menu** button.
- Select **Directory** option and press the **OK** Soft Key.
- Select **Personal** option and press the **OK** Soft Key.
- Press **Next** or **Prev** Soft Key until you reach desired number.
- Lift handset or press **Speaker**.

To Delete or Modify (STA or Menu)

Either override existing entry with new details or select the **DEL** (delete) option if applicable.

To Access System Speed Numbers

(Company Directory)

Option 1 (Available for all terminals)

- Lift handset or press **Speaker**.
- Dial Speed Dialing Access Code.
- Enter Abbreviated Access Call Code (e.g. 001).

Option 2 (Not available on 2 Button Terminal)

- Press **SYS** Soft Key.
- Either press **Next** or **Prev** Soft Key until you reach desired number and lift handset or press **Speaker**.

or

- Enter up to, the first four characters of a name using the key pad.
- Press the **Next** or **Prev** Soft Key until you reach your desired number and lift handset or press **Speaker**.

Note: *Station and Menu Storage buffer is allocated by the system administrator.*

• **Alphabetic character (Uppercase)**

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

Account Code

To enter

- Lift handset or press **Speaker**, receive dial tone.
- Enter feature access code, receive service set tone.
- Enter "Account Code" (up to 16 digits). **(Note)**
- Receive dial tone and dial desired number.

To enter account code after authorization code

- Lift handset or press **Speaker**, receive dial tone.
- Enter feature access code for "Authorization Code", receive service set tone.
- Enter "Authorization Code", receive second service set tone.
- Enter "Account Code", receive dial tone, and dial desired number.

Note: *Authorization and Account Codes may be up to 20 digits combined (or 34 digits combined).*

Forced Account Code

- Lift handset or press **Speaker**, receive dial tone.
- Enter feature access code, receive service set tone.
- Enter "Forced Account Code" (up to 10 digits), receive dial tone.

Authorization Code

To enter without account code

- Lift handset or press **Speaker**, receive dial tone.
- Enter feature access code, receive service set tone.
- Enter "Authorization Code" (up to 16 digits).
- Receive dial tone, dial desired number.

Voice First/Tone First

Allows incoming station calls to your Dterm to either ring or go to voice announcement.

- Press Speaker key. Receive dial tone.
- Dial Voice/Tone access code, LED display shows current mode receives feature dial tone.

VOICE
4:26 PM TUE 12 FEB 2008

- Press *, LED display shows mode change, receive feature set tone.

TONE
4:26 PM TUE 12 FEB 2008

Note: Each time * is pressed, you alternate between *TONE* and *VOICE*.

Originating a Voice Call

- Lift handset.
- Dial desired station number.
- Press **Voice** or press 1.

VCL	2000
4:26 PM	TUE 12 APR 2008

- Speak to called party.

Answer a Voice Call Hands Free

- Receive incoming Voice Call.
- Press the **MIC** Key. LED lights.
- Respond hands-free.

Note: *If privacy is required, lift handset.*

Automatic Intercom

Note: Access to feature is based on data assignment.

To initiate

- Lift handset or press **Speaker** key.
- Press the **AICM** key.
- Tone burst is sent.

Called party

ICM	2001
4:26 PM	TUE 12 FEB 2008

To answer

- AICM** key flashes green indicating an incoming intercom call.

Calling party

ICM	2001
4:26 PM	TUE 12 FEB 2008

- Voice Call alert tone is heard.
- Press **AICM**, lift handset or press **Speaker**. LED lights solid green.

Manual Intercom

To initiate

- Lift handset or press **Speaker**, press **MICM**, ringback tone is heard.

Called party

ICM	2000
4:26 PM	TUE 12 FEB 2008

- Each press of **MICM** key sends tone bursts.

To answer

- MICM** key flashes, indicating an incoming call. Ring tone may also be heard.

Calling party

ICM	2001
4:26 PM	TUE 12 FEB 2008

- Press **MICM**.
- Lift handset or press **Speaker**, LED lights solid green.
- If called station is engaged in a non-intercom call, the station may press **MICM** after placing original caller on hold (with **Hold** key).

Dial Intercom

To initiate

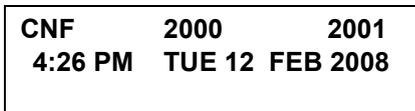
- Lift handset or press the **Speaker** key.
- Press **DICM** key.
- Dial desired intercom station number (0-9). Tone burst is sent. (Press 1 to change to ring tone signal.)

To answer

- DICM** LED flashes, indicating an incoming intercom call. Tone burst or ring tone is heard.
- Press **DICM**.
- Lift handset or press **Speaker**. LCD shows solid green.

Conference

- With call in progress, ask party to hold.
- Press **Transfer**, receive interrupted dial tone.
- Dial desired number.
- After call is answered, press **Conf** key. **Conf** LED lights.
- Three-way conference is established.



- If one party hangs up, other two remain connected. **Conf** LED goes out.

To Establish a Broker Call

- While engaged in a call and wishing to consult a third party, press **Transfer**. Caller is automatically placed on hold.
- Dial desired party to consult.
- Press **Transfer** to return to original caller. Third party is automatically placed on hold.
- By repeating these steps, it is possible to alternate between calls.

Note: *The display indicates connected station or trunk at any given time.*

Call Back (Station)

- Lift handset or press **Speaker**.
- Dial desired station number and receive busy tone or ring back tone.
- Press **Call Back** or dial access code and receive service set tone.
- Restore handset.
- When busy station becomes idle or the station that did not answer initiates or answers a call or accesses a feature and then becomes idle, the setting station is alerted by ring and flashing LED.

To Answer a Camped-On Call

- While engaged in a call, receive the camp-on indication (one short tone burst). **Answer** LED flashes.

Outside Line	Outside Line	
Type	Number	
CMP	WATS	3
4:26 PM	TUE 12 FEB 2008	

- Press **Answer** key. Call in progress is placed on hold.
- Connection to camped-on call is established.
- Press **Answer** to return to original call. Camped-on call is placed on hold.
- Repeating depression of the **Answer** key allows you to alternate between calls. Display indicates connected station or trunk at any given time.

To Set a Camp-On (Transfer Method)

- With call in progress, ask party to hold. Depress **Transfer** button, feature dial tone is heard.
- Dial desired station number and receive busy tone.
- Dial **4** and receive service set tone. Camp-on tone (2 tone bursts) is sent to busy station.
- Restore handset.

Camp-On (Call Waiting Method)

An extension you have dialed is busy and you wish to wait on.

To Activate Call Waiting

Outside Line	Outside Line	
Type	Number	
BUSY	2000	
4:26 PM	TUE 12 FEB 2008	

- Press **Transfer** key.
- Either dial Call Waiting access code or press the **CW** Soft key.

The busy extension will be notified, by a double tone, the flashing **Answer** key, or if the phone has a display they will also see 'Call Waiting'.

To Answer Call Waiting

Called station
number

CW SET	2000
4:26 PM	TUE 12 FEB 2008

- Busy extension asks current call to 'hold the line' and presses **Answer** key.
- To alternate between calls press **Answer** key.
- When finished with one party, hang up and your telephone will recall with the other party.

CW	2001
4:26 PM	TUE 12 FEB 2008

Note: Station 2000 can alternate between the two parties by pressing *Answer* button.

Call Park (System)

To Park A Call From Terminal With LCD

- While connected to a station or trunk, press Transfer key and dial the **Call Park** access code, or press Call Park key. Display shows HLD=(park location number nn=00-19).
- Restore handset.

Parked station
or trunk

HLD=nn	2000
4:26 PM	TUE 12 FEB 2008

To Park A Call From Terminal Without LCD

- While call in progress, press **Transfer** key and dial the Call Park access code, or press Call Park key.
- Dial Call Park location number (00-19) and receive service set tone. (If park location is busy, dial the next location number.)
- Restore handset.

To Retrieve A Parked Call

- Dial Call Park access code and parked call location number (00-19).
- Station users connected to parked call.

Call Pickup (Group)

When Station Within Pickup Group Rings

- Lift handset.
- Press **Call Pickup** key or dial Call Pickup access code (may be stored on-one-touch speed calling key).

Called
station

Calling
party

PCK	2000	2001
4:26 PM	TUE 12	FEB 2008

- Connection to calling party is established.

Call Pickup (Direct)

- Lift handset.
- Press Call Pickup Direct key or dial Call Pickup Direct access code (may be stored on one-touch key).

	Called station	Calling party
PCK	2000	2001
4:26 PM	TUE 12	FEB 2008

- Dial extension number to be picked up.
- Connection to calling party is established.

Outside Line Queuing (From Extension Dial Tone)

If Outside Line is Busy

- Press **Speaker** key or lift handset dial outgoing access code (e.g. **0**).
- Press Call Pickup Direct key or dial Call Pickup Direct access code (may be stored on one-touch key).

SET
4:26 PM TUE 12 FEB 2008

- Receive a Busy indication. Press **Call Back** key. Call is placed in queue for next available Outside Line.
- Replace handset.
- When OUtside Line is available, setting station is alerted by ringing and flashing red LED.

- Press **Speaker** key or lift handset. Dial tone is heard. Dial desired number. (No outgoing access code needed.)

Timed Queuing (Outside Line Only)

- Press **Speaker** key, receive dial tone.
- Dial **Outside Line** access code and desired number.
- Receive busy tone or ring no answer from distant end.
- Press **Call Back** key, LED flashes, leave speaker on.
- The desired number is automatically redialed.
- Pick up handset and converse.

Note: *When station is in Timed Queue mode callers receive busy indication.*

Executive Override

If Called Station is Busy

- Press **Override** key and converse.

	Override station	Overridden
OVR	2000	2001
4:26 PM	TUE 12	FEB 2008

Note: *Interrupted parties receive a waning tone.*

Last Number Redial

To Recall the Last Number Dialed

- Press **Redial**. Receive special dial tone.

REDIAL[#]/SPEED[]	-1
	2001

Last number dialed

- Press **#**. The number dialed will be redialed and displayed.

REDIAL[#]/SPEED[]	-1
	2001

Last number dialed

Note: *Each time the Redial key is pressed the numbers dialed for the last five calls are displayed sequentially.*

Call Forwarding - All Calls

To Set

- Press **Speaker** key. Receive dial tone.
- Press **FD-A** key or dial Call Forward-All access code. Receive special dial tone.
- Dial destination station or outside telephone number. Receive service set tone
- FD-A** LED lights (at your station if FD-A key was used).
- Press **Speaker** key. Call Forwarding for all calls is set.

Forwarding
station

FWD	2000
4:26 PM	TUE 12 FEB 2008

To Verify (With Multi-line Phone)

- Press **Speaker** key. Receive extension dial tone.
- Press **FD-A** key or dial Call Forward-All access code.
- Display indicates the station number calls are forwarded to.

FWD	2000
4:26 PM	TUE 12 FEB 2008

To Cancel

- Press **Speaker** key. Receive dial tone.

CNCL	
4:26 PM	TUE 12 FEB 2008

- Press **FD-A** key plus * or dial Call Forward - All cancel code. Receive serve set tone. LED goes out at your station (or the phone of the sub line station).
- Press **Speaker** key.

Call Forwarding - Busy

To Set

- Press **Speaker**. Receive dial tone.
- Press **FDB** key or dial Call Forward Busy access code. Receive special dial tone.
- Dial destination station or external telephone number. Receive service set tone.
- FD-B** LED lights (at your station or at the phone of the sub line station you are setting).
- Press **Speaker**. Call Forward Busy is set.

SET	2000
4:26 PM	TUE 12 FEB 2008

To Verify (with Display Phone)

- Press **Speaker** key. Receive dial tone.
- Press **FD-B** or dial Call Forward Busy access code.
- Display indicates the station number calls are forwarded to.

Destination station

SET	2000
4:26 PM	TUE 12 FEB 2008

To Cancel

- Press **Speaker**. Receive dial tone.
- Press **FD-B** key plus * or dial Call Forward Busy cancel code. Receive service set tone. LED goes out at your station.

CNCL	2000
4:26 PM	TUE 12 FEB 2008

Press **Speaker**. Call Forwarding is cancelled.

Call Forwarding - No Answer

To Set

- Press **Speaker**. Receive dial tone.
- Press **FD-N** or dial Call Forward No Answer access code. Receive special dial tone.
- Dial destination station or external telephone number. Receive service set tone.
- FD-N** LED lights (at your station if FD-N key was used).
- Press **Speaker** key. Call Forward No Answer is set.

SET	2000
4:26 PM	TUE 12 FEB 2008

To Verify

- Press **Speaker** key. Receive extension dial tone.
- Press **FD-N** key or dial Call Forward No Answer access code.
- Display indicates destination number of call forward.

Forwarding station

FWD	2000
4:26 PM	TUE 12 FEB 2008

Note: *Call Forwarding for Busy Line and No Answer may be combined depending upon system programming.*

Call Forwarding Destination

To Set

- Press **Speaker** key. Receive dial tone.
- Press **FD-DS** key or dial Call Forward Destination access code. Receive special dial tone.

SET 2000 4:26 PM TUE 12 FEB 2008

- Dial station number to be forwarded to this line. Wait for service set tone.

To Cancel

- Press **Speaker**. Receive dial tone.
- Press **FD-DC** key or dial Call Forward Destination cancel code.

CNCL 4:26 PM TUE 12 FEB 2008

- Dial station number to cancel.
- Press **Speaker** key. Call Forward Destination is cancelled.

To Save and Repeat a Number

To Save

- Press **Speaker**.key.
- Dial desired telephone number.
- Press **S&R** key. Dialed number is now stored. **S&R** LED lights.

To Repeat

- Press **Speaker**.
- Press **S&R** key. Phone automatically redials the programmed number.
- S&R** automatically canceled. LED goes out.

Note: *If saved number is busy or no answer is received, to save it again, press **S&R** key again before hanging up.*

Internal Zone Paging with Meet-Me Page

This allows a system user to page over built-in speaker or multi-line phone within the assigned zone or all zones.

Example: Station A can page Station B. When Station B dials answer code, they are connected.

To Page (Station A)

- Lift Handset. Receive dial tone.
- Dial Internal Paging access code for desired zone or all zones or press key assigned for desired zone or all zones.

PAGING
4:26 PM TUE 12 FEB 2008

- Page station B.
- Remain off hook.

To Answer (Station B)

- Station B dials Meet-Me answer code, and they are immediately connected.

Paging station
2000
4:26 PM TUE 12 FEB 2008

Note: *Access to this feature is based on data assignment.*

Boss/Secretary Calling

Secretary

- Lift handset, press boss' ringing line. Ask calling party to hold.

Calling party
2001
4:26 PM TUE 12 FEB 2008

- Press boss' line again. Voice Call is automatically established to boss' extension.
- Announce the call to the boss.

If Boss Accepts Call

- Secretary replaces handset.

Boss and secretary station each display the other's number

2000
4:26 PM TUE 12 FEB 2008

- Boss lifts handset, presses flashing line.

If Boss Refuses Call

- Secretary presses **Transfer** key to return to calling party.

Note: *Access to this feature is based on data assignment.*

Boss/Secretary Override

Example: Station 2000 is boss, Station 2001 is secretary. Boss is connected to 2003. Incoming call on outside line connects to secretary, but is intended for boss.

Secretary

- Lift handset to answer Outside line, ask caller to hold.

Boss' station
number

CW	2000
4:26 PM	TUE 12 FEB 2008

- Press Boss' line. Outside line is placed on hold; Boss hears burst of tone and Boss' **Answer** key flashes.

Boss

- Hears bursts of tone, Answer key flashes. LCD display indicates:

Secretary's station
number

CW	2001
4:26 PM	TUE 12 FEB 2008

Option 1

- Boss presses **Answer** and converses with secretary. Outside line is placed on hold.
- Secretary hangs up. Boss is connected to Outside line.

- Boss can alternate between the two parties by pressing **Answer**.

Option 2

- Boss does not respond to burst of tone, secretary presses **Transfer** key.
- Secretary is connected to the Outside line.

Option 3

- Boss presses **Answer** and converses with Secretary. Outside line is placed on hold.
- Secretary is returned to Outside line.
- Boss can alternate between the two parties by pressing **Answer**.

Do Not Disturb

- Press **Speaker** key, Receive dial tone.
- Press **DND** key or dial DND access code.

SET
4:26 PM TUE 12 FEB 2008

To Cancel

- Press **Speaker key, Receive dial tone**.
- Press **DND** key or dial DND cancel code.

CNCL
4:26 PM TUE 12 FEB 2008

Note: *When key is used the LED will light when DND is active.*

Return Message Schedule

Note: *With Display phone, this feature allows station user to register a return schedule when leaving the office and have the schedule display on the calling phone LCD.*

To Set

- Station Speaker. Receive dial tone.
- Dial Return Schedule access code.
- Dial the number corresponding to desired message.

Dial	Message	
0	IN:BACK	HH:MM
1	OUT:BACK	HH:MM
2	AWAY:BACK	MM:DD
3	VACATION	MM:DD

- If 0 or 1: dial desired military time.

IN:BACK **0900**
4:26 PM **TUE 12 FEB 2008**

- If 2 or 3: dial month and day.
 Example: June 24=0624.

AWAY:BACK **0900**
4:26 PM **TUE 12 FEB 2008**

- Receive dial tone.
- Press **Speaker** key.

To Cancel

- Press **Speaker** key, receive dial tone.
- Dial Return message schedule cancel code.

CNCL
4:26 PM **TUE 12 FEB 2008**

- Receive set tone.
- Press **Speaker** key.

Note: *Access to feature is based on data assignment.*

Name Display (Administrator)

Note: Requires Display Phone

A name with up to 16 characters can be entered to display the name on other Dterm telephones when making a call.

- Press **Speaker** key. Receive set tone.
- Dial the Name Assignment access code and receive special dial tone.
- Using the keypad, depress the key with the desired letter to display the first letter on the key. The display will indicate the numerical designation. Subsequent depressions will advance through the letters on that key. The Dial Pad Key Table below can be used as a guide to indicate the key and the number of depressions required to display, letters, spaces and periods.

DIAL PAD KEY												
	1	2	3	4	5	6	7	8	9	0	*	#
1	1	2	3	4	5	6	7	8	9	0	*	#
2	-	A	D	G	J	M	P	T	W		*	#
3	-	B	E	H	K	N	Q	U	X		*	#
4	-	C	F	I	L	O	R	V	Y		*	#
5	-						S		Z		*	#

- When the desired letter is displayed, depression of the Transfer key will change the letter to a lower case letter (default is upper case). Depress the Hold key to enter that letter and advance to the next entry.
- Repeat the previous two steps until the desired name is displayed and entered.
- Press Speaker key.

For example, to enter "Paul".

7	7	HOLD	2	2	TRF	HOLD
8	8	8	TRF	HOLD		
5	5	5	5	TRF	HOLD	

Note: When adding/changing/deleting name display for an extension that appears on a key of a 16LD phone a reset of the 16 LD phone is required and can be accomplished by an unplug/plug-in of the phone. For the 16LD phone using one of the line keys as speed dial will only display 8 characters; For a name the first 7 characters plus * for names longer than 8 characters and the * plus last 7 digits of a number longer than 8 digits.

Example: name display programmed is ABCDEFGHI button will show ABCDEFG*. Number display programmed is 123456789 button will show *3456789.

Whisper Page

To Initiate

Option 1

- Lift handset or press **Speaker** key.
- Dial desired station number.
- Receive Busy Tone press **Transfer** key.
- Dial Whisper Page access code or press Whisper Page Feature Key.
- Tone is heard, Listen to conversation and speak to station only.

Option 2

- Lift handset or press **Speaker** key.
- Dial Whisper Page access code or press Whisper Page Feature Key.
- Receive Feature dial tone.
- Dial desired station number.
- Tone is heard, Listen to conversation and speak to station only.

To Answer

- Press **Answer** key. Call in progress is placed on hold.
- Hold tone source is not transmitted and to the original party.
- Calling station and called station can privately speak.
- Press Answer key to return to original call.

Note: Access to feature is based on data assignment.

System Clock Setup By Station Dialing (Administrator)

- Press **Speaker** key or lift handset. Receive dial tone.
- Press **System Clock Setup** key or feature access code.
- Dial new time in 24 hr. format using 6 digits (HHMMSS).
- Receive service set tone, replace handset or press **Speaker** key.

Note: Access to feature is based on data assignment.

Day/Night Mode Change By Station Dialing (Administrator)

- Press **Speaker** key or lift handset. Receive dial tone.
- Press Day/Night Mode key or feature access code.
- Dial 1 for Day/2 for Night/3 for Mode-a or 4 for Mode-B.
- Replace handset or press **Speaker** key.

Note: Access to feature is based on data assignment. If a key is used lamp indication will be:

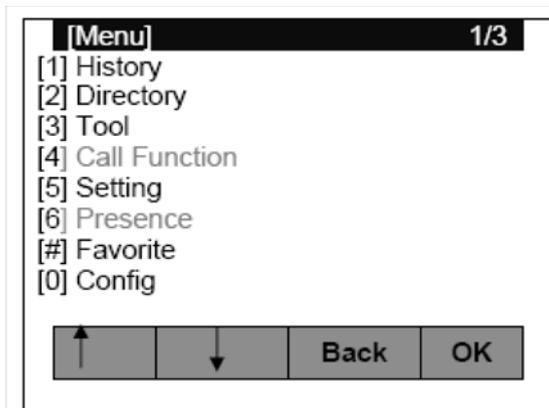
Night Mode = Red lamp on

Mode-A = Red lamp flashing (60 ipm)

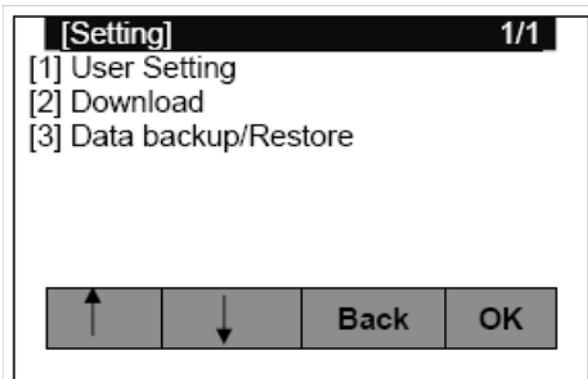
Mode-B = Red lamp flashing (120 ipm)

To Change Security Password (DT700 only)

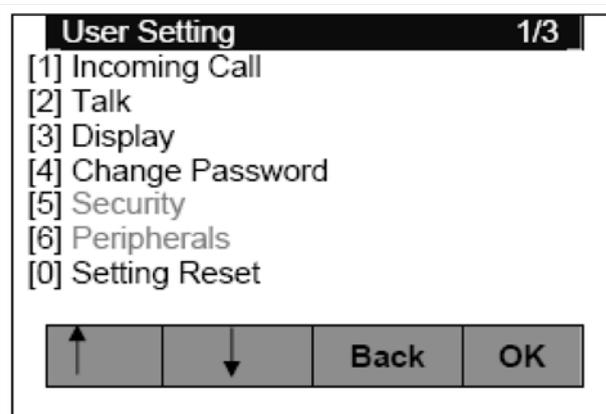
- Press Menu Key
- Display reads:



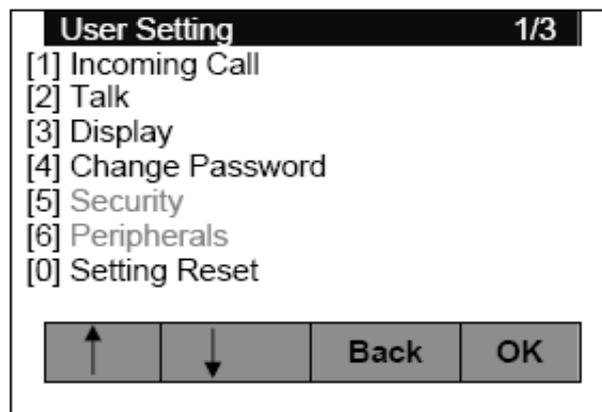
- Using Up/Down arrows scroll down to [5]
- Press [5] for setting, then **OK**



- Press [1] for User Setting, then **OK**



- Using Up/Down arrows scroll down to [4]
- Press [4] for change password, then **OK**



- Enter default password 0000
- Press **Set**, then enter **New Password**
- Press **Set**, then enter the new password again
- Press **Set**

- Press **OK**
- Display reads:

- Press **OK**
- Press **Back** three times to exit menu option

Directory Operation

This allows the user to access and program station speed dials

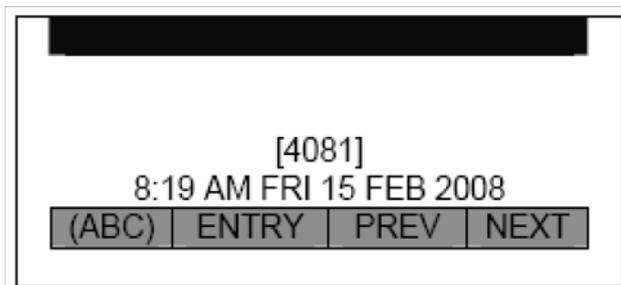
- Press **Menu** key
- Display reads:

- Press **[2]** for Directory

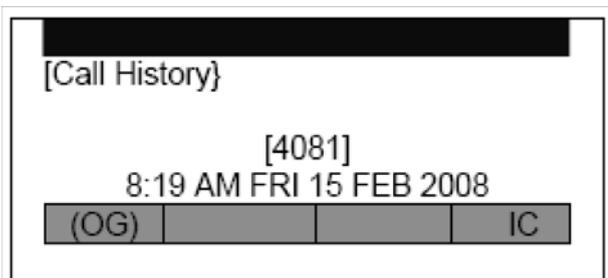
Programming of station speed dial memory is required in the PBX. Access/operation is the same.

History Operation

- Press **HIST** (History) Soft Key



- Display reads:



- Press **OG** (to view Outgoing calls) or press **IC** (to view Incoming calls)

Programming is required in the PBX.

Quick Reference Guide

Account Code	Entry	* #
Assignment of Name Display		# 8
Automatic Call Back	Access Cancel	* 0 # 0
Call Forwarding – All Calls	Access Cancel	* 1 # 1
Call Forwarding – Busy	Access Cancel	* 3 # 3
Call Forwarding – Destination	Entry Cancel	* 4 # 4
Call Forwarding – No Answer/ Busy Line	Entry Cancel	* 2 # 2
Call Hold		* 7
Call Pickup – Designated	Group	75
Call Pickup Direct		# #
Call Pickup – Group		* *
Do Not Disturb/Return Schedule	Cancel	# 5
Internal Zone Paging Group 0	Page	50
Group 1		51
Group 2		52
Group 3		53
Group 4		54
Internal Zone Paging Group 0	Answer	55
Group 1		56
Group 2		57
Group 3		58
Group 4		59
Last Number Redial		# 9

Message Waiting Lamp	Access Cancel	# * 8 # * 9
Message Waiting Lamp/Reminder	Search	* 9
Operator Call		9
Outside Line		0
Return Schedule	Access	* 5
Station Speed Dialing	Originate Entry	7 # 7
System Speed Dialing	Originate	5
UCD Busy Out	Access Cancel	* 6 # 6
Voice Recording Memory Card Access	Record Replay Delete	# * 0 # * 1 # * 2

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NDA-30910

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