

NEC Empowered by Innovation

NEAX[®] 2000 IPS
Dterm[®] SERIES I
Dterm[®] IP
USER GUIDE

Exit

Help

1

2
ABC

3
DEF

Recall

Feature

Direct

4
GHI

5
JKL

6
MNO

Conf

Mic

Mes

7
PQRS

8
TUV

9
WXYZ

Redial

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TABLE OF CONTENTS

KEYS AND LAMPS	2
LCD DETAIL OF LINE KEY FOR DESI-LESS TERMINAL	7
TERMINAL SETUP WITH THE FEATURE KEY	8
DTERM IP LOGIN OPERATION	10
DTERM IP LOGOUT OPERATION	11
TO ORIGINATE AN OUTSIDE CALL VIA EXTENSION LINE KEY	11
TO ORIGINATE AN INTERNAL CALL	11
TO ORIGINATE A CALL VIA DYNAMIC DIAL PAD	12
OUTSIDE LINE APPEARANCE	12
AUTOMATIC IDLE RETURN	13
TO ORIGINATE A CALL USING ONE-TOUCH BUTTONS	13
TO ORIGINATE A CALL USING SPEED CALLING (INDIVIDUAL/GROUP)	14
ACCOUNT CODE	15
FORCED ACCOUNT CODE	15
AUTHORIZATION CODE	16
VOICE FIRST/TONE FIRST	16
TO ANSWER A VOICE CALL HANDS FREE	17
AUTOMATIC INTERCOM	17
MANUAL INTERCOM	18
DIAL INTERCOM	19
DIAL BY NAME USING SYSTEM SPEED DIALING	19
DIAL BY NAME USING STATION SPEED DIALING	20
TO SAVE A NAME AND NUMBER TO STATION SPEED DIALING	20
TO TRANSFER A CALL	21
TO PLACE A CALL ON HOLD	21
TO PLACE A CALL ON EXCLUSIVE HOLD	22
TO PLACE A CALL ON REMOTE HOLD	23
CONFERENCE	24
TO ESTABLISH A BROKER CALL	24
CALL BACK (STATION)	25



TO ANSWER A CAMPED-ON CALL	25
TO SET CAMP-ON (TRANSFER METHOD)	26
CAMP-ON (CALL WAITING METHOD)	26
CALL PARK (SYSTEM)	27
CALL PICK-UP (GROUP)	28
CALL PICK-UP (DIRECT)	28
OUTSIDE LINE QUEUING (FROM EXTENSION DIAL TONE)	29
TIMED QUEUING (OUTSIDE LINE ONLY)	29
EXECUTIVE OVERRIDE	30
LAST NUMBER REDIAL	30
CID CALL BACK	30
CALL REDIRECT	31
CID CALL DISPLAY	32
CALL FORWARDING – ALL CALLS	32
CALL FORWARDING – BUSY	34
CALL FORWARDING – NO ANSWER	35
CALL FORWARDING – DESTINATION	36
TO SAVE AND REPEAT A NUMBER	37
INTERNAL ZONE PAGING WITH MEET-ME PAGE	37
BOSS/SECRETARY CALLING	38
BOSS/SECRETARY OVERRIDE	39
DO NOT DISTURB	40
TIMED REMINDER	41
PRIVACY RELEASE	42
RETURN MESSAGE SCHEDULE	42
NAME DISPLAY	44
WHISPER PAGE	45
SYSTEM CLOCK SETUP BY STATION DIALING	46
DAY/NIGHT MODE CHANGE BY STATION DIALING	46
QUICK REFERENCE GUIDE	47

KEYS AND LAMPS

FUNCTION KEYS

Hold

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

Transfer

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

Speaker

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

Answer

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

Redial

Press key to activate redial feature. Press redial and scroll back through numbers that have been dialed until the desired number is displayed. Press the * key to activate dialing.

Conf

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

Recall

Press key to terminate established call and reseed internal dial tone.

Feature

Used to activate terminal setup functions and to program One-Touch Speed Dial/Feature Keys.

MIC

Used to activate or deactivate the Microphone. The Mic LED will illuminate when the Mic is on.

Message

To search Message Waiting.

Directory

Press key to display the directory of Dial by Name for Station Speed Dialing.

UP/DOWN (▲ ▼)

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

◆ LCD Contrast:

Press ▲ or ▼ key while idle.

◆ Speaker/Receiver Volume:

Press ▲ or ▼ key during conversation.

◆ Ringer Volume:

Press ▲ or ▼ key during ringing.

PROGRAMMABLE KEYS

These are examples of Dterm® features available by pressing the programmable keys. Some features may be programmed by the user. Keys must be programmed by the telephone system administrator.

AICM

Press key to activate Automatic Intercom.

CB (Call Back)

Press key to activate.

DICM

Press key to activate Dial Intercom.

DND (Do Not Disturb)

Press key to activate or cancel Privacy feature.

FD-A (Call Forwarding – All Calls)

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

FD-B (Call Forwarding – Busy)

Press key to activate, verify, or cancel Call Forwarding – Busy feature.

FD-N (Call Forwarding – No Answer)

Press key to activate, verify, or cancel Call Forwarding – No Answer feature.

FD-DS (Call Forwarding – Destination Set)

Press key to activate Call Forwarding – Destination.

FD-DC (Call Forwarding – Destination Cancel)

Press key to deactivate Call Forwarding – Destination.

MICM

Press key to activate Manual Intercom.

S&R (Save and Repeat)

Press key to store a number or redial a stored number.

SECONDARY APPEARANCE (Sub line)

A programmable extra extension key, other than Primary extension. Press key to see status of extra extension.

MUTE

Press key to activate Mute function on handset, headset or internal microphone.

SOFT KEYS (FACTORY ASSIGNED FEATURES)

Headset

Press the Soft Key below "Headset" to activate or deactivate Headset operation.

Help

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

Exit

Press the **Exit** Key to exit the Help program.

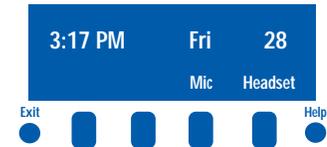
OHR-OFF (Off Hook Ringing Off)

It will disable ringing on this phone while in use.

OHR-ON (Off Hook Ringing On)

It will allow ringing on this phone while in use.

On Hook State
(Telephone is idle)



Off Hook State
(Telephone is in use)



TO USE SOFT KEYS

Four soft keys are indicated in the LCD according to the status of the Multiline Terminal.

- ◆ Press the **Scroll** (>>>>) key to scroll the desired key if there are other functions available.
- ◆ Press a desired key under the indicated four Soft Keys on the LCD.
- ◆ The service feature of the pressed Soft Key is operated.

TO USE THE HELP KEY

- ◆ Press the **HELP** key and the Soft Key.
- ◆ Explanation of the pressed Soft Key is indicated on the LCD.
- ◆ Press the **EXIT** key to leave Help.

LAMPS

Call Indicator Lamp

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

LCD

Liquid Crystal Diode (LCD) display provides Dterm activity information plus date, time and Soft Key operation.

LED

Some function keys have a built-in Light Emitting Diode (LED) that lights or flashes according to the activity of that function key.

MIC (Microphone) Lamp

Lamp displays the status of the built-in microphone used for hands free operation.

FEATURE KEY ACTIVITIES

Feature + 1 = Turns microphone on or off.

Feature + 3 = Selects ringer tone.

Feature + 4 = Adjusts transmission/receiving volume.

Feature + 0 = Activates ringer. (Dependent on Systems Programming.)

LCD DETAIL OF LINE KEYS FOR D_{TERM} SERIES i16LD

USER STATUS	ICON	FLASHING PATTERN
IDLE	No ICON	
CALL ON I-HOLD/EXCLUSIVE HOLD		FLASHING
CALL ON OTHER PARTY HOLD		FLASHING
INCOMING CALL I-HOLD/EXCLUSIVE HOLD RECALL		FLASHING
OTHER PARTY HOLD RECALL		FLASHING
DURING CONVERSATION CALL TRANSFER CALL CONERENCE		ON STEADY
DURING CONVERSATION (OTHER PARTY) ACTIVE FEATURE (CALL FORWARDING SET)		ON STEADY

TERMINAL SETUP WITH THE FEATURE KEY

MICROPHONE ON/OFF

The MIC lamp shows the status of the built-in microphone.

To change microphone status:

- ◆ Press Soft Key associated with MIC Display or press **Feature** and **1**.

TO SELECT RINGER TONE

The Dterm Series i has fourteen kinds of ringer tones that you can select.

- ◆ Press **Feature** and **3**.
The LCD displays the selected tone number (n=1~14).

RINGER TONE n

- ◆ Press **3** again for next tone.
- ◆ Press **Feature** key to select.

TONE NO.	FREQUENCY/MODULATION
1	520+660Hz, 16Hz MODULATING SIGNAL
2	520+660Hz, 8Hz MODULATING SIGNAL
3	1400+1100Hz
4	1100Hz
5	540Hz
6	1100+1400Hz, 16Hz MODULATING SIGNAL
7	660+760Hz, 16Hz MODULATING SIGNAL
8	1100Hz ENVELOP SIGNAL
9	DOOR PHONE
10	MELODY 1
11	MELODY 2
12	MELODY 3
13	MELODY 4
14	MELODY 5

TO ADJUST RINGER VOLUME

NOTE: Access to feature is based on data assignment.

- ◆ Press **Feature** and **0**. Ringer activates.
- ◆ Press ▼ or ▲ key. Ringer volume decreases or increases.
- ◆ Press **Feature** key to stop ringing.

TO ADJUST TRANSMISSION/RECEIVING VOLUME (DURING VALID CALL)

- ◆ Press **Feature** and **4**. The Transmit Volume increases.
- ◆ Press **Feature** and **4** again. Transmit Volume returns to normal.
- ◆ Press ▼ or ▲ key. Receive Volume decreases or increases.

DTERM IP LOGIN OPERATION

.....

Option 1 Automatic Login Mode (Authentication by MAC Address)

- ◆ During start up the LCD displays the login screen.



- ◆ Enter the Station Number at the "LOGIN:" prompt.
- ◆ Press the Set key (Soft Key).
- ◆ Press the OK key (Soft Key). The time and date appear on the LCD.

NOTE: After the first registration, Login operation is not required.

Option 2 Protected Login Mode

- ◆ During start up the LCD displays the login screen.



- ◆ Enter the Station Number at the "LOGIN:" prompt.
- ◆ Press the Set key (Soft Key).
- ◆ Enter the Password at the "PASSWD:" prompt.
- ◆ Press the OK key (Soft Key). The time and date appear on the LCD.

DTERM IP LOGOUT OPERATION



- ◆ Go off-hook or press the **Speaker** key. Receive Dial Tone.
- ◆ Dial the Logout Feature Access Code or press the Logout Key or Logout Soft Key. Receive Service Set Tone.
- ◆ The LCD displays the login screen.

TO ORIGINATE AN OUTSIDE CALL VIA EXTENSION LINE KEY



- ◆ Lift handset or press **Speaker** key, receive dial tone.

- ◆ Dial the Central Office access code, e.g. 9.
- ◆ Dial desired telephone number.
- ◆ Use handset or MIC to converse.

TO ORIGINATE AN INTERNAL CALL



- ◆ Lift handset or press **Speaker** key.
- ◆ Receive dial tone.
- ◆ Dial desired station number.
- ◆ Use handset or MIC to converse.

TO ORIGINATE A CALL VIA DYNAMIC DIAL PAD

- ◆ While phone is idle, Dial desired station number.
— **OR** —
- ◆ While phone is idle, Dial desired trunk access code, e.g. 9.
- ◆ Dial desired telephone number.
- ◆ Use handset or MIC to converse.

NOTE: Access to feature is based on data assignment.

OUTSIDE LINE APPEARANCE

TO ORIGINATE

- ◆ Press the **Outside Line Appearance** feature key.
- ◆ Lift handset or press **Speaker**, receive Central Office or distant PBX dial tone.
- ◆ Dial the destination.

TO ANSWER

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

AUTOMATIC IDLE RETURN

- ◆ Press **Speaker** key. Receive dial tone.
- ◆ Dial desired number.

— OR —

- ◆ Press **One Touch** key.
- ◆ When called party answers, converse.
- ◆ When called party hangs up, your Dterm automatically returns to idle.

TO ORIGINATE A CALL USING ONE-TOUCH BUTTONS

- ◆ Press desired **One-Touch** button, or press **Speaker** and **One-Touch** button.

TO PROGRAM

NOTE: Available only on Dterm stations with speed calling keys or 32 button terminals with one-touch keys.

- ◆ Press **Conf.** button, Conf. key flashes.
- ◆ Press desired **One-Touch** button, **Speaker** button LED lights steady.
- ◆ Enter desired station number, feature code or outside access code and telephone number. Display indicates digits.
- ◆ Press **Conf.** button again to save the number.



TO VERIFY

- ◆ Press **Conf.** button.
- ◆ Press desired **One Touch** button.
- ◆ Display indicates digits programmed.

NOTE: Station numbers programmed to one touch buttons will light when that station is in use. (This is only available on a 32 Button Terminals).

TO ORIGINATE A CALL USING SPEED CALLING (INDIVIDUAL/GROUP)



- ◆ Press the **Redial** button.
- ◆ Enter via dial pad the desired speed calling number (00-99).

NOTE: Access to feature is based on data assignment.

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 10 digits).
- ◆ 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

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 10 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**. Receive dial tone.

- ◆ Dial Voice/Tone access code, LCD display shows current mode receives feature dial tone.



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



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

ORIGINATING A VOICE CALL

- ◆ Lift handset.
- ◆ Dial desired station number.
- ◆ Press **Voice** key or press **1**.
- ◆ Speak to called party.



TO ANSWER A VOICE CALL HANDS-FREE

- ◆ Receive incoming Voice Call.
- ◆ Press **MIC** Soft 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 **AICM** key.
- ◆ Tone burst is sent.



TO ANSWER

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



- ◆ 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**, ring back tone is heard.



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

TO ANSWER

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



- ◆ 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 **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** key. LCD shows solid green.

DIAL BY NAME USING SYSTEM SPEED DIALING



TO INITIATE

- ◆ Press the **SYS** key.
- ◆ Enter up to the first four characters of a name using the keypad.
- ◆ Press the ▲ or ▼ key to start the search.
- ◆ The name and the number are shown on the LCD. If more than one name matches the letters entered, scroll through the matches with the UP or DOWN Soft Key.
- ◆ If no matches are found, the first System Speed Dial buffer will be displayed.
- ◆ Press the **Speaker** key, or select a **Line/Trunk** key to dial the selected number.

DIAL BY NAME USING STATION SPEED DIALING



TO INITIATE

- ◆ Press the **Directory** key.
- ◆ Enter up to the first four characters of a name using the keypad.
- ◆ Press the ▲ or ▼ key to start the search.
- ◆ The name and the number are shown on the LCD. If more than one name matches the letters entered, scroll through the matches with the UP or DOWN Soft Key.
- ◆ If no matches are found, the first System Speed Dial buffer will be displayed.
- ◆ Press the **Speaker** key, or select a **Line/Trunk** key to dial the selected number.

TO SAVE A NAME & NUMBER TO STATION SPEED DIALING



TO REGISTER NAME & NUMBER:

- ◆ Press the **Directory** key.
- ◆ Press the ▲ or ▼ key to start the search.
- ◆ Press the **Feature** Key.
- ◆ Using the key pad enter the name.
- ◆ Press the **Feature** Key.
- ◆ Using the key pad enter the number.

NOTE: When entering an outside number you must include the Trunk Access Code (i.e., 9) followed by area code and number. For the Desi-Less 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 123456789 button will show *3456789.*

TO TRANSFER A CALL

- ◆ After conversing, ask party to hold.
- ◆ Press **Transfer** Key.
Receive interrupted dial tone.
- ◆ Dial destination station's extension and hang up or wait for answer.



TO PLACE A CALL ON HOLD

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



NOTE: If held line appears on other Dterm stations, the associated LED flashes red slowly.

TO RETRIEVE

- ◆ Lift handset or press **Speaker**.
- ◆ 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 Dterm stations, LED remains steadily lit red.

TO RETRIEVE

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

NOTE: Only Dterm 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 PLACE A CALL ON REMOTE HOLD

TO INITIATE

While in conversation with Station/Trunk Party:

- ◆ Press the **Transfer** key. Receive interrupted dial tone.
- ◆ Dial destination station's extension.
- ◆ Receive ring back tone.
- ◆ Press the **Hold** key. (Call is placed on hold at the destination station's extension).
- ◆ Hang up.

TO RETRIEVE AT DESTINATION

- ◆ Lift handset or press **Speaker** key.
- ◆ Press line on hold. Use handset to converse.

NOTE: Any station with the destination line appearance can retrieve the call.

TO RETRIEVE FROM PHONE WITHOUT DESTINATION LINE APPEARANCE

- ◆ Lift handset or press **Speaker** key.
- ◆ Dial Access Code for Direct Call Pick-Up.
- ◆ Dial destination station's extension.
- ◆ Use handset to converse.

CONFERENCE

Option 1

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

- ◆ Three-way conference is established.



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

Option 2

- ◆ With call in progress, and third party on hold on another Line/Trunk key.
- ◆ Press **Conf**, **Conf** LED lights.
- ◆ Press Held Line/Trunk key, **Conf** LED lights.

- ◆ Three-way conference is established.

NOTE: Access to *Option 2* is based on software revision and data assignment.

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.
- ◆ Repeated depression of the **Transfer** button allows you 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 **2** 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 type	Outside line number
CMP	WATS	3
(Time Display)		

- ◆ Press **Answer**. 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.
- ◆ Repeated depression of the **Answer** button allows you to alternate between calls. Display indicates connected station or trunk at any given time.

TO SET 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)

Example: Station 2000 is in conversation with 2008. Station 2001 dials 2000, receives busy. Station 2001 can notify station 2000 that call is waiting.

TO ACTIVATE CALL WAITING (STATION 2001)

- ◆ Station 2001 press **Speaker**.
Receive dial tone.
- ◆ Dial 2000 and receive busy.
- ◆ Press **Transfer**
receive feature dial tone.
- ◆ Dial Camp-on (call waiting) access code.



TO ANSWER CALL WAITING (STATION 2000)

- ◆ Hear burst of tone. LCD display indicates **CW** and **Answer** button flashes.

Called station number

CW SET	2000
(Time Display)	

- ◆ 2000 presses **Answer** button and converses with station 2001.

CW	2001
(Time Display)	

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** and dial the Call Park access code, or press **Call Park** key. Display shows HLD=(part location number nn=00-19).

Parked station or trunk

HLD=nn	2000
(Time Display)	

TO PARK A CALL FROM TERMINAL WITHOUT LCD

- ◆ While call in progress, press **Transfer** and dial the Call Park access code, or press **Call Park**.
- ◆ 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 local retrieval code and parked call location number (00-19).
- ◆ Station user is connected to parked call.

CALL PICKUP (GROUP)

WHEN STATION WITHIN PICKUP GROUP RINGS

- ◆ Lift handset.
- ◆ Press **Call Pickup** or dial Call Pickup access code (may be stored on one-touch speed calling key).
- ◆ Connection to calling party is established.

	Called station	Calling party
PCK	2000	2001
(Time Display)		

CALL PICKUP (DIRECT)

- ◆ Lift handset.
- ◆ Press **Call Pickup Direct**. Lift handset. Key or dial Call Pickup Direct access code (may be stored on one-touch key).
- ◆ Dial extension number to be picked up.
- ◆ Connection to calling party is established.

	Called station	Calling party
PCK	2000	2001
(Time Display)		

OUTSIDE LINE QUEUING (FROM EXTENSION DIAL TONE)

.....

IF OUTSIDE LINE IS BUSY

- ◆ Press **Speaker** or lift handset. Dial outgoing access code (e.g.9).
- ◆ Receive 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** or lift handset. Dial tone is heard. Dial desired number. (No outgoing access code needed.)



TIMED QUEUING (OUTSIDE LINE ONLY)

.....

- ◆ Press **Speaker**, 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.

NOTE:

Interrupted parties receive warning tone.

	Override station	Overridden
OVR	2000	2001
(Time Display)		

- ◆ 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.

LAST NUMBER REDIAL

TO RECALL THE LAST NUMBER DIALED

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

REDIAL[#]/SPEED[]	-1
	2001
Last number dialed	

CID CALL BACK

TO SEARCH, CALL BACK OR ERASE A CALLING NUMBER USING SOFT KEYS

- ◆ Lift the handset or press **Speaker** key.
- ◆ Press **Message** key.
- ◆ Press **Search** Soft Key to search for desired number.
- ◆ Press **CB** Soft Key to call back desired number.
- ◆ Press **Erase** Soft Key to erase desired number.

TO SEARCH, CALL BACK OR ERASE A CALLING NUMBER WITHOUT USING SOFT KEYS

- ◆ Lift the handset or press **Speaker** key.
- ◆ Press **Message** key.
- ◆ Dial **1** to search for desired number.
- ◆ Dial **2** to call back desired number.
- ◆ Dial **3** to erase desired number.

CALL REDIRECT



TO REIRECT WITH CALLING PARTY INFORMATION:

- ◆ While in the CID mode press **CRD** key.
- ◆ Call is transferred to a pre-assigned destination station.

TO REIRECT WITHOUT CALLING PARTY INFORMATION:

- ◆ Press **CRD** Key.
- ◆ Press incoming line key or line key on hold.
- ◆ Call is transferred to a pre-assigned destination station.

NOTE: See CID Display; Access to feature is based on data assignment.

CID CALL DISPLAY

TO DISPLAY CALLING PARTY INFORMATION:

- ◆ Press **CID** key, **CID** lamp lights.
- ◆ Calling Party Information is displayed.

TO REDISPLAY CALLING PARTY INFORMATION:

- ◆ While on a call press **CID** key to recall the Calling Party Information.
- ◆ Calling Party Information is displayed.

CALL FORWARDING – ALL CALLS

TO SET

- ◆ Press **Speaker** key. Receive dial tone.
- ◆ Press **FD-A** or dial Call Forwarding 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.



TO VERIFY (WITH 16 OR 32-BUTTON DTERM)

- ◆ 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.



TO CANCEL

- ◆ Press **Speaker**.
Receive dial tone.
- ◆ Press **FD-A** key plus *
or dial Call Forwarding cancel code.
Receive service set tone. LED goes out at your station (or the Dterm of the sub line station).
- ◆ Press **Speaker** key.



CALL FORWARDING – BUSY



TO SET

- ◆ Press **Speaker** key. Receive dial tone.
- ◆ Press **FD-B** or dial Call Forwarding – 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 Dterm of the sub line station you are setting).
- ◆ Press **Speaker** key. Call Forwarding – Busy is set.



TO VERIFY (WITH DISPLAY PHONE)

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



TO CANCEL

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



CALL FORWARDING – NO ANSWER



TO SET

- ◆ Press **Speaker** key. Receive dial tone.
- ◆ Press **FD-N** or dial Call Forwarding – 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.



TO VERIFY

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



NOTE : Call Forwarding for Busy 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 Forwarding – Destination access code. Receive special dial tone.

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

TO CANCEL

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

- ◆ Dial station number to cancel.
- ◆ Press **Speaker** key. Call Forwarding – Destination is canceled.

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** key.
- ◆ Press **S & R** key. Dterm 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 before hanging up.

INTERNAL ZONE PAGING WITH MEET-ME PAGE

This allows a system user to page over built-in speaker of Dterm terminal 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 the desired zone or all zones, or press key assigned for desired zone or all zones.
- ◆ Page Station B.
- ◆ Remain off hook.



TO ANSWER (STATION B)

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

NOTE: Access to feature is based on data assignment.



BOSS/SECRETARY CALLING

.....

SECRETARY

- ◆ Lift handset, press boss' ringing line. Ask calling party to hold.
- ◆ Press boss' line again. Voice Call is established to boss' extension.
- ◆ Announce the call to the boss.



IF BOSS ACCEPTS CALL

- ◆ Secretary replaces handset.
- ◆ Boss lifts handset, presses flashing line.



IF BOSS REFUSES CALL

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

NOTE: Access to 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.



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

BOSS

- ◆ Hears burst of tone, **Answer** key flashes. **LCD** display indicates:



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



TO CANCEL

- ◆ Press **Speaker** key, Receive dial tone.
- ◆ Press **DND** key or dial DND Cancel Code.



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

TIMED REMINDER

Example: Station 2000 wants to be reminded of a 9:00 a.m. meeting.

TO SET

- ◆ Press **Speaker**.
- ◆ Press **Timed Reminder** key or dial Timed Reminder access code.
- ◆ Dial the desired reminder time in military format, receive set tone.

At 9:00 a.m. on the same day you will receive a reminder call.

Upon answering you will hear music source if available.



SET 0900
(Time Display)



TIME
(Time Display)

TO CANCEL

- ◆ Press **Speaker**. Receive dial tone.
- ◆ Press **Timed Reminder** key and **#** or dial Timed Reminder cancel access code.
- ◆ Receive set tone.
- ◆ Press **Speaker** key.



CNCL
(Time Display)

PRIVACY RELEASE

Example: Dterm Station B is engaged in a conversation, and allows Dterm Station A to enter the call in progress.

- ◆ Station 2000, while engaged in conversation, presses **Conf** key. **Conf** key flashes.
- ◆ Station 2001 lifts handset or presses **Speaker** key.
- ◆ Station 2001 presses the line appearance of Station 2000.
- ◆ A three-way conference is established.

RETURN MESSAGE SCHEDULE

NOTE: With Display Dterm. Allows station user to register a return schedule when leaving the office and have the schedule display on the calling Dterm LCD.

TO SET

- ◆ Go off-hook . 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.



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



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

TO CANCEL

- ◆ Press **Speaker** key. Receive dial tone.
- ◆ Dial Return Message schedule cancel code.
- ◆ Receive set tone.
- ◆ Press **Speaker** key.



NOTE: Access to feature is based on data assignment.

NAME DISPLAY

NOTE: Display Dterm.

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

- ◆ Press **Speaker**. Receive dial 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 following Dial Pad Key Table can be used as a guide to indicate the key and the number of depressions required to display numbers, letters, spaces and periods.

		DIAL PAD KEY											
		1	2	3	4	5	6	7	8	9	0	*	#
1	1	3	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**.

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 Desi-Less phone a reset of the Desi-Less phone is required and can be accomplished by an unplug/plug-in of the phone. For the Desi-Less 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 conversaton 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 Feaure dial tone.
- ◆ Dial desired station number.
- ◆ Tone is heard, Listen to conversaton 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



- ◆ 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.

DAY/NIGHT MODE CHANGE BY STATION DIALING



- ◆ 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)

QUICK REFERENCE GUIDE

OUTSIDE LINE		9
QUEUING-OUTSIDE LINE	SET	* 1
CALL BACK SET	CANCEL	# 1
CALL FORWARDING-ALL CALLS	ENTRY	* 5
	CANCEL	# 5
CALL FORWARDING-NO ANSWER/ BUSY LINE	ENTRY	* 6
	CANCEL	# 6
CALL FORWARDING-DESTINATION	ENTRY	* 7
	CANCEL	# 7
DO NOT DISTURB	SET	* 8
	CANCEL	# 8
LAST NUMBER REDIAL		**
ACCOUNT CODE	ENTRY	* #
STATION SPEED DIALING	ORIGINATE	# *
SYSTEM SPEED DIALING	ORIGINATE	# #
OPERATOR CALL		0
CALL HOLD		11

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
TIME REMINDER/	SET	5 *
AUTOMATIC WAKE UP SET	CANCEL	5 #
VOICE/TONE TOGGLE		60
STATION NAME ASSIGNMENT		62
CALL PARK SYSTEM RETRIEVE		6 #
CALL PARK SYSTEM SET		6 *
NIGHT PICKUP		72
CALL PICKUP-DIRECT		73
CALL PICKUP-GROUP		74
CALL PICKUP-DESIGNATED	GROUP	75
STATION SPEED DIALING	ENTRY	7 *
	CANCEL	7#

NOTE: Above table references factory default settings. Settings may vary on a per system basis.



For more information contact:



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