

**D**TERM<sup>®</sup>  
SERIES III  
Telephones  
.....  
USER GUIDE

**NEC**

# TABLE OF CONTENTS

---

KEYS AND LAMPS	2
TERMINAL SETUP FUNCTIONS	6
TO ORIGINATE AN OUTSIDE CALL	8
TO ORIGINATE AN INTERNAL CALL	8
TRUNK LINE APPEARANCE	9
TO ORIGINATE A CALL USING SPEED CALLING (ONE-TOUCH BUTTONS)	9
TO ORIGINATE A CALL USING SPEED CALLING (INDIVIDUAL/GROUP)	10
ACCOUNT CODE	11
FORCED ACCOUNT CODE	11
AUTHORIZATION CODE	11
VOICE CALL	12
TO ANSWER A VOICE CALL HANDS FREE	13
AUTOMATIC INTERCOM	13
MANUAL INTERCOM	14
DIAL INTERCOM	15
TO PLACE A CALL ON HOLD	16
TO PLACE A CALL ON EXCLUSIVE HOLD	16
TO TRANSFER A CALL	17
CONFERENCE	18
TO ESTABLISH A BROKER CALL	18
TO ANSWER A CAMPED-ON CALL	19
CALL WAITING – ORIGINATING	19
CALL PARK	21
CALL PICK-UP (GROUP)	22
CALL PICK-UP (DIRECT)	22
OUTGOING TRUNK QUEUEING	23
OFF-HOOK TRUNK QUEUEING	23
EXECUTIVE OVERRIDE	24

LAST NUMBER REDIAL	24
CALL FORWARDING – ALL CALLS	25
CALL FORWARDING – BUSY	26
CALL FORWARDING – NO ANSWER	27
CALL BACK	28
TO SAVE AND REPEAT A NUMBER	29
TO LEAVE A MESSAGE	29
TO ANSWER A MESSAGE	30
MEET-ME PAGE	31
PAGING TRANSFER	32
BOSS/SECRETARY TRANSFER	33
BOSS/SECRETARY – MW LAMP CONTROL	34
BOSS/SECRETARY OVERRIDE	35
DO NOT DISTURB	37
PRIVACY	37
PRIVACY RELEASE	38
DATA FEATURES	39
KEYBOARD DIALING (INTERNAL)	42
KEYBOARD DIALING (EXTERNAL)	44
INDEX	46
LCD DISPLAYS	49



## KEYS AND LAMPS

.....

### FUNCTION KEYS

#### ANS (Answer)

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

#### CNF (Conference)

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

#### FNC (Function)

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

#### HOLD

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

#### LNR/SPD

(Last Number Call/Speed Calling)

Press key to activate Last Number Call redial and Speed Calling.

#### RECALL

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

#### SPKR (Speaker)

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

#### TRF (Transfer)

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



## 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 D<sup>sr</sup>\* features available by pressing the programmable keys. Some features may be programmed by the user. Others must be programmed by the telephone system administrator.*

### AICM

Press key to activate Automatic Intercom.

### DICM

Press key to activate Dial Intercom.

### DND (Do Not Disturb)

Press key to activate or cancel Privacy feature.

### DTX

Press key to transfer a call from a voice line to the data line.

### FWD

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

### **FWD-BY**

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

### **FWD-NA**

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

### **MICM**

Press key to activate Manual Intercom.

### **MSG (Message)**

Press key to leave message indication at station in no answer or busy condition.

### **MW-SET**

Press key to leave message waiting indication on boss' station from secretary's station.

### **MW-CANCEL**

Press key to cancel message waiting indication on boss' station from secretary's station.

### **P-RLS**

Press key to release Privacy feature.

### **S&R (Save and Repeat)**

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

### **SIG**

Press key to cause chime at predetermined station.

### **SUBLINE APPEARANCE**

A programmable extra extension key.  
Press key to see status of extra extension.

## LAMPS

### Call Indicator Lamp

Lamp at top of D<sup>term</sup> flashes when a call terminates to the terminal. Lamp lights steadily when a message has been left.

## LCD

Liquid Crystal Diode (LCD) display provides D<sup>term</sup> activity information plus date and time.

## 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.

## FUNCTION KEY ACTIVITIES

**FNC + 1** = Turns microphone on or off.

**FNC + 2** = Adjusts handset receiver volume.

**FNC + 3** = Selects ringer tone.

**FNC + 4** = Adjusts transmission/receiving volume.

**FNC + 5** = Activates hands-free operation.

**FNC + 6** = Deactivates hands-free operation.

**FNC + 7** = Turns call indicator lamp on or off for incoming call notification.  
*(If turned off, this lamp will still light to indicate message waiting.)*

## TERMINAL SETUP FUNCTIONS

.....

### MICROPHONE ON/OFF

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

*To change microphone status:*

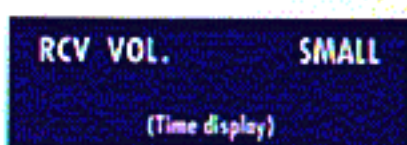
- ◆ Press **FNC** and **1** to turn the microphone from on to off, or from off to on.

### TO ADJUST INITIAL RECEIVING VOLUME

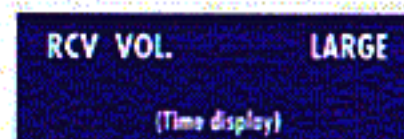
Handset receiver volume can be changed.

*To change the handset receiver volume:*

- ◆ Press **FNC** and **2**.  
The LCD displays the current volume.



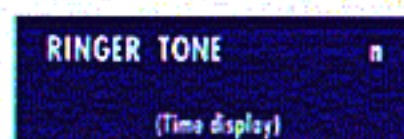
- ◆ Press **FNC** and **2** to alternate between Small and Large volume.



### TO SELECT RINGER TONE

The D<sup>CTM</sup> Series III has 4 kinds of ringer tones that you can select.

- ◆ Press **FNC** and **3**.  
The LCD displays the selected tone number (n=1~4).



TONE NO.	FREQUENCY (Hz)	MODULATION (Hz)
1	480/606	16
2	480/606	8
3	1285/1024	16
4	600/700	16

## TO ADJUST TRANSMISSION/RECEIVING VOLUME

Handset volume can be changed permanently.

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

T/R VOL.      SMALL  
(Time display)

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

T/R VOL.      LARGE  
(Time display)

## TO ACTIVATE HANDS-FREE

To set hands-free on:

- ◆ Press **FNC** and **5**.  
The LCD displays:

HANDS FREE      ON  
(Time display)

To set hands-free off:

- ◆ Press **FNC** and **6**.  
The LCD displays:

HANDS FREE      OFF  
(Time display)

## CALL INDICATOR LAMP ON/OFF

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

- ◆ Press **FNC** and **7**.  
The LCD displays:

INDICATOR      ON  
(Time display)

INDICATOR      OFF  
(Time display)

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



## TO ORIGINATE AN OUTSIDE CALL

---

- ◆ Lift handset or press **SPKR** key, receive dial tone.
- ◆ Dial the Central Office access code, e.g. 9.
- ◆ Dial desired telephone number.
- ◆ Use handset or MIC to converse. Display indicates:

Elapsed time	Trunk type	Trunk number
15:39	WATS	3

(Time display)

## TO ORIGINATE AN INTERNAL CALL

---

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

## TRUNK LINE APPEARANCE

.....

### TO ORIGINATE

- ◆ Press the **TRUNK LINE APPEARANCE** feature key.
- ◆ Lift handset or press **SPKR**, receive Central Office or distant PBX dial tone.
- ◆ Dial the destination.

### TO ANSWER

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

## TO ORIGINATE A CALL USING SPEED CALLING (ONE-TOUCH BUTTONS)

.....

- ◆ Press desired **SPEED CALL** button, or press **SPKR** and **SPEED CALL**.

### TO PROGRAM

(Available only on D<sup>trm</sup> stations with speed calling keys.)

- ◆ Press **FNC** button.
- ◆ Press desired **SPEED CALL** button.
- ◆ Enter desired telephone number or feature code on the keypad. Display indicates digits dialed.
- ◆ Press **FNC** again to save the number.

SPD SET

(Time display)

## TO VERIFY

- ◆ Press **FNC** button.
- ◆ Press desired **SPEED CALL** button.
- ◆ Display indicates digits programmed.

NOTE 1: To program a hookswitch for transfer or feature activation, press **RECALL** key as first digit (1 displays on LCD).

NOTE 2: To program a pause, press **RECALL** key as any digit other than the first digit (= displays on LCD).

NOTE 3: To program a Voice Call, press **TRF** key after dialing station number (V displays on LCD).

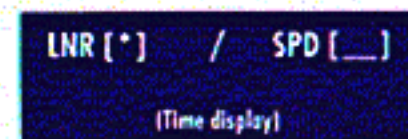
NOTE 4: Speed calling for feature access:  
Speed call keys may be used as feature keys by storing the NEAX2400 feature access codes. The features may be programmed on a system basis by the PBX engineer.

Access codes may be stored in conjunction with telephone numbers. For example, one button can be programmed by the user to transfer to a certain extension.

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

.....

- ◆ Press the **LNR/SPD** button.
- ◆ Press the desired speed calling number.



## ACCOUNT CODE

.....

### TO ENTER

- ◆ Lift handset or press **SPKR**, 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 **SPKR**, 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 15 digits combined.

## FORCED ACCOUNT CODE

.....

- ◆ Lift handset or press **SPKR**, 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 **SPKR**, receive dial tone.
- ◆ Enter feature access code, receive service set tone.
- ◆ Enter Authorization Code (up to 10 digits).
- ◆ Receive dial tone, dial desired number.

– OR –

- ◆ Lift handset, receive dial tone.
- ◆ Dial desired number.
- ◆ If an Authorization Code is required, caller hears special dial tone.
- ◆ Enter Authorization Code, or call will be denied.

NOTE: This option is available only if system is programmed with Least Cost Routing.

### TO ENTER WITH ACCOUNT CODE (SEE ABOVE)

Service set tone is optional depending upon system programming.

NOTE: If a 16- or 24-button display terminal is used, the display indicates all of the digits dialed.

## VOICE CALL

.....

- ◆ Lift handset.
- ◆ Dial desired station number.
- ◆ Press **VOICE**.
- ◆ Speak to called party.

VCL 2000  
(Time display)

NOTE 1: A Voice Call may be programmed on a one-touch speed key by pressing **SPEED DIAL** button, dialing the extension, and pressing the **TRF** key (**V** displays if programming on an LCD Display D<sup>SM</sup>. Save by pressing **SPEED DIAL** again).

NOTE 2: If called party is on their line when a Voice Call is attempted, calling station's display indicates:

VCL BSY  
(Time display)

NOTE 3: A voice call is restricted if called party's station is not a D<sup>SM</sup>. Display indicates:

VCL RST  
(Time display)

## TO ANSWER A VOICE CALL HANDS FREE

---

- ◆ Receive incoming Voice Call.
- ◆ Press **MIC** feature key or **FNC** and **1**. **MIC** LED lights.
- ◆ Respond hands-free.

NOTE: If privacy is required, lift handset.



## AUTOMATIC INTERCOM

---

### TO INITIATE

- ◆ Lift handset or press **SPKR** key.
- ◆ Press **AICM** key.
- ◆ Hear ringback tone.



### TO ANSWER

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

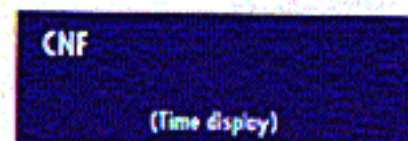
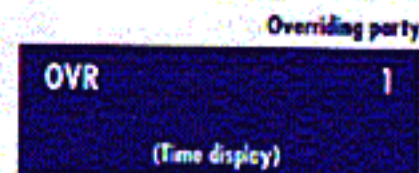


- ◆ Press **AICM**, lift handset or press **SPKR**. LED lights solid green.
- ◆ If called station is engaged in a non-intercom call, the station may press **AICM** after placing original caller on hold (with **HOLD** key).

### TO BRIDGE INTO AN AUTOMATIC INTERCOM CALL

NOTE: Bridging is an optional feature.

- ◆ Press the **AICM** key, lift handset or press **SPKR**.
- ◆ A three-party conference is established.



NOTE: Pressing **AICM** on a station with one intercom button connects that station to one pre-defined extension.

## MANUAL INTERCOM

.....

### TO INITIATE

- ◆ Press **MICM**, lift handset or press **SPKR**, ringback tone is heard.



- ◆ Press the **SIG** key if it is desired for the called station to hear ringing.

### TO ANSWER

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



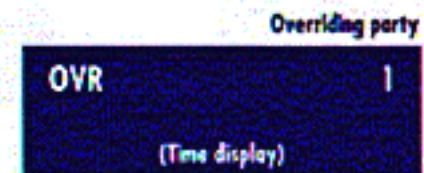
- ◆ Press **MICM**.
- ◆ Lift handset or press **SPKR**, LED lights solid green.

- ◆ If called station is engaged in a non-intercom call, the station may press **MICM** after placing original caller on hold (with **HOLD** key).

### TO BRIDGE INTO A MANUAL INTERCOM CALL

NOTE: Bridging is an optional feature.

- ◆ Press **MICM**, lift handset or press **SPKR**.



- ◆ A three-party conference is established.



NOTE 1: The **SIG** key signals the corresponding station when speaking over the intercom path is unnecessary.

NOTE 2: Two-button Manual Intercom provides one button for signaling and one for talking. A separate signaling button can be used in many ways for the secretary to alert a boss or visa versa.

## DIAL INTERCOM

.....

### TO INITIATE

- ◆ Lift handset or press **SPKR** key.
- ◆ Press **DICM** key.
- ◆ Dial desired intercom station number. Receive ringback tone.



### TO ANSWER

- ◆ **DICM** LED flashes, indicating an incoming intercom call.
- ◆ Press **DICM**.
- ◆ Lift handset or press **SPKR**. LCD shows solid green.

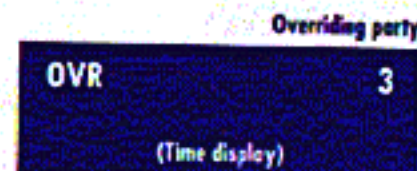
- ◆ If called station is engaged in a non-intercom call, the station may press **DICM** after placing the original call on hold (with the **HOLD** key).



### TO BRIDGE INTO A DIAL INTERCOM CALL

NOTE: Bridging is an optional feature.

- ◆ Press the **DICM** key, lift handset or press **SPKR**.
- ◆ A three-party conference is established.



NOTE: Dial intercom provides a Dial Intercom group where each member of the group may be called by a 1- or 2-digit number without using their prime lines.



## TO PLACE A CALL ON HOLD

---

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



NOTE: If held line appears on other D<sup>term</sup> stations, the associated LED flashes red slowly.

## TO RETRIEVE

- ◆ Lift handset or press **SPKR**.
- ◆ 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 1: A transfer or conference call may be placed on hold depending on software level of the NEAX2400 IMS.

NOTE 2: 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 D<sup>term</sup> station, LED remains steadily lit red.



## CONFERENCE

---

- ◆ With call in progress, ask party to hold.
- ◆ Press **TRF**, receive interrupted dial tone.
- ◆ Dial desired number.
- ◆ After call is answered, press **CNF**.  
**CNF** LED lights.
- ◆ Three-way conference is established.
- ◆ If one party hangs up, other two remain connected. **CNF** LED goes out.



## TO ESTABLISH A BROKER CALL

---

- ◆ While engaged in a call and wishing to consult a third party, press **TRF**. Caller is automatically placed on hold.
- ◆ Dial desired party to consult.
- ◆ Press **TRF** 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.

## TO ANSWER A CAMPED-ON CALL

.....

### (FROM THE ATTENDANT)

- ◆ While engaged in a call, receive the camp-on indication (one short tone burst). **ANSWER LED** flashes.
- ◆ Press **ANS**. Call in progress is placed on hold.
- ◆ Connection to camped-on call is established.
- ◆ Press **ANS** to return to original call. Camped-on call is placed on hold.
- ◆ By repeating these steps, it is possible to alternate between calls. Display indicates connected station or trunk at any given time.

Trunk type	Trunk number
CMP WATS	3
(Time display)	

## CALL WAITING – ORIGINATING

.....

### TO PROGRAM CALL WAITING KEY (ON ONE-TOUCH SPEED CALLING KEY)

- ◆ Press **FNC**.
- ◆ Press desired one-touch speed key.
- ◆ Press **RECALL**. I appears on LCD (See Note).
- ◆ Dial Call Waiting feature access code.
- ◆ Press **FNC**.

NOTE: To program a hook switch for transfer or feature activation, press **RECALL** as first digit. I displays on LCD.

## TO ACTIVATE CALL WAITING – ORIGINATING

- ◆ Dial desired station number, receive busy tone.
- ◆ Press **CALL WAITING**.
- ◆ Receive special ringback tone.

- ◆ Call Waiting tone is sent to busy station.

Called station number  
CW 2000  
(Time display)

– OR –

- ◆ Lift handset or press **SPKR**.
- ◆ Dial Call Waiting access code, receive dial tone.

CW  
(Time display)

- ◆ Dial busy station.

CW SET 2000  
(Time display)

## TO ANSWER A WAITING CALL

- ◆ Call Waiting tone is heard.
- ◆ Press **ANS**.
- ◆ Waiting call is automatically connected. Original party is placed on hold.
- ◆ By repeatedly pressing **ANS**, it is possible to alternate between calls. Display indicates connected station or trunk at any given time.

Calling station number  
CW 2001  
(Time display)

## TO DISCONNECT

- ◆ Press **RECALL**. Station user is automatically connected to original party.

## CALL PARK

.....

### TO PROGRAM CALL PARK KEY (ON ONE-TOUCH SPEED CALLING KEY)

- ◆ Press **FNC**.
- ◆ Press one-touch speed key.
- ◆ Press **RECALL**. 1 displays on LCD.
- ◆ Dial Call Park access code.
- ◆ Press **FNC** again.

### TO PARK A CALL

- ◆ While connected to a station or trunk, press **TRF** and dial the Call Park access code, or press **CALL PARK**.

Elapsed time  
10:01 WATS 2  
(Time display)

Parked station or trunk  
PRK SET WATS 3  
(Time display)

### TO RETRIEVE A PARKED CALL FROM ORIGINATING STATION

- ◆ Dial Call Park local retrieval code.
- ◆ Station user is connected to parked call.

Elapsed time  
10:01 WATS 2  
(Time display)

### TO RETRIEVE A PARKED CALL FROM A REMOTE STATION

- ◆ Dial Call Park remote retrieval code and the station number from which the call was parked.
- ◆ Station user is connected to remotely parked call.

Station that parked the call  
2000 WATS 2  
(Time display)

## CALL PICK-UP (GROUP)

.....

### WHEN STATION WITHIN PICK-UP GROUP RINGS

- ◆ Lift handset.
- ◆ Press **CALL PICK-UP** or dial Call Pick-up access code (may be stored on one-touch speed calling key).
- ◆ Connection to calling party is established.
- ◆ If currently on a call, press **TRF** and dial Call Pick-up access code. The original party is placed on hold.

	Called station	Calling party	
PCK	2000	WATS	3
	(Time display)		

## CALL PICK-UP (DIRECT)

.....

### TO PROGRAM PICK-UP DIRECT KEY (ONE-TOUCH SPEED KEY)

- ◆ Press **FNC**.
- ◆ Press one-touch speed key.
- ◆ Dial Direct Call Pick-up access code.
- ◆ Press **FNC** again.

### WHEN A STATION WITHIN THE SYSTEM RINGS

- ◆ Lift handset, receive dial tone.
- ◆ Press **PICK-DIRECT** and dial the station number to be picked up.

- OR -

- ◆ Dial Direct Call Pick-up access code and the station number to be picked up.
- ◆ Connection to calling party is established.
- ◆ If busy, original call must be placed on hold before new call can be picked up.

Called station	Calling party
PCK 2000	WATS 3

(Time display)

## OUTGOING TRUNK QUEUING

.....

### IF TRUNK BUSY

- ◆ Receive Trunk Busy indication. Press **CALL BACK**. Call is placed in queue for next available trunk.

OGO SET
---------

(Time display)

- ◆ When trunk is available, setting station is alerted by ringing and flashing red LED.
- ◆ Press **SPKR** or lift handset. Dial tone is heard or number is automatically dialed if NEAX2400 IMS is programmed with Least Cost Routing.

## OFF-HOOK TRUNK QUEUING

.....

- ◆ Press **SPKR**, receive dial tone.
- ◆ Dial Off-hook Queuing access code.
- ◆ Dial desired telephone number. Encounter a trunk busy condition.
- ◆ Station user receives service set tone and leaves speaker on.
- ◆ The desired number is automatically dialed when a trunk becomes available.



## EXECUTIVE OVERRIDE

.....

### IF CALLED STATION IS BUSY

- ◆ Press **VERRIDE**.

- ◆ Interrupted parties receive warning tone.

Overridden station

<b>OVR</b>	<b>2001</b>
<small>(Time display)</small>	

- ◆ Three-way conference is initiated.

<b>CNF</b>
<small>(Time display)</small>

- ◆ **CNF** LED lights.

NOTE: Override may be programmed by the NEAX2400 IMS engineer for one of the Programmable Line/Feature keys, or may be programmed by the user on a one-touch speed calling key by storing the Recall and Override access code.

## LAST NUMBER REDIAL

.....

### TO RECALL THE LAST NUMBER DIALED

- ◆ Press **LNR/SPD**.  
Receive dial tone.

<b>LNR [ * ]</b>	<b>/</b>	<b>SPD [ ]</b>
<small>(Time display)</small>		

- ◆ Press **\***. Outside or internal station is automatically redialed.
- ◆ When party has answered, lift handset to converse.

## CALL FORWARDING – ALL CALLS

.....

### TO SET

- ◆ Press **SPKR**. Receive dial tone.
- ◆ If setting for another station, press **SUBLINE APPEARANCE**.
- ◆ Press **FWD** or dial Call Forwarding access code. Receive special dial tone.
- ◆ Dial destination station or external telephone number. Receive service set tone.
- ◆ **FWD** LED lights (at your station or at the **D<sup>term</sup>** of the subline station you are setting).
- ◆ Press **SPKR**. Call Forwarding for all calls is set.

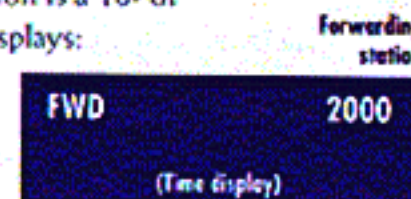


**FWD SET**  
(Time display)

### TO VERIFY (WITH 16- OR 24-BUTTON **D<sup>term</sup>**)

- ◆ Press **FWD**.
- ◆ Display indicates the station number calls are forwarded to.

NOTE: If recipient station is a 16- or 24-button **D<sup>term</sup>**, LCD displays:



**Forwarding station**  
**FWD 2000**  
(Time display)

### TO CANCEL

- ◆ Press **SPKR**. Receive dial tone. If cancelling for another station, press **SUBLINE APPEARANCE**.
- ◆ Press **FWD** or dial Call Forwarding cancel code. Receive service set tone. LED goes out at your station (or the **D<sup>term</sup>** of the subline station).
- ◆ Press **SPKR**. Call Forwarding is cancelled.



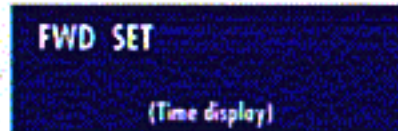
**FWD CNL**  
(Time display)

## CALL FORWARDING – BUSY

.....

### TO SET

- ◆ Press **SPKR**. Receive dial tone.
- ◆ If setting for another station, press **SUBLINE APPEARANCE**.
- ◆ Press **FWD-BY** or dial Call Forwarding – Busy access code. Receive special dial tone.
- ◆ Dial destination station or external telephone number. Receive service set tone.
- ◆ **FWD** LED lights (at your station or at the **D<sup>term</sup>** of the subline station you are setting).
- ◆ Press **SPKR**.  
Call Forwarding – Busy is set.



FWD SET  
(Time display)

### TO VERIFY (WITH 16- OR 24-BUTTON **D<sup>term</sup>**)

- ◆ Press **FWD-BY**.
- ◆ Display indicates the station number calls are forwarded to.

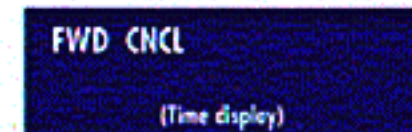
NOTE: If recipient station is a 16- or 24-button **D<sup>term</sup>**, LCD displays:



Forwarding station  
FWD 2000  
(Time display)

### TO CANCEL

- ◆ Press **SPKR**. Receive dial tone. If cancelling for another station, press **SUBLINE APPEARANCE**.
- ◆ Press **FWD-BY** or dial Call Forwarding – Busy cancel code. Receive service set tone. LED goes out at your station (or the **D<sup>term</sup>** of the subline station).
- ◆ Press **SPKR**. Call Forwarding is cancelled.



FWD CNCL  
(Time display)

## CALL FORWARDING – NO ANSWER

.....

### TO SET

- ◆ Press **SPKR**. Receive dial tone.
- ◆ If setting for another station, press **SUBLINE APPEARANCE**
- ◆ Press **FWD-NA** or dial Call Forwarding – No Answer access code. Receive special dial tone.
- ◆ Dial destination station or external telephone number. Receive service set tone.
- ◆ **FWD** LED lights (at your station or at the **D<sup>term</sup>** of the subline station you are setting).
- ◆ Press **SPKR**.  
Call Forwarding –  
No Answer is set.

**FWD SET**  
(Time display)

### TO VERIFY

- ◆ If verifying for another station, press **SUBLINE APPEARANCE** while idle.
- ◆ Press **FWD-NA**.
- ◆ Display indicates the station number calls are forwarded to.

NOTE 1: If recipient station is a 16- or 24-button **D<sup>term</sup>**, LCD displays:

**FWD** **2000**  
Forwarding station  
(Time display)

NOTE 2: Call Forwarding for Busy and No Answer may be combined depending upon system programming.

## TO CANCEL

- ◆ Press **SPKR**. Receive dial tone. If cancelling for another station, press **SUBLINE APPEARANCE**.
- ◆ Press **FWD-NA** or dial Call Forwarding – No Answer cancel code. Receive service set tone. LED goes out at your station (or the D<sup>term</sup> of the subline station).

<b>FWD CNCL</b>
(Time display)
- ◆ Press **SPKR**. Call Forwarding – No Answer is cancelled.

## CALL BACK

.....

### IF CALLED STATION IS BUSY

- ◆ Press **CALL BACK**. Receive service set tone.

	<b>Called party</b>
<b>CB SET</b>	<b>2000</b>
	(Time display)

## - OR -

- ◆ Press **FLASH** key and enter Call Back access code.
- ◆ When both parties become idle, calling party's phone rings. Calling party would go off hook and hear ring back tone. The called station would then be ringing.

	<b>Called party</b>
<b>CB</b>	<b>2000</b>
	(Time display)

	<b>Calling party</b>
<b>CB</b>	<b>2001</b>
	(Time display)

- ◆ Lift handset.
- ◆ The called party's phone rings.
- ◆ Connection is established when the called party answers.

NOTE: Call Back may be programmed by the PBX Engineer on a Programmable Line/Feature Key or by the user on a one-touch speed calling key.

## TO SAVE AND REPEAT A NUMBER

.....

### TO SAVE

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

— **OR** —

- ◆ Receive internal call.
- ◆ Press **S & R**. Number is stored in memory.
- ◆ **S & R** LED lights.

### TO VERIFY (FOR 16- OR 24-BUTTON D<sup>TERM</sup>)

- ◆ While idle, press **S & R**.
- ◆ Display indicates digits stored.

### TO REPEAT

- ◆ Press **SPKR**.
- ◆ Press **S & R**. D<sup>term</sup> automatically redials  
the programmed number.
- ◆ **S & R** automatically cancelled. LED goes out.

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

## TO LEAVE A MESSAGE

.....

- ◆ Press **SPKR**. Receive dial tone.
- ◆ Dial desired station number. Encounter  
no answer or busy condition.

- ◆ Press **MSG**. Message is sent to called D<sup>term</sup>

Called station

**MSG SET**      2001

(Time display)

- ◆ Called station **MSG** LED lights.

NOTE 1: Up to four messages can be stored in D<sup>term</sup> memory.

NOTE 2: If a fifth message is attempted, reorder tone is heard and display indicates:

**MSG BSY**

(Time display)

NOTE 3: If station is not equipped to receive messages, reorder tone is heard and display indicates:

**MSG RST**

(Time display)

## TO ANSWER A MESSAGE

.....

### TO DISPLAY

- ◆ **MSG** LED is lit. Station is idle.

- ◆ Press **MSG**.

- ◆ Press **MSG** again to display additional messages in order received.

Calling station

**MSG 2001**      12:28PM

(Time display)

### TO RESPOND

- ◆ While displaying desired message, press **SPKR**
- ◆ Press **MSG**. Station which left message is automatically redialed.
- ◆ Message is erased.

## TO ERASE

- ◆ To erase a message without returning the call, press **MSG** to display desired message.
- ◆ Dial # while message displays. Message is erased.

MSG CNCL

(Time display)

NOTE 1: If using an 8-button D<sup>™</sup>, messages cannot be displayed. User must press **MSG** while off-hook to return call.

NOTE 2: If station that left message is busy, callback or **MSG** may be set. If station that left message does not answer, **MSG** may be set, notifying originating party that a message return was attempted.

## MEET-ME PAGE

.....

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

## TO PAGE (STATION A)

- ◆ Dial Paging access code, receive continuous ringback for one second.

PG

3

(Time display)

- ◆ Page Station B.
- ◆ Remain off hook or hang up.

## TO ANSWER (STATION B)

*If Station A remains off book:*

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

PG

3

(Time display)



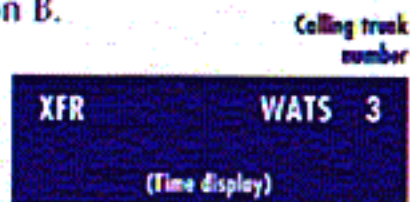
*If Station A hung up:*

- ◆ Station B dials paging answer code, and Station A D<sup>trm</sup> rings.
- ◆ When Station A goes off-hook, they are connected.

## PAGING TRANSFER

.....

Example: Station A receives an important call for Station B who is not at a desk. Station A can page Station B. When Station B dials the Paging answer code, Station A can announce the call and transfer it to Station B.



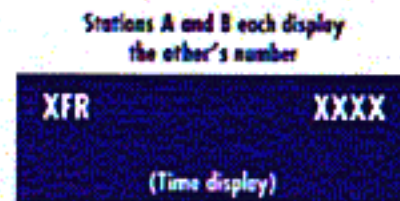
## STATION A PAGING

- ◆ Ask calling party to hold.
- ◆ Press TRF. Receive interrupted dial tone.
- ◆ Dial Paging access code. Receive continuous ringback for one second.
- ◆ Page Station B.
- ◆ Remain off-hook or hang up.

## TO ANSWER (STATION B)

*If Station A remained off hook:*

- ◆ Station B dials Paging answer code, and is connected with Station A. Station A announces call.
- ◆ Station A hangs up. Station B and the calling party are connected.



If Station A hung up:

- ◆ Station B dials Paging answer code. Station A D<sup>term</sup> rings.

XFR WATS 3  
(Time display)

- ◆ Station A picks up and announces call.
- ◆ Station A hangs up. Station B and the calling party are connected.

Calling trunk number  
WATS 3  
(Time display)

— OR —

(Dependent on System Programming)

- ◆ Station B dials Paging answer code, and is immediately connected to the calling party.

PG WATS 3  
(Time display)

## BOSS/SECRETARY TRANSFER

.....

### SECRETARY

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

Calling party  
WATS 3  
(Time display)

- ◆ Press boss' line again. Voice Call is automatically established.

Boss and secretary station each display the other's number  
ICM XXXX  
(Time display)

- ◆ 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 boss' line to return to calling party.

## BOSS/SECRETARY – MW LAMP CONTROL

.....

### TO SET MW AT BOSS' STATION

*With caller on the line:*

- ◆ Lift handset or press **SPKR**.
- ◆ Press boss' ringing line. Ask calling party to hold.
- ◆ Press **MW-SET** line/feature key. No service set tone is heard.



**MW SET**

(Time display)

Boss sees **MW** on 16DC and 24DS display D<sup>icm</sup> and can call secretary to receive message.

*Without caller on the line:*

- ◆ After taking message, press **RECALL** and receive dial tone.
- ◆ Press **MW-SET** line/feature key. Receive service set tone.



**MW SET**

(Time display)

NOTE: The secretary can hang up after taking a message, and set a message lamp at any time by going off-hook on the boss' subline and pressing the **MW-SET** key.

### TO CANCEL AT BOSS' STATION

*Without caller on the line:*

- ◆ Lift handset or press **SPKR**. Receive dial tone.
- ◆ Press Boss' line appearance.

- ◆ Press **MW-CANCEL** line/feature key. Receive service set tone.

MW CNCL  
(Time display)

*With caller on line:*

- ◆ While engaged in conversation on boss' subline, press **MW-CANCEL** key. No service set tone is heard.

MW CNCL  
(Time display)

## BOSS/SECRETARY OVERRIDE

.....

Example: Station 2000 is boss, Station 2001 is secretary. Boss is connected to Trunk A. Incoming call on Trunk B connects to secretary, but is intended for boss.

## TO PROGRAM BOSS/SECRETARY OVERRIDE KEY

- ◆ Press **FNC**.
- ◆ Press a Speed Calling key.
- ◆ Dial Boss/Secretary Override access code.
- ◆ Press **RECALL** - displays on LCD.
- ◆ Dial boss' station number.
- ◆ Press **FNC** again.

## SECRETARY

- ◆ Lift handset to answer Trunk B, ask caller to hold.
- ◆ Press **CALL HOLD** feature key or **TRF** and dial call hold access code. Receive dial tone.
- ◆ Press **BOSS/SEC OVERRIDE**. Receive ringback tone.

Boss' station number  
 CW 2000  
 (Time display)

## BOSS

- ◆ Hear 3 bursts of tone. LCD display indicates:



### Option 1

- ◆ Boss presses **ANS** and converses with secretary. Trunk A is placed on hold.
- ◆ Secretary hangs up. Boss is connected to Trunk B.
- ◆ Boss can alternate between the two parties by pressing **ANS**.

### Option 2

- ◆ Boss presses **ANS** and converses with secretary. Trunk A is placed on hold.
- ◆ Boss presses station 2001 key and converses with Trunk B. Boss presses **ANS** to reconnect to Trunk A.

- ◆ Secretary hears reorder tone, hangs up.
- ◆ Boss can alternate between the two parties by pressing **ANS**.

### Option 3

- ◆ If boss does not respond to 3 bursts of tone, secretary presses **RECALL**.
- ◆ Secretary is connected to Trunk B.

### Option 4

- ◆ Boss presses **ANS** and converses with Secretary. Trunk A is placed on hold.
- ◆ Boss denies call, presses **TRF** to return to Trunk A.
- ◆ Secretary is returned to Trunk B.

NOTE: If boss has 16- or 24-button display terminal, display always indicates the connected station or trunk at any given time.

## DO NOT DISTURB

---

### WHILE IDLE (ON HOOK)

- ◆ Press **DND**.  
LED lights.

**DND SET**

(Time display)

### TO CANCEL

- ◆ Press **DND**.  
LED goes out.

**DND CNCL**

(Time display)

**NOTE:** **DND** must be programmed by the PBX engineer on a programmable feature key.

## PRIVACY

---

### WHILE OFF-HOOK

- ◆ Press **DND**.  
LED lights.

**PRV SET**

(Time display)

- ◆ Privacy feature prevents interruptions for the duration of the call.

### TO CANCEL

- ◆ Press **DND**. LED goes out.

**PRV CNCL**

(Time display)

— OR —


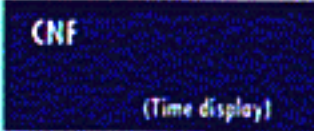
- ◆ Replace handset. Privacy feature is automatically cancelled.

**NOTE:** **DND** must be programmed by the PBX engineer on a programmable feature key.

## PRIVACY RELEASE

.....

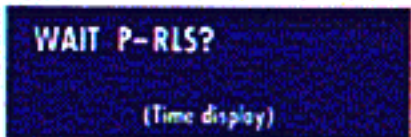
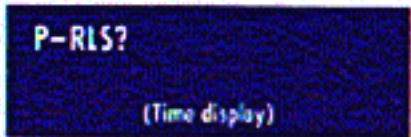

Example: D<sup>term</sup> Station B is engaged in a conversation, and allows D<sup>term</sup> Station A to enter the call in progress.

- ◆ Station B, while engaged in conversation, presses **P-RLS** key. Lamp flashes. 
- ◆ Station A lifts handset or presses **SPKR**.
- ◆ Station A presses the line appearance of Station B.
- ◆ Warning tone is sent to the interrupted parties (optional).
- ◆ A three-way conference is established. 

NOTE: Station A may also be a single-line station as long as it appears on the Station B D<sup>term</sup>.

– OR –

Example: D<sup>term</sup> Station A requests entrance into Station B's call in progress.

- ◆ Station A lifts handset or presses **SPKR**.
- ◆ Station A presses the line appearance of Station B. 
- ◆ Station B LCD indicates: 
- ◆ Station B may allow Station A to enter the conversation by pressing **P-RLS**.
- ◆ Warning tone is sent to the interrupted parties (optional).
- ◆ A three-way conference is established. 

NOTE 1: Station A can be a single-line station if it appears on the Station B D<sup>term</sup>.

NOTE 2: Up to six parties can break into a two-party conversation (additional hardware required).

## DATA FEATURES

### DATA FEATURES (INTERNAL)

*To send data to an internal station when no voice communication is taking place:*

- ◆ Originating station presses **DATA**.  
Lamp flashes.

- ◆ Dial receiving station's data extension.

Calling and called party's displays show each other's number

D      DTE      XXXX  
(Time display)

- ◆ Receiving station presses **DATA**.

NOTE: If receiving station is programmed for Auto Answer, disregard this step.

- ◆ Data connection is established, lamp lights steadily.

RDY D YYY      XXXX  
(Time display)

- ◆ To disconnect from data call, either station presses **DATA**.

RLS D DTE      XXXX  
(Time display)

NOTE 1: If called data party is busy, display indicates:

BSY D DTE      XXXX  
(Time display)

NOTE 2: If called data party is restricted, display indicates:

RLS D DTE      XXXX  
(Time display)

### TO ACTIVATE SIMULTANEOUS VOICE/DATA TRANSMISSION

- ◆ To send data to the same station already involved in voice conversation, originating station presses **DTX**.

D      DTE      XXXX  
(Time display)



◆ Receiving station presses **DATA**.

NOTE: If receiving station is programmed for Auto Answer, disregard this step.

◆ Data connection is established.

RDY D YYY XXXX  
(Time display)

◆ Voice conversation can be terminated by either station without affecting data connection.

◆ To disconnect from data connection, either station can press **DATA**.

RLS D DTE XXXX  
(Time display)

### TO SEND DATA TO A STATION WHILE INVOLVED IN A VOICE CONNECTION WITH ANOTHER STATION

◆ Originating station presses **DATA** and dials the data port number of the receiving station.

D DTE XXXX  
(Time display)

◆ Receiving station presses **DATA**.

NOTE: If receiving station is programmed for Auto Answer, disregard this step.

◆ Data connection is established while voice conversation continues. Voice conversation can be disconnected without affecting data connection.

RDY D DTE XXXX  
(Time display)

◆ To disconnect from data connection, either station can press **DATA** at any time.

RLS D DTE XXXX  
(Time display)

### TO PLACE A DATA HOTLINE CALL

◆ Press **DATA**, LED flashes.

D DTE XXXX  
(Time display)

◆ When the called station answers, the **DATA** LED lights steadily.

RDY D DTE XXXX  
(Time display)

## TO RELEASE FROM A DATA HOTLINE CALL

- ◆ Press **DATA**.  
LED goes out.

RLS D DTE XXXX  
(Time display)

## DATA FEATURES (EXTERNAL)

*Internal party originates a data call via modem pooling:*

- ◆ Internal station user initiates a voice call to an external party.
- ◆ External party switches over from voice to modem, or modem carrier tone is heard immediately.
- ◆ After hearing modem carrier tone, press **DTX**. **DATA** and **DTX** lamps light. Service set tone is heard.
- ◆ Called data terminal answers.

WAIT D WATS 3  
(Time display)

- ◆ Data connection is established. **DATA** and **DTX** lamps light. Replace handset.

RDY D WATS 3  
(Time display)

— OR —

- ◆ Press **DATA**.
- ◆ Dial external party.
- ◆ Called data terminal answers and NEAX2400 IMS recognizes carrier (No **DTX** key needed).
- ◆ Data connection is established.

WAIT D WATS 3  
(Time display)

RDY D WATS 3  
(Time display)

NOTE: Since this is a data call initially, the station user does not have to lift handset or listen for modem tones.

## INTERNAL PARTY RECEIVES A DATA CALL

- ◆ Station's data port will ring. **DATA** lamp flashes.

```
D          DDD3
          (Time display)
```

- ◆ Press **DATA** to answer.

NOTE: If receiving station is programmed for Auto Answer, disregard this step.

- ◆ Data connection is established.

```
RDY  D  DDD3
          (Time display)
```

## TO RELEASE FROM A MODEM CALL

- ◆ Press **DATA**.  
LED goes out.

```
RLS  D  DDD3
          (Time display)
```

## KEYBOARD DIALING (INTERNAL)

.....

### TO SEND DATA TO AN INTERNAL STATION WHEN NO VOICE COMMUNICATION IS TAKING PLACE (ASYNCHRONOUS)

- ◆ Type **DM CALL <CR>** from keyboard of data terminal.
- ◆ **DM CALL READY** displays on the data terminal screen.
- ◆ Type **DIAL-XXX <CR>** (where **XXX** is the called data station number).
- ◆ **CALLING** displays on the terminal screen.
- ◆ **OPEN** displays when the called station answers.
- ◆ Data connection is established.

NOTE: Called party answers by pressing **DATA** if not programmed to Auto-Answer.

### TO RELEASE FROM DATA CALL

- ◆ Type **<ESC> DM <CR>**.
- ◆ **ACK** displays on the terminal screen.
- ◆ Type **RLS**.
- ◆ **RELEASED** displays on the data terminal screen.

NOTE: If using keyboard dialing, the **DATA** key cannot be used to disconnect from a data call.

### TO ORIGINATE A DATA HOTLINE CALL

- ◆ Type **DM CALL <CR>** on the data terminal keyboard.
- ◆ **CALLING** displays on the terminal screen.
- ◆ **OPEN** displays when the called data station answers.
- ◆ Data connection is established.

NOTE: Called party answers by pressing **DATA** unless programmed to Auto-Answer.

### TO RELEASE FROM A DATA HOTLINE CALL

- ◆ Type **<ESC> DM <CR>** on the keyboard.
- ◆ **ACK** displays on the screen.
- ◆ Type **RLS <CR>**.
- ◆ **RELEASED** displays on the terminal screen.

NOTE 1: If using keyboard dialing, the **DATA** key cannot be used to disconnect from a data call.

NOTE 2: **<CR>** = Carriage Return key.  
**<ESC>** = Escape key.

NOTE 3: The Hayes AT command set is not available in place of the NEC DM command set shown above. Please ask an NEC representative for a copy of the Hayes AT Command Manual. With the AT command set, speed, profile, parity, etc. may be set via commands from the terminal.

## KEYBOARD DIALING (EXTERNAL)

.....

### TO INITIATE AN EXTERNAL CALL VIA MODEM POOLING

- ◆ Type **DM CALL <CR>** from keyboard of data terminal.
- ◆ **DM CALL READY** appears on the data terminal screen.
- ◆ Type distant data terminal's phone number. A modem is automatically selected.
- ◆ **OPEN** displays when the called station answers.
- ◆ Data connection is established.

### TO RELEASE FROM AN EXTERNAL DATA CALL

- ◆ Type **<ESC> DM <CR>**.
- ◆ **ACK** appears on the terminal screen.
- ◆ Type **RLS <CR>**.

### TO RECEIVE A MODEM CALL

- ◆ The remote caller has dialed the number and an incoming modem was automatically selected. Caller hears ringback tone.
- ◆ **INCOM** displays on the terminal screen and data port rings.
- ◆ Press **DATA** key to answer.

NOTE: If receiving station is programmed for Auto Answer, disregard this step.

- ◆ **WAITING** displays until remote terminal's **READY** response arrives.
- ◆ **OPEN** displays when data connection is established.

## TO RELEASE FROM EXTERNAL DATA CALL

- ◆ Type **<ESC> DM <CR>** on the keyboard.
- ◆ **ACK** displays on the screen.
- ◆ Type **RLS <CR>**.
- ◆ **RELEASED** displays on the terminal screen.

NOTE 1: If using keyboard dialing, the **DATA** key cannot be used to disconnect from a data call.

NOTE 2: **<CR>** = Carriage Return key.  
**<ESC>** = Escape key.

# INDEX

---

## A

Account Code	11
Answering a Camped-on Call	19
Answering a Message	30
Answering A Voice Call Hands Free	13
Authorization Code	11
Automatic Intercom	13

## B

Boss/Secretary – MW Lamp Control	34
Boss/Secretary Override	35
Boss/Secretary Transfer	33
Broker Call, Establishing	18

## C

Call Back	28
Call Forwarding – All Calls	25

Call Forwarding – Busy	26
Call Forwarding – No Answer	27
Call Park	21
Call Pick-up (Direct)	22
Call Pick-up (Group)	22
Call Transfer	17
Call Waiting – Originating	19
Camped-on Call, Answering	19
Conference	18

## D

Data Features	39
Dial Intercom	15
Do Not Disturb	37

## E

Establishing a Broker Call	18
Exclusive Hold	16
Executive Override	24

## **F**

Forced Account Code ..... 11

Function Keys and Lamps ..... 2

## **H**

Hold ..... 16

## **I**

Internal Call Origination ..... 8

## **K**

Keyboard Dialing (External) ..... 44

Keyboard Dialing (Internal) ..... 42

## **L**

Last Number Redial ..... 24

Leaving a Message ..... 29

## **M**

Manual Intercom ..... 14

Meet-me Page ..... 31

Message, Answering ..... 30

Message, Leaving ..... 29

## **N**

Number Save and Repeat ..... 29

## **O**

Off-hook Trunk Queueing ..... 23

Originating a Call Using Speed Calling  
(Individual/Group) ..... 10

Originating a Call Using Speed Calling  
(One-touch Buttons) ..... 9

Originating an Internal Call ..... 8

Originating an Outside Call ..... 8

Outgoing Trunk Queueing ..... 23

Outside Call Origination ..... 8



## **P**

Paging Transfer	32
Placing a Call on Exclusive Hold	16
Placing a Call on Hold	16
Privacy	37
Privacy Release	38

## **S**

Saving and Repeating a Number	29
Speed Calling Call Origination (One-touch Buttons)	9
Speed Calling Call Origination (Individual/Group)	10

## **T**

Terminal Setup Functions	6
Transferring A Call	17
Trunk Line Appearance	9

## **V**

Voice Call	12
Voice Call Hands Free, Answering	13

## LCD DISPLAYS

.....

### **15:39 WATS X**

Time elapsed, trunk type and number  
for outside call 8

Time elapsed for parked call 21

### **XXXX WATS X**

Parked call retrieved from a remote station,  
showing the number of the station that  
parked the call 21

## **B**

### **BSY D DTE XXXX**

Data station called is busy 39

## **C**

### **CB XXXX**

Call Back is activated, showing called  
or calling number 28

### **CB SET XXXX**

Call Back set for busy called station 28

### **CMP WATS X**

Camped on call placed on hold 19

## **CNF**

Three-party conference established 13,14,15,18

Conference for Executive Override 24

Conference for Privacy Release 38

**CW XXXX OR  
CW SET XXXX**

Call Waiting tone sent to or received at busy station showing called or calling number 20

Call received on boss' station from secretary's station 35,36

**D**

**D DDDX**  
Receiving external data call 42

**D DTE XXXX**  
Data Call showing calling and called party's numbers 39,40

**DND SET/CNCL**  
Do Not Disturb set or cancelled 37

**E**

**EHD XXXX**  
Station placed on Exclusive Hold 16

**F**

**FWD XXXX**  
Station displays forwarding destination:

Call Forwarding - All Calls 25

Call Forwarding - Busy 26

Call Forwarding - No Answer 27

**FWD SET/CNCL**  
Call Forwarding set or cancelled:

Call Forwarding - All Calls 25

Call Forwarding - Busy 26

Call Forwarding - No Answer 27,28

## H

### **HANDS FREE ON/OFF**

Hands free status 7

### **HLD XXXX**

Station placed on hold 16

## I

### **ICM X**

Intercom call with called or calling party number:

Automatic Intercom 13

Manual Intercom 14

Dial Intercom 15

Boss/Secretary Transfer 33

## **INDICATOR ON/OFF**

Indicator Lamp status 7

## L

### **LNR [\*] / SPD [ ]**

Prompt for last number called or Speed Calling number 10

Last number redial 24

## M

### **MSG XXXX HH:MMPM**

Message waiting (calling station and time of message) 30

### **MSG BSY**

Called station message memory  
Busy - cannot store additional messages 30

## **MSG CNCL**

Message erased 31

## **MSG RST**

Called station message receipt restricted -  
not equipped to receive messages 30

## **MSG SET XXXX**

Message indication left at busy called station 30

## **MW SET/CNCL**

Message Waiting set or cancelled  
on boss' station from secretary's station 34,35

## **O**

## **OGQ SET**

Outgoing Trunk Queue - call placed in  
queue for next available outgoing trunk 23

## **OVR X**

Overriding intercom call through bridging:

Automatic Intercom 13

Dial Intercom 15

Manual Intercom 14

## **OVR XXXX**

Executive Override 24

## **P**

## **PCK XXXX WATS X**

Call Pickup of station within group  
showing called and calling stations 22,23

## **PG X OR**

## **PG WATS X**

Ready to page station, page waiting,  
or page call connection 31,33

**PRK SET WATS X**

Incoming call is parked 21

**P-RLS SET**

Privacy Release set 38

**P-RLS?**

Prompt requesting privacy release for incoming call 38

**PRV SET/CNCL**

Privacy set or cancelled 37

**R****RCV VOL. SMALL/LARGE**

Receiver Volume status 6

**RINGER TONE X**

Ready for Ringer tone selection 6

**RDY D DDDX**

External incoming data connection established 42

**RDY D XXXX**

Data connection established 39, 40, 41

**RLS D DDDX**

External data connection released 42

**RLS D DTE XXXX**

Data call disconnected or called data party is restricted 39, 40, 41

Internal Data Call 40

**S****SPD SET**

Speed Calling number saved in memory 9

## T

### **T/R VOL SMALL/LARGE**

Transmission Receiving Volume status 7

## V

### **VCL XXXX**

Voice Call showing called or calling station number 12, 13

### **VCL BSY/RST**

Voice Call station called is busy or restricted 12

## W

### **WAIT D XXXX**

Waiting for the called party to answer 41

## **WAIT P-RLS?**

Prompt when requesting privacy release at another station 38

## X

### **XFR**

Ready to transfer a call 17

### **XFR XXXX**

Transferred station or trunk number 17

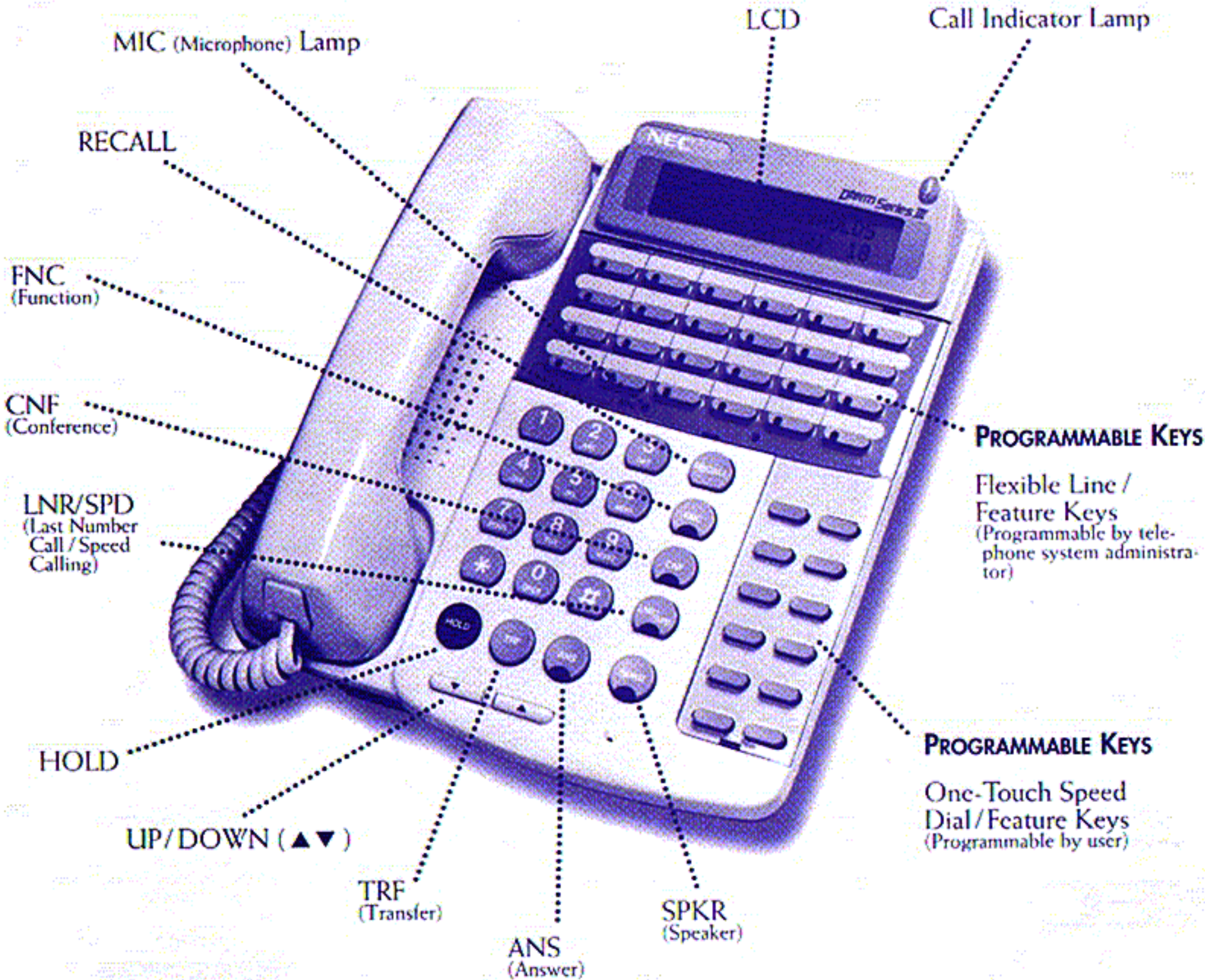
Page Call Transfer 32

### **XFR XXXX WATS X**

Transferring station number 17

### **XFR WATS 3**

Transferring page call to another station 32, 33





NEAX and D<sup>™</sup> are registered trademarks of  
NEC Corporation

**NEC**

For more information contact:  
NEC America, Inc.  
CPE Group  
1555 Walnut Hill Lane, Irving Texas 75038-3796  
1 800 TEAM NEC

200707

