



NEC

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ISSUE 1.0

UNIVERGE Terminal DT300 Series

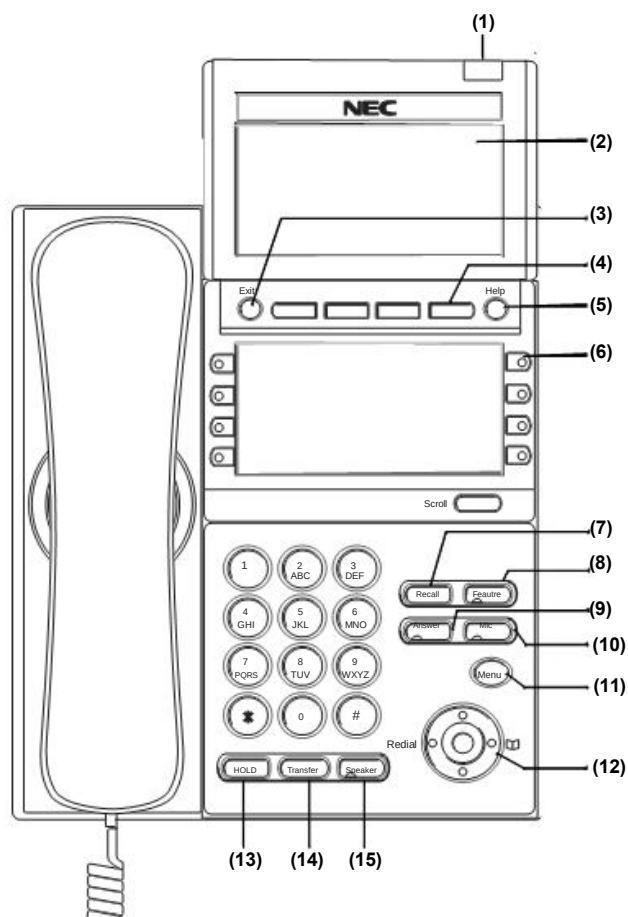
USER'S GUIDE

**NEC Infrontia Corporation
2008 July**

KEYS AND PARTS

• KEYS AND PARTS ON DTL-8LD-1

Here, explanations are given by taking DTL-8LD-1 as an example.



(1) Call Indicator Lamp

Lamp at top corner of DT Series 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.

(2) LCD

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

(3) Exit

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

(4) 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.

(5) Help

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

(6) Programmable Keys

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

When 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 to the Telephony Server Administrator.

(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 is lit, press key to answer a waiting call. **N/A**

(10) Mic

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

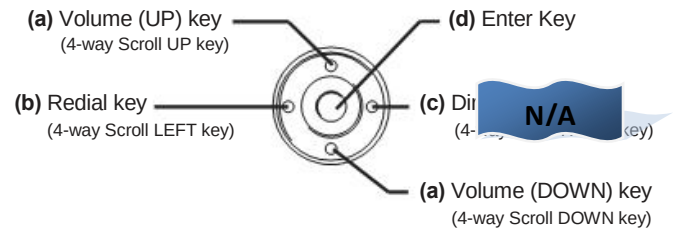
(11) Menu

To access the local menu of DT310/DT330, such as Call History, Directory or Terminal Setting.

(12) Cursor

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

Details on Cursor key



(a) Up/Down

(V DOWN ^ UP)

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

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

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

(d) Enter

DT330 Series has shortcut menu for frequently-used features. Use this key to display the short-cut menu (see [SHORTCUT MENU](#)) and determine the selected item in the menu.

Also, this key is used as cursor-movement key on the Menu screen.

	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 that corresponds to the highlighted menu item.
	Enter	Go to the screen that corresponds to the highlighted menu item.

(13)Hold

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

(14)Transfer

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

(15)Speaker

Controls the built-in speaker which can be used for Hands Free dialing/monitoring.

LED on key lights when key is active.

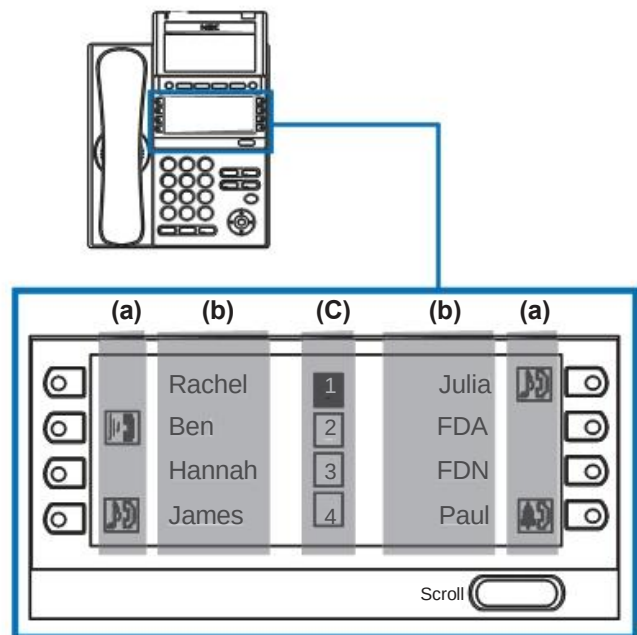
* All TDM enabled versions are half duplex hands-free mode.

8LD Display (only for DTL-8LD-1)

32 (8 keys x 4 pages) additional programmable keys (Flexible Line/Programmable Feature key) are provided. Also, information set to each programmable key is displayed on 8LD display. For setting of the programmable key, contact Telephony Server Administrator.

When 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 (see [TO ORIGINATE A CALL USING SPEED CALLING \(ONE-TOUCH SPEED CALLING KEYS\)](#) and [TO REGISTER NAME ON ONE-TOUCH SPEED CALLING KEY](#)).

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



(a) 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	

User's Status	Icon	Flashing Pattern
• Call Hold (Individual Hold/Individual Hold on Call Park Group)		Blink (The icon will blink 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		
• During Conversation (Individual Use)		Steady Lit
• Call Transfer		
• Conference		
• During Conversation (Other Party Use)		
• Active Feature (Under a setting of feature key like a "Call Forwarding")		

(b) Programmable Key Information

Programmable Key Information displays the following.

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

Feature Key	- Feature Name	6 digits
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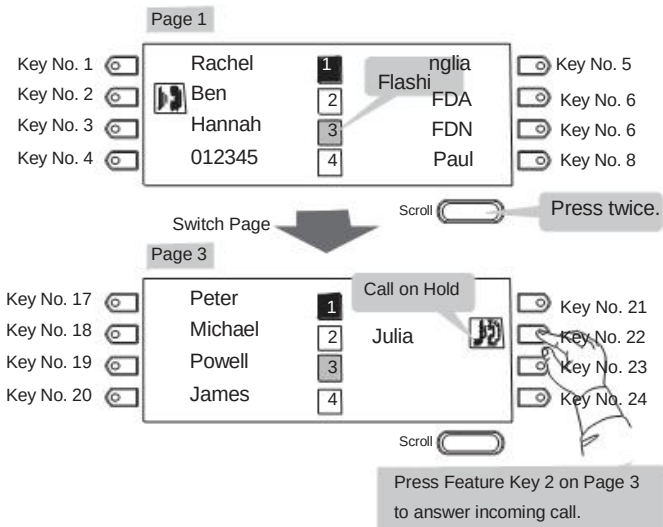
(c) Page Icon

8LD display has four pages (8 programmable keys per page). Page Icon key indicates currently displayed page. The user can switch the programmable key display from page 1 to 4 by using **Scroll** key.

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

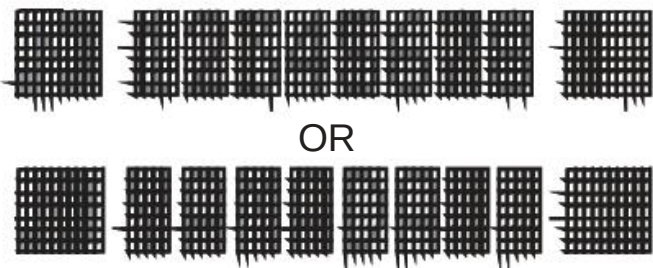
Note: The icon flashes during events such as call termination to a line key or call back.

Example: Page Turning by Scroll Key



Note: 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.

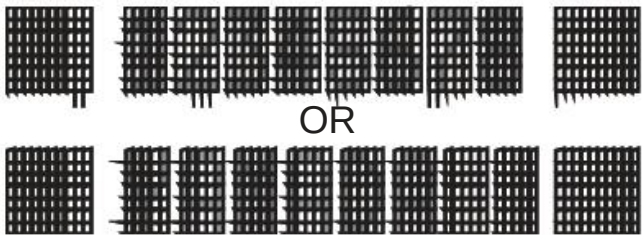
The following shows LCD indication of Programmable keys.



Appropriate icons are displayed according to the feature. These displays cannot be changed by user.

The following shows each LCD indication when One-Touch Speed Dial key is set to Programmable key.

When Station line/Trunk line are assigned.



No icons are displayed.
* Users can register name on each One-Touch Speed Dial key. For the procedures, see [TO REGISTER NAME ON ONE-TOUCH SPEED CALLING KEY](#).

When any features using feature access code are assigned.



Icons turn black.
* Users can register name on each One-Touch Speed Dial key. For the procedures, see [TO REGISTER NAME ON ONE-TOUCH SPEED CALLING KEY](#).

(3) **Scroll Key**

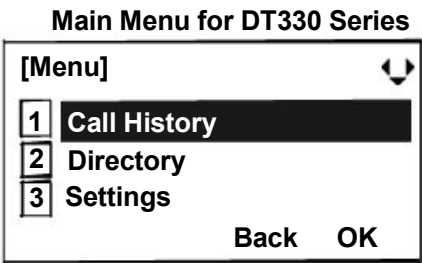
This key is used to turn over the page of 8LD display.

MENU KEY

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

To Display Menu List

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



Menu Item	Description
1 Call History	To view Call History. For details, see 6.1FOR DT330 SERIES in chapter 6 Call History Operation.
2 Directory	To use Phonebook function. For details, see PHONEBOOK in chapter 5.
3 Setting	To set up the terminal such as ringing volume control, LCD display setting and download of Music on Hold. For details, see SETUP WITH MENU KEY FOR DT300 SERIES .

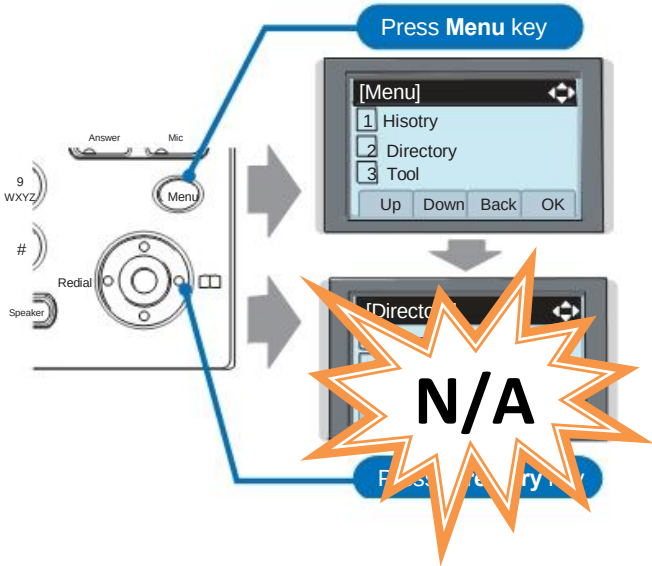
Note: DTL-6DE-1/DTL-2E-1 does not have Menu key.

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 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.



ICON DISPLAY

The LCD of DT330 Series displays Desktop Icons which provide notification when events (such as missed call and voice mail) occur.



Feature	Icon	Description
Missed Call		This icon appears when there is a missed call. Once the user has checked the missed call, this icon will disappear.
Voice Mail		This icon provides notification of incoming Voice Mail. Once the user has checked the mail, this icon will disappear.
Cursor		This icon indicates the currently available direction of the Cursor key.

SHORTCUT MENU

As shown in the figure below, DT330 Series has Shortcut Menu for frequently-used features. The user can access to Shortcut Menu by pressing  (**Enter**) key.



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

Shortcut Menu includes the following features.

Note: Unavailable Menu items are grayed out.

Shortcut Menu for DT330 Series

Feature	Description
 Missed Calls	Access to history of Missed Call.
 Voice Mail	Access to history of incoming Voice Mail.
 Bluetooth	Currently Not Used (grayed out).

PROGRAMMABLE FEATURE KEYS

These are examples of DT Series features available by pressing the programmable keys. Some features using feature access code may be programmed by the user. Others must be programmed by the telephone system administrator.

AICM:

Press key to activate or cancel "Call Forwarding - All Calls" feature.

DN:

Press key to activate or cancel "Call Forwarding - Busy Line" feature.

DN:

Press key to activate or cancel "Call Forwarding - Busy Line" feature.

FDA:

Press key to activate or cancel "Call Forwarding - All Calls" feature.

FDN:

Press key to activate, verify or cancel "Call Forwarding - Busy Line" feature.

SPD:

One Touch Speed Calling.

MW-SET:

Press key to leave message indication on boss' station.

MW:

Press key to leave message indication on boss' station.

S&H:

Press key to activate or cancel "Call Forwarding - Busy Line" feature.

SP:

Press key to activate or cancel "Call Forwarding - Busy Line" feature.

NAME:

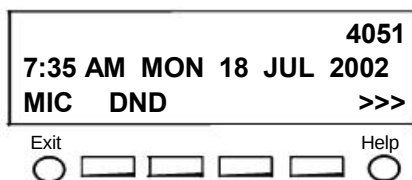
Press key to activate or cancel "Call Forwarding - Busy Line" feature.

Speed Calling

Press key to activate or cancel "Call Forwarding - Busy Line" feature.

SOFT KEYS

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



Note: Soft Key function is available for the terminals with LCD.

Exit Key

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

Help Key

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

MIC (Microphone)

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

Default Displays for Each Status

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

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

IDLE



DIAL TONE/DIALING

(1)

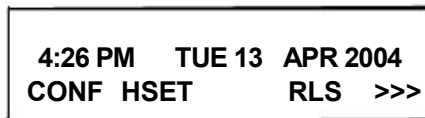


Push >>>

(2)



RINGING



The following shows the default display patterns of main features.

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.

MIC (Microphone On/Off)

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

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.

Soft Key Features

When the Soft Key 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 Soft Key pattern.

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

N/A

MWSET (Message Waiting - Set)

Allows a station to set a Message Waiting indication lamp.

HOLD (Call Hold)

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

MWOFF (Message Waiting Off)

Allows a station to cancel a Message Waiting indication lamp.

FDB (Call Forward)

Permits a station to forward a call to a predetermined extension.

FDA (Call Forward All)

Permits all calls to a station to be forwarded to another extension, regardless of the status of the called extension.

FDL (Call Forward Long)

Permits a station to forward a call to an extension outside the group, or to a number in long distance.

S-SPD (Speed Calling)

Allows a station user to dial extension numbers using fewer digits than would normally be required.

CAS (Call Answer Speed)

Allows a station user to answer a call outside trunk.

UCDBO (UCD Busy Out)

Allows a station user to block incoming calls and to cancel the block.

Busy Out.

FLASH (Flash Hook)

Provides a means of signaling a switchhook flash.

Answer Forward

Permits a station user to answer a call and have it be forwarded to another extension if the station does not answer within a specified time.

Common Speed Calling in the group.

Line button already registered.

to the station line.

For users, entering a number into the system.

Button Forward

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

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 is rung as soon as the busy station becomes available.

SIG (Manual Signaling)

Permits station users to transfer a call to a predetermined station. If the call is transferred from another call, the transfer is automatic.

CKE (Call Key)

Allows a station user to answer all incoming calls from all internal extensions.

SCALL (Serial Call)

Allows the user to answer calls from external extensions in sequence.

IZ (Interzone)

Allows a station user to answer calls from all internal extensions of the designated zone.

IDCHG (Call Transfer)

Allows a station user to transfer a call to another station.

UPICK (Call Pickup)

Allows the user to answer a call from a specific station in the user's expanded call pickup list.

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 an existing two-party connection.

VIS (Visual Indication)

Allows a station user to indicate a status when a user is in a call. The status will be indicated on the screen. After recovering from a call, the status will reset to normal.

Remote MGC)

recover station ringing

se)
ous screen.

N/A

SETUP WITH UP/DOWN KEY

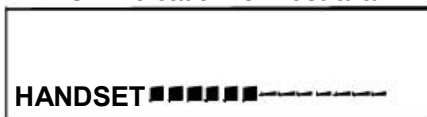
- **TO ADJUST HANDSET RECEIVER VOLUME** **DT300 Series**

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

LCD indication for North America, Latin America, Asia, Middle East and Russia



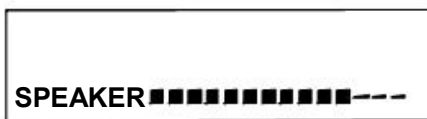
LCD indication for Australia



- **TO ADJUST SPEAKER VOLUME**

DT300 Series

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



- **TO ADJUST RINGER TONE**

DT300 Series

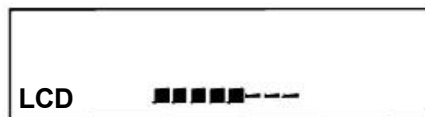
Press **Up/Down** ( or  / ) key during ringing.



- **TO ADJUST LCD CONTRAST**

DT300 Series

Press **Up/Down** ( or  / ) key in the on-hook status.



SETUP WITH FEATURE KEY

• **MICROPHONE ON/OFF** DT300 Series

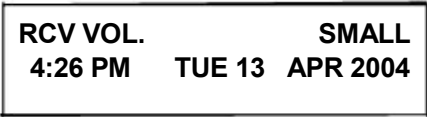
LED on Mic key shows the status of the built-in microphone.

- Press soft key associated with the MIC Display or press Feature and 1 key.

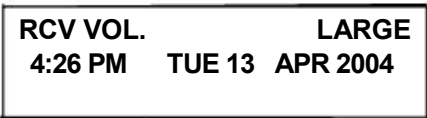
• **TO CHANGE HANDSET RECEIVER VOLUME** DT300 Series

Handset receiver volume can be changed.

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



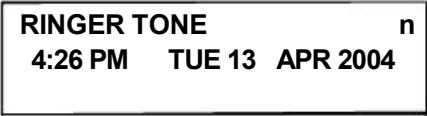
- Press Feature and 2 key to alternate between Large and Small volume.



• **TO SELECT RINGER TONE** DT300 Series

DT Series has 10 kinds of ringer tones that you can select.

- Press Feature and 3 key. The LCD displays the selected tone number (n=1 ~ 17).



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	

Note: Tone number 5, 6, 8~10 (Melody 1, 2, 4~6) will sound continuously.

• TO ADJUST TRANSMISSION/RECEIVING VOLUME **DT300 Series**

Handset volume can be changed.

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

T/R VOL.	SMALL
4:26 PM TUE 13 APR 2004	

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

T/R VOL.	LARGE
4:26 PM TUE 13 APR 2004	

• TO ACTIVATE HANDS-FREE **DT300 Series**

To set hands-free on:

- ☐ Press **Feature** and **5** key. The LCD displays:

HANDS FREE	ON
4:26 PM TUE 13 APR 2004	

To Set Hands-Free Off:

- ☐ Press **Feature** and **6** key. The LCD displays:

HANDS FREE	OFF
4:26 PM TUE 13 APR 2004	

• CALL INDICATOR LAMP ON/OFF

DT300 Series

The user can choose to turn the call indicator lamp either on or off during ringing.

- ☐ Press **Feature** and **7** key. The LCD displays:

INDICATOR	ON
4:26 PM TUE 13 APR 2004	
INDICATOR	OFF
4:26 PM TUE 13 APR 2004	

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

• DYNAMIC DIAL PAD ON/OFF

DT300 Series

The user can originate a call at first hand without lifting handset or pressing **Speaker** key.

- ☐ Press **Feature** and **8** key. The LCD displays:

Direct Dial Pad ON
4:26 PM TUE 13 APR 2004

Direct Dial Pad OFF
4:26 PM TUE 13 APR 2004

Note: When this feature is ON, the user may initiate a call by immediately dialing the number and the station will go hands-free off-hook automatically. Please note when the features on the following pages are used in conjunction with Dynamic Dial Pad, that the user does not have to press the Speaker key or lift the handset to receive dial tone.

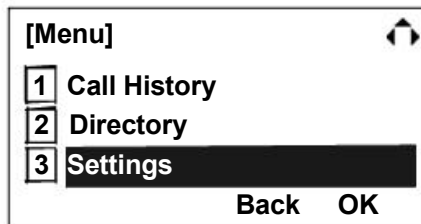
SETUP WITH MENU KEY FOR DT300 SERIES

• TO CHANGE RINGER TONE VOLUME DT300

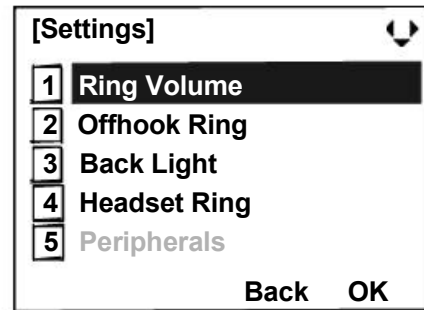
The procedure below shows how to change the volume of ringer tone.

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

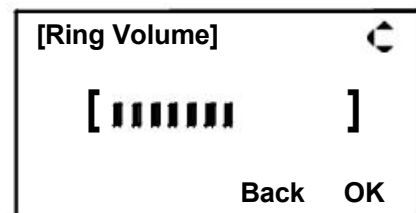
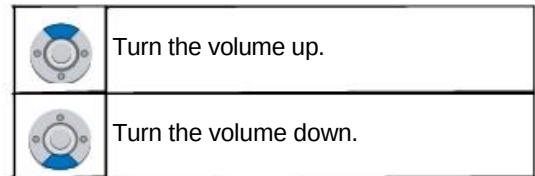
Select  **Setting** and then press  (**Enter**),  (**Right-cursor**) or **OK** soft key. (or press  key.)



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



- Ring Volume can be set in 13 levels (0 - 12). Adjust the ringer tone volume by using  key and then press  (**Enter**) or **OK** soft key.

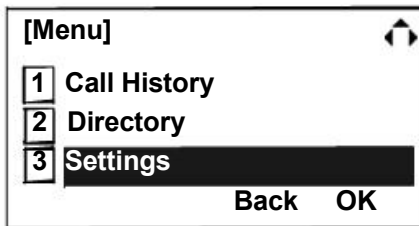


• TO ENABLE/DISABLE OFF-HOOK RINGING **DT300**

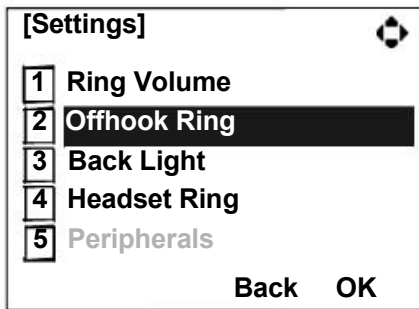
The procedure below shows how to

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

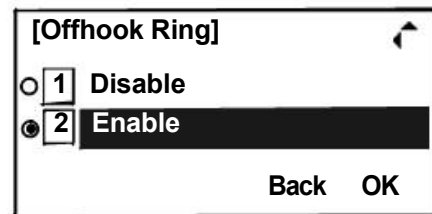
Select **3** **Setting** and then press  (**Enter**),  (**Right-cursor**) or **OK** soft key. (or press **3**  key.)



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



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



Note: Default setting is **2 Enable**.

Note: The currently enabled item is highlighted.

• TO ENABLE/DISABLE BACKLIGHT

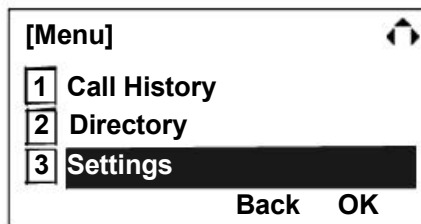
DT300

The following explains how to enable/disable the backlights of LCD and digit keys.

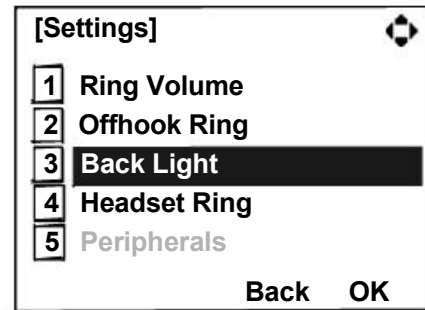
The backlights illuminate (for approximately 10 seconds) when the user presses any key or lift the handset.

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

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



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

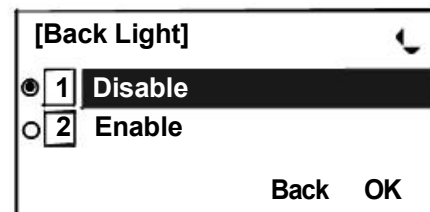


- ☐ Make a selection from the following list.

Menu Item	Meaning
1 Disable	Backlights of LCD and digit keys are disabled.
2 Enable	Backlights of LCD and digit keys are enabled.

Note: Default setting is **2 Enable**.

Note: The currently enabled item is highlighted.



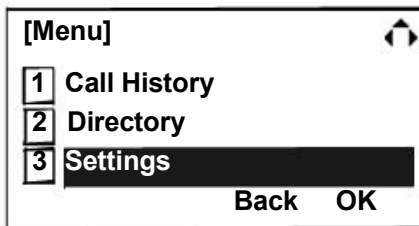
- ☐ After making a selection, press  (**Enter**) or **OK** soft key.

• TO SET RINGING OF HEADSET DT300

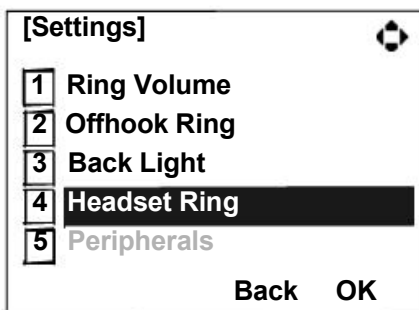
The procedure below shows how to enable/disable the ringing of headset.

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

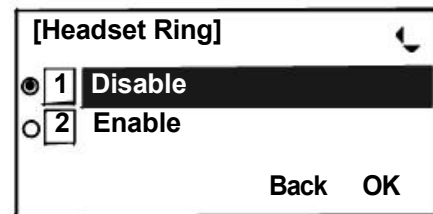
Select **3** **Setting** and then press  (**Enter**),  (**Right-cursor**) or **OK** soft key. (or press **3**  key.)



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



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



Note: Default setting is **1 Disable**.

Note: The currently enabled item is highlighted.

TO ORIGINATE AN OUTSIDE CALL

DT300 Series

- ☐ Lift handset or press  key, receive dial tone.
- ☐ Dial the Central Office access code, e.g. **9**.
- ☐ Dial desired telephone number.
- ☐ Use handset or MIC to start a conversation.

Display indicates:

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

TO ORIGINATE AN INTERNAL CALL

DT300 Series

- ☐ Lift handset or press  key.
- ☐ Receive dial tone.
- ☐ Dial desired station number. Display indicates digits dialed.
- ☐ Use handset or MIC to converse.

MULTILINE APPEARANCE DT300 Series

To Originate a Call

- ☐ Press the **MULTILINE APPEARANCE** feature key.
- ☐ Lift handset or press  key. Dial the Central Office access code (i.e.9).
- ☐ Dial the desired number.

To Answer a Call

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

TO HOLD A CALL **DT300 Series**

- ☐ Press **HOLD** key. Held line wink flashes.

Held station
number

HOLD	2001
4:26 PM TUE 13 APR 2004	

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 **DT300 Series**

- ☐ Press **HOLD** key twice. Line appearance indicates interrupted wink.

Held station
number

E_HOLD	2001
4:26 PM TUE 13 APR 2004	

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

To Retrieve

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

Transferred station
or trunk number

TRANSFER	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.

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.

Transferring station

TRANSFER 2000	DDD 3
4:26 PM	TUE 13 APR 2004

TO TRANSFER A CALL DT300 Series

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

TRANSFER
4:26 PM TUE 13 APR 2004

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

TO ORIGINATE A CALL USING SPEED CALLING (ONE-TOUCH SPEED CALLING KEYS) DT300 Series

- ☐ Press the desired **One-Touch Speed Calling** key, or press **Speaker** key and **One-Touch Speed Calling** key.

To Program

(Available only on DT Series with **One-Touch Speed Calling** key.) **(SPD)**

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

SPEED SET
4:26 PM TUE 13 APR 2004

To Verify

- ☐ Press **Feature** key.
- ☐ Press desired **One-Touch Speed Calling** key.

- ☐ Display indicates digits programmed.

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

Note: To program a pause, press the **Recall** key as any digit other than the first digit. (- displays on LCD.)

Note: To program a Voice Call, press **Transfer** key after dialing station number. (V displays on LCD.)

LCD Indication of 8LD Display

- Press the desired **One-Touch Speed Calling** key and originate a call.

Registered name will be displayed as follows. For the key to which no name information is registered, the character “SPD” will be displayed.

When registering Name Information of One-touch Speed Calling, the user can use uppercase alphabetic, uppercase European or lowercase European characters.

The following tables show available characters for **One-Touch Speed Calling** keys.

ALPHABETIC CHARACTER (UPPERCASE)

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

EUROPEAN CHARACTER (UPPERCASE)

Note: The shaded area indicates the characters which cannot be entered.

EUROPEAN CHARACTER (LOWERCASE)

DIGIT	1	2	3	4	5	6	7	8	9	0	*	#
KEY												
		a	d	e	i	m			w	0	*	#
		b	e		n				x			
			f									
	!											
	?											
CHARACTER												
	(	ç										
	)	2										
	=											
	¿											
	i											
	1											

N/A

Note: The shaded area indicates the characters which cannot be entered.

TO REGISTER NAME ON ONE-TOUCH SPEED CALLING KEY

DT300

(Available for 8LD Display terminal.)

☐ Press **NAME** button.

Push Speed Calling Key
4:26 PM TUE 13 APR 2004
NAME(*) >>>

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

☐ Enter desired name on the keypad.

Display indicates the name entered.

NEC BNET
^
SET CANCEL CLEAR >>>

☐ Press **SET** to save the name.

4:26 PM TUE 13 APR 2004
NAME >>>

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

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

Note: If a 4-, 8-, 16- or 32-button display terminal is used, the display indicates all of the digits dialed.

VOICE CALL **DT300 Series**

- ☐ Lift handset.
- ☐ Dial desired station number; **VOICE** Soft Key appears while station is ringing.

			2000
4:26 PM	TUE 13	APR 2004	
MIC	VOICE	>>>	

- ☐ Press **VOICE** Soft Key. Speak to called party.

Note: A Voice Call may be programmed on a **One-Touch Speed Calling** key by pressing **One-Touch Speed Calling** key, dialing the extension, and pressing the **Transfer** key. (**V** displays if programming on an DT Series with LCD. Save by pressing **One-Touch Speed Calling** key.)

Note: If called party is on their line when a Voice Call is attempted, calling station's display indicates:

VOICE BUSY		
4:26 PM	TUE 13	APR 2004

Note: A voice call is restricted if called party's station is not a DT Series. Display indicates:

VOICE REST		
4:26 PM	TUE 13	APR 2004

TO ANSWER A VOICE CALL HANDS FREE **DT300 Series**

- ☐ Receive incoming Voice Call.
- ☐ Press the **MIC** Soft Key or **Mic** key. LED lights.
- ☐ Respond hands-free.

Calling station

VOICE	2001
4:26 PM	TUE 13 APR 2004

Note: If privacy is required, lift handset.

AUTOMATIC INTERCOM 30/310

To Initiate

- ☐ Lift handset
- ☐
- ☐

N/A

To

- ☐ A key tone indicating an incoming inter-com call.

Overriding party

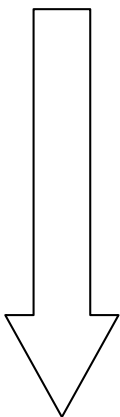
ICM	1
	2004

☐ P

☐

☐ A three-party established.

CONFERENCE DT300 Series



Using Soft Key

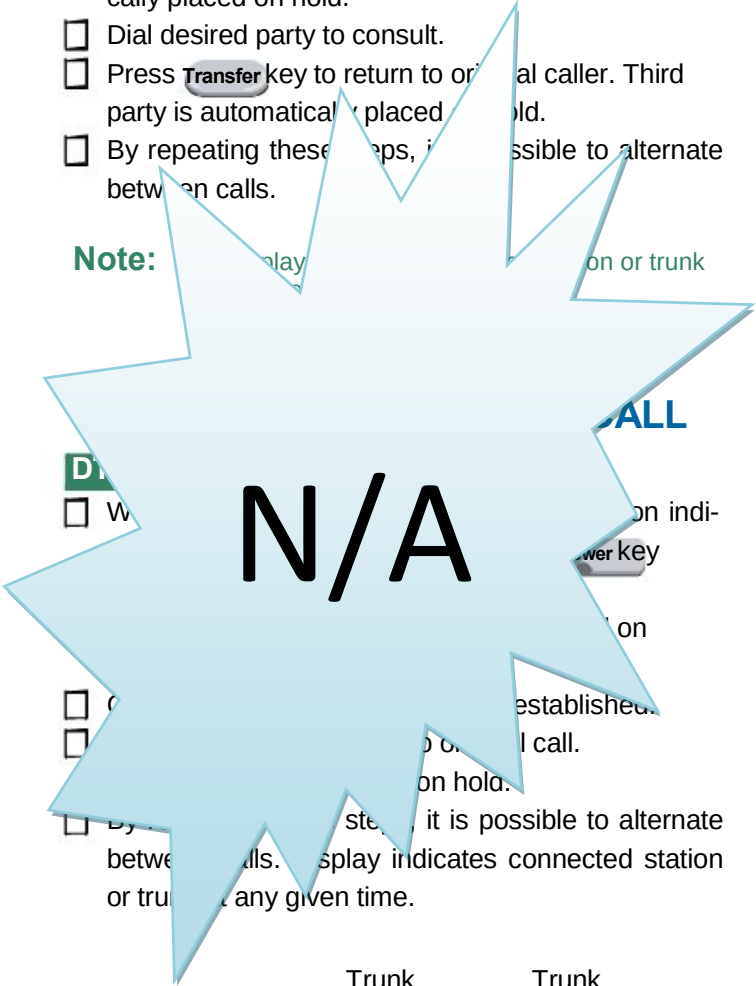
- With a call in progress, press **Transfer** key and dial desired number.
- After call is answered, press **CONF** Soft Key. Three-way conference is established.

CONF
4:26 PM TUE 13 APR 2004
MIC >>>

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

- cally placed on hold.
- Dial desired party to consult.
- Press **Transfer** key to return to original caller. Third party is automatically placed on hold.
- By repeating these steps, it is possible to alternate between calls.

Note: ...play ...on or trunk

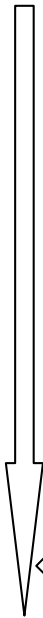


- CALL
- on indi-
- wer key
- on
- established.
- call.
- on hold.
- By ... it is possible to alternate between calls. ...display indicates connected station or trunk at any given time.

Trunk type	Trunk number
CAMP ON DDD	3
4:26 PM TUE 13 APR 2004	

	Called station	Calling party
PICK UP	2000	2001
4:26 PM	TUE 13	APR 2004
MIC		>>>

CALL PICK-UP (GROUP) DT300 Series



Using Soft Key

- ☐ Lift handset and press **PICK** Soft Key.
- ☐ Connection to calling party is established.

CALL PICK-UP (DIRECT) DT300/310

To Program
Touch S

- ☐ Pre
- ☐ P
- ☐
- ☐

V

- ☐
- ☐

- C

- ☐ D

tion

- ☐ Conne

- ☐ If busy, c

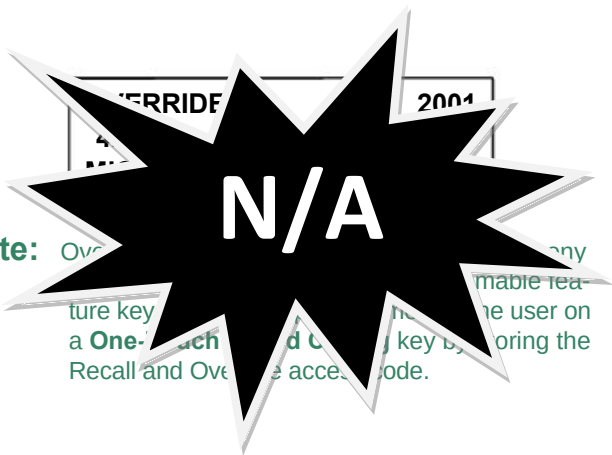
new call can b

One-

o

e sta-

hold before



Note: Over any feature key, the user on a One-touch key by pressing the Recall and Override access code.

LAST NUMBER REDIAL DT300 Series

To Recall Last Number Dialed

- ☐ Press **Redial** key. Last number dialed is displayed.

LNR[# or ✕]/SPD[] ,Ä XXXXXX

- ☐ Press **Redial** key until desired number is displayed. Up to 5 previously dialed numbers.
- ☐ Press **#** or **✕**. The number on the display is automatically redialed.
- ☐ When party has answered, lift handset or speak hands-free.

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

CALL FORWARDING - ALL CALLS

DT300 Series

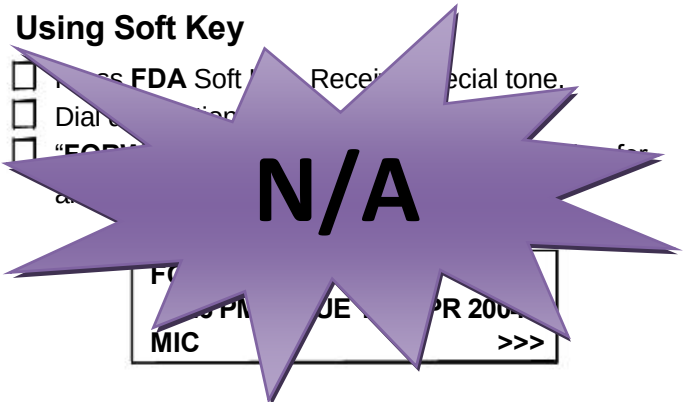
To Set

- ☐ Press **Speaker** key. Receive dial tone.
- ☐ If setting for another station, press **MULTILINE APPEARANCE**.
- ☐ Press **FDA** or dial "Call Forwarding - All Calls" access code. Receive special dial tone.
- ☐ Dial destination station or external telephone number. Receive service set tone.
- ☐ **FDA** LED lights (at your station or at the DT Series of the multiline station you are setting).
- ☐ Press **Speaker** key. Call Forwarding - All Calls is set.

Forwarding
station

FORWARD SET	2000
4:26 PM	TUE 13 APR 2004

Using Soft Key

- ☐ Press **FDA** Soft Key. Receive special tone.
 - ☐ Dial destination station or external telephone number.
 - ☐ Press **"FOR"** Soft Key. Receive service set tone.
- 

To Verify (Only For Terminal With LCD)

- ☐ Press **FDA**.
- ☐ Display indicates the station number calls are forwarded to.

Forwarding
station

FORWARD	2000
4:26 PM	TUE 13 APR 2004

Note: With Soft Key operation, **FDB** flashes on the display.

To Cancel

- ☐ Press **Speaker** key. Receive dial tone. If canceling for another station, press **MULTILINE APPEARANCE**.
- ☐ Press **FDA** or dial "Call Forwarding - All Calls" cancel code. Receive service set tone. LED goes out at your station (or the DT Series of the multiline station).
- ☐ Press **Speaker** key. Call Forwarding - All Calls is cancelled.

FORWARD CANCEL
4:26 PM TUE 13 APR 2004

Using Soft Key

- ☐ Press **FDB** Soft Key. Receive special dial tone.
- ☐ Dial destination; wait for service set tone.
- ☐ "**FORWARD SET**" is displayed. Forwarding - Busy Line is set.

N/A

goes out at your station (or the DT series of the multiline station).

- ☐ Press **Speaker** key. Forwarding - Busy Line is

N/A

Using

- ☐ Press **Speaker** key. Receive special dial tone.
- ☐ "**CEL**" is displayed.

FORWARD
4:26 PM
MIC

CANCEL

JE 13 AM 2004

>>>

CALL FORWARDING - DON'T ANSWER DT300 Series

To Set

- ☐ Press **Speaker** key. Receive dial tone.
- ☐ If setting for another station, press **MULTILINE APPEARANCE**.
- ☐ Press **FDN** or dial "Call Forwarding - Don't Answer" access code. Receive special dial tone.
- ☐ Dial destination station or external telephone number. Receive service set tone.
- ☐ **FDN** LED lights (at your station or at the DT

Series of the multiline station you are setting).

- ☐ Press **Speaker** key. Call Forwarding - Don't Answer is set.

Forwarding
station

FORWARD SET	2000
4:26 PM	TUE 13 APR 2004

Forwarding
station

FORWARD	2000
4:26 PM	TUE 13 APR 2004

Note: Call Forwarding for Busy Line and Don't Answer may be combined depending upon system programming.

Note: With Soft Key operation, FDB flashes on the display.

To Verify (Only For Terminal With LCD)

- ☐ If verifying for another station, press **MULTILINE APPEARANCE** while idle.
- ☐ Press **FDN**.
- ☐ Display indicates the station number calls are forwarded to.

To Cancel

- ☐ Press **Speaker** key. Receive dial tone. If canceling for another station, press **MULTILINE APPEARANCE**.
- ☐ Press **FDN** or dial "Call Forwarding - Don't Answer" cancel code. Receive service set tone. LED goes out at your station (or the DT Series of the multiline station).
- ☐ Press **Speaker** key. Call Forwarding - Don't Answer is cancelled.

FORWARD CANCEL
4:26 PM TUE 13 APR 2004

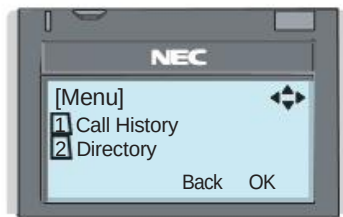
TO VIEW CALL HISTORY DT300

- To VIEW DATA OF INCOMING CALL/ OUTGOING CALL

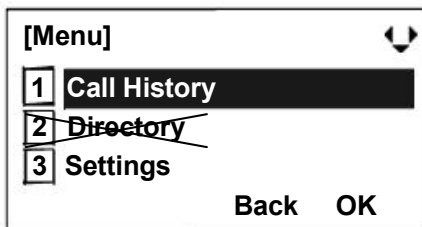
STEP 1: While indicating the current time on LCD, press **Menu** key to open the **Menu** screen.

Note: This feature is DT330 Series.
The following are examples of LCD displays of DT330 Series.

DT330 Series



STEP 2: Select **1 Call History** and then press **(Enter)**, **(Right-cursor)** or **OK** soft key. (or press **1** key.)

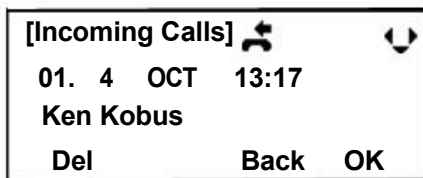


STEP 3: Select a kind of calls and then press **(Enter)**, **(Right-cursor)** or **OK** soft key (or press an appropriate digit key). In this example, **1 Incoming Calls** is selected.

Item	Description
Incoming Calls	To view the history of incoming calls.
Outgoing Calls	To view the history of outgoing calls.



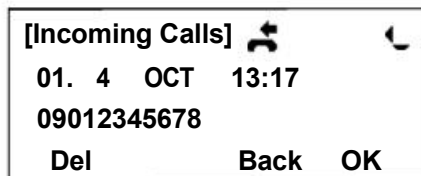
STEP 4: The history data of the last received call is displayed. If name information of the caller exists, the name is displayed as follows:



Note: There are two types of incoming call: Answered Call and Missed Call. When history data of missed calls is displayed on the screen,  appears on the top line of the screen.

STEP 5: To view the telephone number of the caller,

press  (**Right-cursor**).



Note: If two or more records exist, use  key to display the next/former records (or pressing an appropriate digit key). For example, press “0” key to display the tenth record.

Note: If no history data is saved, “No data” will be displayed on LCD.

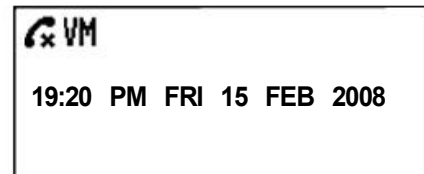
Note: To go back to name display, press  key. For the telephone without the cursor key, switching between “name” and “telephone number” cannot be performed.

Note: To go back to former menu (STEP 3), press **Back** soft key.

Note: If the telephone number of the caller is not received (due to Caller ID blocking, public phone or out of area, etc.), “Private” is displayed on LCD.

• TO VIEW DATA OF MISSED CALL ONLY

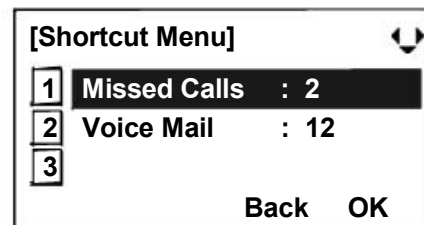
STEP 1: While indicating the current time on LCD, press  (**Enter**) key to open **Icon Menu** (Shortcut Menu) screen.



Note:  indicate that the telephone has received a missed call.

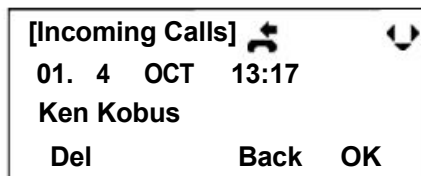
VM indicate that the telephone has received a voice mail.

STEP 2: Select **Missed Calls** and then press  (**Enter**),  (**Right-cursor**) or **OK** soft key. (or press **1** key.)



Note: When voice mail service is not used, “” is displayed instead of “Voice Mail”.

STEP 3: The history data of the last received call is displayed. If name information of the caller exists, the name is displayed as follows:



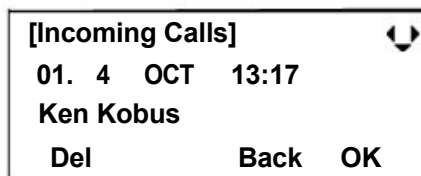
Note: If two or more records exist, use  key to display the next/former records (or pressing an appropriate digit key). For example, press "0" key to display the tenth record.

Note: To go back to former menu (STEP 3), press **Back** soft key.

Note: If the telephone number of the caller is not received (due to Caller ID blocking, public phone or out of area, etc.), "Private" is displayed on LCD.

TO MAKE A CALL FROM CALL HISTORY **DT300**

STEP 1: Display the call history data of the target telephone number (see [TO VIEW CALL HISTORY](#)). The following is an example when the history data of an incoming call is displayed.



STEP 2: Press  (**Enter**) key while the history data for the target telephone number is displayed on LCD.

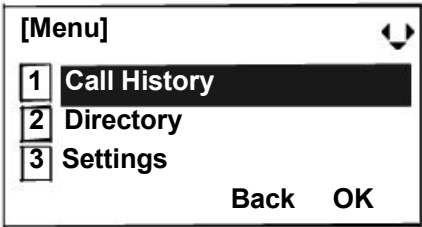
Note: While the history data is displayed, the user cannot make a call by dialing a telephone number.

Note: If a dialing error occurs, the following error message appears.



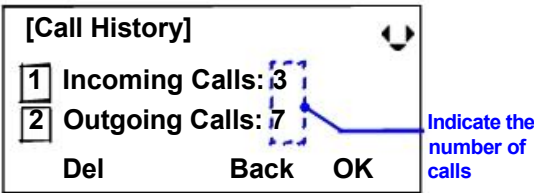
TO DELETE ALL DATA DT300

STEP 1: On the Menu screen, select 1 **Call History** and then press (**Enter**), (**Right-cursor**) or **OK** soft key. (or press 1 key.)

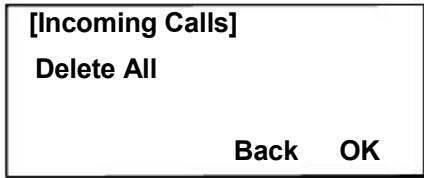


STEP 2: Select a kind of calls and then press (**Enter**), (**Right-cursor**) or **OK** soft key (or press an appropriate digit key). In this example, 1 **Incoming Calls** is selected.

Item	Description
Incoming Calls	To delete all the history data of incoming calls.
Outgoing Calls	To delete all the history data of outgoing calls.



STEP 3: Press **Del** soft key. The display changes as follows:

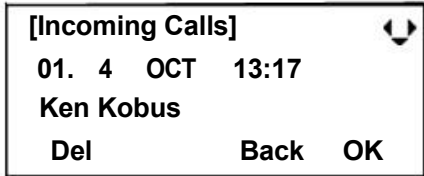


Note: To cancel the data deletion, press or **Back** soft key.

STEP 4: Press (**Enter**) or **OK** soft key to delete all the history data of selected call type.

TO DELETE A SPECIFIC DATA DT300

STEP 1: Display the call history data which you want to delete (see [TO VIEW CALL HISTORY](#)). The following is an example when the history data of an incoming call is displayed.



STEP 2: Press **Del** soft key. The display changes as follows:

[Incoming Calls]

Delete One

Back OK

Note: To cancel the data deletion, press  or **Back** soft key.

STEP 3: Press  (**Enter**) or **OK** soft key to delete the selected history data.
