NEAX 2400 IPX
Internet Protocol eXchange

D\textsuperscript{term} Series i / D\textsuperscript{term} IP USER'S GUIDE

SEPTEMBER, 2002
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Face Layout

Dterm8
(8-LINE NON DISPLAY)
Dterm16D
(16-LINE WITH DISPLAY)
1 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.

2 LCD (Note 1)
Liquid Crystal Diode (LCD) display provides Dterm activity information plus date, time, and Soft Key Operation.
The LCD display has 24-character, 3-line capability.

3 Exit
The user can escape from the Help key mode by pressing this key.

4 Soft Keys
Any feature shown at the bottom of the LCD display 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 display by pressing this key.

6 Programmable Keys
[Programmable by telephone system administrator (Flexible Line/Feature Keys)]
- Station line access
- Trunk line access
- Feature access
7 Recall
Press key to terminate established call and returns to the internal dial tone.

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

9 Directory (Note 3)
Press key to activate speed calling - system feature.

10 Message (Note 3)
Press key to access the voice mail system.

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

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

13 LNR/SPD (Last Number Call/Speed Calling)
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 + or # (Note 4) key to activate dialing.

14 Microphone
Built-in microphone is used for hands free operation with speakerphone.

15 Up/Down
(\( \uparrow \) DOWN \( \swarrow \) UP)
Used to adjust LCD contrast, speaker/receiver volume, and ringer volume.
- LCD Contrast:
  Press (\( \uparrow \)) or (\( \swarrow \)) key while idle.
- Speaker/Receiver Volume:
  Press (\( \uparrow \)) or (\( \swarrow \)) key during conversation.
- Ringer Volume:
  Press (\( \uparrow \)) or (\( \swarrow \)) key during ringing.

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

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

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

19 Hold
Press key to place an internal or external call on hold.
Dterm IP Adapter
Dterm IP adapter can be attached to Dterm Series i 8D/16D/32D terminals. It supports the same telephony service as the original Dterm terminal.

Note 1: Not applicable for Dterm 8.
Note 2: Not applicable for Dterm 8/8D/16D.
Note 3: Not available for Dterm 65/Dterm Series III and Dterm 75/Dterm Series E mode.
Dterm Series III/Dterm Series E: North America
Dterm 65/Dterm 75: Australia, Asia, Latin America, Middle East, Russia
Note 4: A-law Countries: #
µ-law Countries: ✗
**Keys and Lamps**

**Programmable Keys**

These are examples of Dterm® 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.

**FWD**
Press key to activate or cancel “Call Forwarding – All Calls” feature.

**FWD-BY**
Press key to activate, verify, or cancel “Call Forwarding – Busy Line” feature.

**FWD-NA**
Press key to activate, verify, or cancel “Call Forwarding – Don’t 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.

**MULTILINE APPEARANCE**
A programmable extra extension key. Press this key to see status of extra extension.

**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.

Lamps

Call Indicator Lamp
Lamp at top 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 Feature keys have a built-in Light Emitting Diode (LED) that lights or flashes according to the activity of that Feature key.

Function Key Activities

- Feature + 1 = Turns microphone on or off.
- Feature + 2 = Adjusts handset receiver volume
- Feature + 3 = Selects ringer tone
- Feature + 4 = Adjusts transmission/receiving volume
- Feature + 5 = Activates hands-free operation
- Feature + 6 = Deactivates hands-free operation
- Feature + 7 = Turns call indicator lamp on or off for incoming call notification. (If turned off, this lamp will still light to indicate message waiting.)
- Feature + 8 = Turns Dynamic Dial Pad on or off.
**Soft Keys**

<table>
<thead>
<tr>
<th>Exit</th>
<th>MIC</th>
<th>DND</th>
<th>Help</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>4051</td>
<td></td>
</tr>
<tr>
<td>7:35 AM MON 18 JUL 2002</td>
<td></td>
<td>&gt;&gt;&gt;</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Soft Key functionality is optional and may not be available on your Dterm Series i/Dterm IP telephone.

The Soft Keys on the Dterm Series i/Dterm IP 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 blinking names of available functions, names of user-assigned functions and names of functions assigned by a specific Soft Key pattern. The Soft Keys displayed can vary, depending on the state of the phone and/or when the Next/Previous button is pressed.

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

**Help Key**
Press the Help Key. Press 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.

**DND (Do Not Disturb)**
Press the Soft Key to allow denying access to the station line for incoming calls.
Default Function 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 state of the call, as shown below.

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

IDLE

(Time display)

MIC DND >>>

DIAL TONE/DIALING

(1) (Time display)

MIC PICK FDA >>>

Push >>>

(2) (Time display)

FDN FDB >>>

RINGING

(Time display)

MIC VOICE >>>
### BUSY

<table>
<thead>
<tr>
<th></th>
<th>BUSY</th>
<th>2000</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Time display)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MIC CB CW</td>
<td>&gt;&gt;&gt;</td>
</tr>
</tbody>
</table>

Push >>>

<table>
<thead>
<tr>
<th></th>
<th>BUSY</th>
<th>2000</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Time display)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>S&amp;R</td>
<td>&gt;&gt;&gt;</td>
</tr>
</tbody>
</table>

### CONNECTION

<table>
<thead>
<tr>
<th></th>
<th>2000</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Time display)</td>
</tr>
<tr>
<td></td>
<td>MIC DND</td>
</tr>
</tbody>
</table>

### CONSULTATION HOLD

<table>
<thead>
<tr>
<th>TRANSFER</th>
<th>2000</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Time display)</td>
<td></td>
</tr>
<tr>
<td>MIC CONF</td>
<td>&gt;&gt;&gt;</td>
</tr>
</tbody>
</table>
Soft Key Features

When the Soft Key corresponding to a desired function name is operated, the selected function name starts to blink on the LCD. The blinking display of available functions takes precedence over the display of functions specified by the Soft Key pattern.

FDB (Call Forwarding – Busy)
Permits a call to a busy station to be immediately forwarded to a predesignated station.

FDA (Call Forwarding – All Calls)
Permits all calls destined for a particular station to be routed to another station regardless of the busy or idle status of the called station.

FDL (Logged Out IP Station – Call Destination)
Enables a system to transfer the call to appropriate station when Dterm whose LOGGED OUT IP STATION – CALL DESTINATION has already been registered is in logout status.

E-OVR (Executive Override)
Enables selected station users, upon encountering a busy condition at an internal station, to bridge into the busy connection.

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

CB (Call Back)
Provides the ability for a calling station to set a CALL BACK. The calling station will be rung as soon as the busy station becomes available.

S&R (Save and Repeat)
Allows a station to save a specific dialed number and then redial that number later.

MWSET (Message Waiting – Set)
Allows a station to set a Message Waiting indication or lamp.

HOLD (Call Hold)
Permits a station user to hold a call in progress and to return to the previously held call.

MWOFF (Message Waiting – Cancel)
Allows a station to cancel a Message Waiting indication or lamp.
PICK (Call Pickup – Group)
Permits a station user to answer any calls directed to other lines in the user’s preset Call Pickup Group.

CONF (Three-way Calling)
Enables a station user to establish a three-way conference by connecting an additional party to an already existing conversation.

VOICE (Voice Call)
Enables the user to make a call to the called party’s built-in speaker. If the called party’s MIC is on, the called party can converse hands-free.

S-SPD (Speed Calling – System)
Allows a station user to call certain frequently dialed numbers using fewer digits (abbreviated call codes) than would normally be required.

CAS (CAS-Switch Hook Flash)
Allows the user to send a switchhook flash while on an outside trunk.

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

FLASH (Flash)
Provides the station with a switchhook flash.

FDN (Call Forward – No Answer)
Permits a call to an unanswered station to be forwarded to a predesignated station if the called station does not answer within a predetermined period of time.

C-RPT (ISDN Malicious Call Trace)
Allows the user to initiate a Call Trace on ISDN calls only.

G-SPD (Speed Calling – Group)
Allows a station user to share a set of common Speed Calling numbers with other station users in the group.

P-RLS (Privacy Release)
Allows another station to depress a busy line button and enter the conversation of a station already engaged in communication.

DND (Do Not Disturb)
Allows a station user to deny access to the station line for incoming calls.
MIC (Microphone On/Off)
Allows the user to turn the microphone on and off for use with the speakerphone.

BPAGE (Button Page)
Allows the user to assign two functions to each feature or speed key and to toggle between pages.

HSET (Headset)
Allows the user to go off- and on-hook when using the headset.

RLS (Release Key)
Allows the user to release the current call when using the headset, without waiting for the party to hang up.

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

CKEEP (Eight-Party Conference Retrain)
Allows all outside parties to stay on a conference when all internal parties hang up.

SCALL (Serial Call)
Allows the user to set Serial Call for the caller before extending the call, allowing the caller to receive an announce-
ment at the end of the call guiding the caller to dial the next number and subsequent numbers.

IZP (Internal Zone Paging)
Allows a user to make a voice call through the speakers of the designated group.

IDCHG (Call ID Change Display)
Allows the user to toggle between standard display and an alternate display.

GPICK (Call Pickup – Group Enhancement)
Allows the user to answer any ringing station within the user’s expanded call pickup group.

CHCNF (Call Hold – Conference)
Allows a station user to establish a conference connection by adding a third party, who is held on another line, to the existing two-party connection.
RMUTE (Ringer Mute)
Allows a station user to mute or recover station ringing.

>>> (Display Function Next Page)
Allows the user to scroll to the next display screen.

<<< (Display Function Previous Page)
Allows the user to scroll to the previous display screen.
Terminal Setup with the Up/Down Key

**Note:** Not Displayed for Dterm 65/Dterm Series III and Dterm 75/Dterm Series E mode.
- Dterm Series III/Dterm Series E: North America
- Dterm 65/Dterm 75: Australia, Asia, Latin America, Middle East, Russia

**To adjust the handset receiver volume**
Press the Up/Down key in the off-hook status or engaged in a call.
- LCD display for North America, Latin America, Asia, Middle East and Russia.

![HANDSET](image)
- LCD display for Australia.

![HANDSET](image)

**To adjust the speaker volume**
Press the Up/Down key during speakerphone operation or engaged in a call.

![SPEAKER](image)

**To adjust ringer tone**
Press the Up/Down key during ringing.

![RING](image)
To adjust LCD contrast
Press the Up/Down key in the on-hook status.

![LCD](image)
Terminal Setup with the Feature Key

Microphone On/Off

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

To change microphone status
☐ Press Soft Key associated with the MIC Display or press Feature and 1.

To adjust initial receiving volume

Handset receiver volume can be changed.

To change the handset receiver volume
☐ Press Feature and 2. The LCD displays the current volume status.

☐ Press Feature and 2 to alternate between Large and Small volume.

<table>
<thead>
<tr>
<th>RCV VOL. SMALL</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Time display)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RCV VOL. LARGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Time display)</td>
</tr>
</tbody>
</table>
To select ringer tone

The Dterm Series i/Dterm IP has 9 kinds of ringer tones that you can select.

Press Feature and 3. The LCD displays the selected tone number (n=1 ~ 9).

<table>
<thead>
<tr>
<th>Tone No.</th>
<th>Frequency (Hz)</th>
<th>Modulation (Hz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>520/660</td>
<td>16</td>
</tr>
<tr>
<td>2</td>
<td>520/660</td>
<td>8</td>
</tr>
<tr>
<td>3</td>
<td>1100/1400</td>
<td>16</td>
</tr>
<tr>
<td>4</td>
<td>660/760</td>
<td>16</td>
</tr>
<tr>
<td>5</td>
<td>Melody 1</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Melody 2</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Melody 3</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Melody 4</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Melody 5</td>
<td></td>
</tr>
</tbody>
</table>

Note: Tone number 5~9 may not be available in all feature packages.
To adjust transmission/receiving volume

Handset volume can be changed.
☐ Press Feature and 4. The LCD displays the current volume.

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

<table>
<thead>
<tr>
<th>T/R VOL. SMALL</th>
<th>Time display</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>T/R VOL. LARGE</th>
<th>Time display</th>
</tr>
</thead>
</table>

To activate hands-free

To set hands-free on:
☐ Press Feature and 5. The LCD displays:

<table>
<thead>
<tr>
<th>HANDS FREE ON</th>
<th>Time display</th>
</tr>
</thead>
</table>

To set hands-free off:
☐ Press Feature and 6. The LCD displays:

<table>
<thead>
<tr>
<th>HANDS FREE OFF</th>
<th>Time display</th>
</tr>
</thead>
</table>

Call Indicator lamp on/off

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

☐ Press Feature and 7. The LCD displays:

<table>
<thead>
<tr>
<th>Direct Dial Pad ON</th>
<th>Time display</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>INDICATOR OFF</th>
<th>Time display</th>
</tr>
</thead>
</table>

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

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

☐ Press Feature and 8. The LCD displays:

<table>
<thead>
<tr>
<th>Direct Dial Pad ON</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Time display)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Direct Dial Pad OFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Time display)</td>
</tr>
</tbody>
</table>

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.
Login/Logout (IP Enabled D\text{term}/D\text{term} IP Only)

To Login

When login mode is activated, following procedure is required.

☐ Enter login code and press SET key.
   (The station number is used as the Login code.)

☐ Enter the password and press OK key.

☐ If the login code is accepted, display changes to normal idle status.
To Logout

☐ Press the preassigned logout button on the terminal.

   Note 1: This location is an example.
   Note 2: Logout button is assigned by data setting at the PBX.

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

☐ Press the **logout** button on the terminal again.
To Originate an Outside Call

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

To Originate an Internal Call

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

Multiline Appearance

To originate

☐ Press the MULTILINE APPEARANCE feature key.
☐ Lift handset or press Speaker, receive Central Office or distant PBX dial tone.
☐ Dial the destination.

To answer

☐ Press the MULTILINE APPEARANCE feature key (ringing and flashing LED alert user to incoming call).
☐ Lift handset or press Speaker.
☐ Speak with incoming party.
To Originate a Call Using Speed Calling (One-touch Buttons)

☐ Press the desired Speed Call button, or press Speaker and Speed Call.

To program

(Available only on Dterm stations with speed calling keys.)
☐ Press Feature button.
☐ Press desired Speed Call button.
☐ Enter desired telephone number or feature code on the keypad.
   Display indicates digits dialed.
☐ Press Feature again to save the number.

To verify (with Dterm 8D/16D/32D)

☐ Press Feature button.
☐ Press desired Speed Dial button.
☐ Display indicates digits programmed.

Note 1: To program a hook switch for transfer or feature activation, press Recall key as first digit. (I displays on LCD.)
Note 2: To program a pause, press the Recall key as any digit other than the first digit. (– displays on LCD.)
Note 3: To program a Voice Call, press Transfer key after dialing station number. (V displays on LCD.)
Note 4: Speed calling for feature access:
   Speed call keys may use a feature key by storing the NEAX2400 IPX feature access code. 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 Redial button.
☐ Press the desired speed calling number.

LNR[*]/SPD[ ] –X

XXXXXX

To Originate a Call Using Speed Calling – System

To program Speed Calling – System key (on one-touch seed calling key)

☐ Press Feature key.
☐ Press desired one-touch speed key. The LCD displays previously stored digits.
☐ Dial the “Speed Calling – System” access code and .the abbreviated call code.
☐ Press Feature again.

SPEED SET
(Time display)

To operate from the Speed Calling – System key

☐ Press the “Speed Calling – System” key.

XXXX
(Time display)

☐ If the Dterm does not have the “Speed Calling – System” key, dial the “Speed Calling – System” access code, then the abbreviated call code.

To operate from the Directory key

☐ Press the Directory key.
☐ Dial the abbreviated call code (maximum of 4 digits).

XXXX
(Time display)
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 “Account Code”, receive dial tone, and dial desired number.

Note: Authorization and Account Codes may be up to 20 digits combined.

Forced Account Code

☐ Lift handset or press Speaker, receive dial tone.
☐ Enter feature access code, receive service set tone.
☐ Enter “Forced Account Code” (up to 10 digits), receive dial tone.
Authorization Code

To enter without account code

☐ Lift handset or press Speaker, receive dial tone.
☐ Enter feature access code, receive service set tone.
☐ Enter “Authorization Code” (up to 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 32-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.
Using the Soft key

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

☐ Press VOICE Soft Key. Speak to called party.

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 Transfer key. (V displays if programming on an LCD Display Dterm. 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:

<table>
<thead>
<tr>
<th>VOICE BUSY</th>
<th>(Time display)</th>
</tr>
</thead>
</table>

Note 3: A voice call is restricted if called party’s station is not a Dterm. Display indicates:

<table>
<thead>
<tr>
<th>VOICE REST</th>
<th>(Time display)</th>
</tr>
</thead>
</table>

To Answer a Voice Call Hands Free

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

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

**To initiate**
- Lift handset or press **Speaker** key.
- Press the **AICM** key.
- Hear ringback tone.

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

- Press **AICM**, lift handset or press **Speaker**. 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 **Speaker**.

- A three-party conference is established.

---

<table>
<thead>
<tr>
<th>Called party</th>
<th>Calling party</th>
<th>Overriding party</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ICM</strong></td>
<td><strong>ICM</strong></td>
<td><strong>OVERRIDE</strong></td>
</tr>
<tr>
<td>Time display</td>
<td>Time display</td>
<td>Time display</td>
</tr>
</tbody>
</table>

- **ICM** 2
- **ICM** 1
- **OVERRIDE** 1
Manual Intercom

To initiate
☐ Press MICM, lift handset or press Speaker, 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 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).

To bridge into a manual intercom call

Note: Bridging is an optional feature.
☐ Press MICM, lift handset or press Speaker.

☐ 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 signalling and one for talking. A separate signalling button can be used in many ways for the secretary to alert a boss, or vice versa.
**Dial Intercom**

**To initiate**
- Lift handset or press the **Speaker** 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 **Speaker**. 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 **Speaker**.
- 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 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 1: A transfer or conference call may be placed on hold depending on software level of the NEAX2400 IPX.
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 Dterm stations, LED remains steadily lit red.

To retrieve

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

Note: Only the 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 Transfer a Call

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

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

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

☐ 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.

Using the Soft Key

☐ With a call in progress, press Transfer and dial desired number.
☐ After call is answered, press CONF Soft Key.
☐ Three-way conference is established.
☐ If one party hangs up, other two remain connected. Conf LED goes out.

To Establish a Broker Call

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

Note: The display indicates connected station or trunk at any given time.
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 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.
☐ By repeating these steps, it is possible to alternate between calls. Display indicates connected station or trunk at any given time.

<table>
<thead>
<tr>
<th>Trunk type</th>
<th>Trunk number</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAMP ON DDD</td>
<td>3</td>
</tr>
<tr>
<td>(Time display)</td>
<td></td>
</tr>
</tbody>
</table>

Call Waiting – Originating

To program call waiting key (on one-touch speed calling key)

☐ Press Feature.
☐ Press desired one-touch speed key.
☐ Press Recall. 1 appears on LCD. (See Note.)
☐ Dial “Call Waiting” feature access code.
☐ Press Feature.

Note: To program a hook switch for transfer or feature activation, press Recall as first digit. 1 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.
– Or –

☐ Lift handset or press **Speaker**.
☐ Dial “Call Waiting” access code, receive dial tone.

☐ Dial busy station.

Using the Soft Key

☐ Dial desired station and receive busy tone.
☐ Press **CW** Soft Key receive call waiting ringback tone.

To answer a waiting call

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

Using the Soft Key

☐ Hear burst of tone Display indicates “**C WAIT**” and **Answer** button flashes.
☐ Press **Answer** receive call waiting tone.

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 Feature.
☐ Press one-touch speed key.
☐ Press Recall. ! displays on LCD.
☐ Dial “Call Park” access code.
☐ Press Feature again.

To park a call

☐ While connected to a station or trunk CALL PARK.

To retrieve a parked call from originating station

☐ Dial “Call Park” local retrieval code.
☐ Station user is connected to parked call.

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.
Call Pick-up (Group)

When a 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 Transfer and dial “Call Pick-up” access code. The original party is placed on hold.

Using the Soft Key

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

Call Pick-up (Direct)

To program pick-up direct key (one-touch speed key)

☐ Press Feature.
☐ Press one-touch speed key.
☐ Dial “Direct Call Pick-up” access code.
☐ Press Feature 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.

<table>
<thead>
<tr>
<th>Called station</th>
<th>Calling party</th>
</tr>
</thead>
<tbody>
<tr>
<td>PICK UP 2000 DDD</td>
<td>3</td>
</tr>
</tbody>
</table>

(Time display)

Outgoing Trunk Queuing

If trunk busy

☐ Receive Trunk Busy indication. Press CALL BACK. Call is placed in queue for next available trunk.
☐ When trunk is available, setting station is alerted by ringing and flashing red LED.
☐ Press Speaker or lift handset. Dial tone is heard or number is automatically dialed if NEAX2400 IPX is programmed with Least Cost Routing.

Off-hook Trunk Queuing

☐ Press Speaker, 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 OVERRIDE.
☐ Interrupted parties receive warning tone.

☐ Three-way conference is initiated.
☐ Conf LED lights.

Using the Soft Key

☐ Press E-OVR Soft Key.
☐ Interrupted parties receive warning tone and three-way conference is initiated.

Note: Override may be programmed by the NEAX2400 IPX 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 Redial. Last number dialed is displayed.
☐ Press Redial key until desired number is displayed. Up to 5 previously dialed numbers.
☐ Press # or ✕ (Note). The number on the display is automatically redialed.
☐ When party has answered, lift handset or speak handsfree.

Note: A-law Countries: #
       µ-law Countries: ✕
Call Forwarding – All Calls

To set

☐ Press Speaker. Receive dial tone.
☐ If setting for another station, press MULTILINE APPEARANCE.
☐ Press FWD or dial “Call Forwarding – All Calls” 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 Dterm of the multiline station you are setting).
☐ Press Speaker. Call Forwarding – All Calls is set.

Using the Soft Key

☐ Press FDA Soft Key. Receive special tone.
☐ Dial destination; wait for service set tone.
☐ “FORWARD SET” is displayed, call forwarding for all calls is set.

To verify (with Dterm 8D/16D/32D)

☐ Press FWD.
☐ Display indicates the station number calls are forwarded to.

Note 1: If recipient station is a Dterm 8D/16D/32D, LCD displays:
Note 2: With Soft Key operation, FDB flashes on the display.
To cancel

☐ Press Speaker. Receive dial tone. If cancelling for another station, press MULTILINE APPEARANCE.
☐ Press FWD or dial “Call Forwarding – All Calls” cancel code. Receive service set tone. LED goes out at your station (or the Dterm of the multiline station).
☐ Press Speaker. Call Forwarding – All Calls is cancelled.

Using the Soft Key

☐ Press FDA Soft Key.
☐ Receive service set tone and “FORWARD CANCEL” is displayed.

Call Forwarding – Busy Line

To set

☐ Press Speaker. Receive dial tone.
☐ If setting for another station, press MULTILINE APPEARANCE.
☐ Press FWD-BY or dial “Call Forwarding – Busy Line” 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 Dterm of the multiline station you are setting).
☐ Press Speaker. Call Forwarding – Busy Line is set.
Using the Soft Key

☐ Press FDB Soft Key. Receive special dial tone.
☐ Dial destination; wait for service set tone.
☐ “FORWARD SET” is displayed; Call Forwarding – Busy Line is set.

To verify (with D\textsuperscript{term} 8D/16D/32D)

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

  Note 1: If recipient station is a D\textsuperscript{term} 8D/16D/32D, LCD displays:
  Note 2: With Soft Key operation, FDB flashes on the display.

To cancel

☐ Press Speaker. Receive dial tone. If cancelling for another station, press
MULTILINE APPEARANCE.
☐ Press FWD-BY or dial “Call Forwarding – Busy Line” cancel code. Receive
service set tone. LED goes out at your station (or the D\textsuperscript{term} of the multiline
station).
☐ Press Speaker. Call Forwarding – Busy Line is cancelled.

Using the Soft Key

☐ Press FDB Soft Key.
☐ Receive service set tone and “FORWARD CANCEL” is displayed.
Call Forwarding – Don’t Answer

To set

☐ Press Speaker. Receive dial tone.
☐ If setting for another station, press MULTILINE APPEARANCE.
☐ Press FWD-NA or dial “Call Forwarding – Don’t 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 Dterm of the multiline station you are setting).
☐ Press Speaker. Call Forwarding – Don’t Answer is set.

Using the Soft Key

☐ Press FDN Soft Key. Receive special dial tone.
☐ Dial destination; wait for service set tone.
☐ “FORWARD SET” is displayed; Call Forwarding – Don’t Answer is set.

To verify (with Dterm 8D/16D/32D)

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

Note 1: If recipient station is a Dterm 8D/16D/32D, LCD displays:

Note 2: Call Forwarding for Busy Line and Don’t Answer may be combined depending upon system programming.

Note 3: With Soft Key operation, FDB flashes on the display.
To cancel

☐ Press Speaker. Receive dial tone. If cancelling for another station, press MULTILINE APPEARANCE.
☐ Press FWD-NA or dial “Call Forwarding – Don’t Answer” cancel code.
   Receive service set tone. LED goes out at your station (or the Dterm of the multiline station).
☐ Press Speaker. Call Forwarding – Don’t Answer is cancelled.

Logged Out IP Station – Call Destination

To set

☐ Lift handset or press Speaker key.
☐ Dial “Logged Out IP Station – Call Destination” access code.
☐ Dial destination station number; receive service set tone.
☐ Replace handset or press Speaker key. Logged Out IP Station – Call Destination is set.

Using the Soft Key

☐ Press FDL Soft Key; receive special Dial Tone.
☐ Dial destination station number.
☐ Receive service set tone; “FORWARD SET” is displayed.

To verify (with Dterm 8D/16D/32D)

☐ Press “Logged Out IP Station – Call Destination” feature key lighting red or press FDL.
☐ Display indicates the station number calls are forwarded.

Note: With Soft Key Operation, FDL flashes on the display.
To cancel

☐ Lift handset or press Speaker key; receive Dial Tone.
☐ Dial “Logged Out IP Station – Call Destination” cancel code; receive service set tone.
☐ Replace handset or press Speaker key. Logged Out IP Station – Call Destination is canceled.

Using the Soft Key

☐ Lift handset or press Speaker key; receive Dial Tone.
☐ Press FDL Soft Key; receive service set tone.
☐ Dial destination station number; receive service set tone.
☐ “Logged Out IP Station – Call Destination” lamp goes off and FDL indication disappears on the LCD.

FORWARD CANCEL
(Time display)

FORWARD CANCEL
(Time display)

MIC >>>
Call Back

If called station is busy
☐ Press CALL BACK. Receive service set tone.

– Or –
☐ Press the 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.
☐ 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.

Using the Soft Key
☐ Press CB Soft Key and receive service set tone.
☐ “CALLBACK SET” is displayed and the CB Soft Key flashes on the display.
To Save and Repeat a Number

To save

☐ Press Speaker.
☐ 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.

Using the Soft Key

☐ Press S&R. Number is stored in memory.
☐ S&R LED lights.

To verify (with D<sup>term</sup> 8D/16D/32D)

☐ While idle, press S&R.
☐ Display indicates digits sorted.

To repeat

☐ Press Speaker.
☐ 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.

Using the Soft Key

☐ Press flashing S&R Soft Key. Stored number is automatically redialed. “S&R” disappears from display.
To Leave a Message

☐ Press Speaker. Receive dial tone.  
☐ Dial desired station number. Encounter no answer or busy condition.  
☐ Press MSG. Message is sent to called Dterm.  
☐ Called station MSG LED lights.  

Note 1: Up to four messages can be stored in Dterm memory.  
Note 2: If a fifth message is attempted, reorder tone is heard and display indicates:  
Note 3: If station is not equipped to receive messages, reorder tone is heard and display indicates:

To Answer a Message

To display  
☐ MSG LED is lit. Station is idle.  
☐ Press MSG.  
☐ Re-press MSG to display additional messages in order received.  

To respond  
☐ While displaying desired message, press Speaker.  
☐ 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 # or גול to while message displays. Message is erased.

Note: 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.

Voice Mail System

To set

☐ Press Feature key.
☐ Press Message key.
☐ Dial desired “Voice Mail System” access code.
☐ Press Feature again.

To originate

☐ Press Message key.
☐ Hear ringback tone.
Meet-me Paging

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.
- Page station B.
- Remain off hook or hang up.

To answer (station B)

If station A remains off hook
- Station B dials “Paging” answer code, and they are immediately connected.

If station A hangs up
- Station B dial “Paging” answer code, and Station A Dterm rings.
- When station A goes off-hook, they are connected.

Note: Paging function can not be supported with Dterm IP adapter and Dterm IP.
**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.

<table>
<thead>
<tr>
<th>Calling trunk number</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRANSFER DDD 3</td>
</tr>
<tr>
<td>(Time display)</td>
</tr>
</tbody>
</table>

**Station A paging**

- Ask calling party to hold.
- Press **Transfer**. 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 hungs up

- Station B dials “Paging” answer code. Station A Dterm rings.

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

(Dependent on System Programming)

☐ Station B dials “Paging” answer code, and is immediately connected to the calling party.

<table>
<thead>
<tr>
<th>PAGING</th>
<th>DDD 3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Time display)</td>
</tr>
</tbody>
</table>

**Boss/Secretary Transfer**

**Secretary**

☐ Lift handset, press boss’ ringing line. Ask calling party to hold.

☐ Press boss’ line again. “Voice Call” is automatically established.

☐ Announce the call to the boss.

<table>
<thead>
<tr>
<th>Boss and secretary station each display the other’s number</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICM XXXX</td>
</tr>
<tr>
<td>(Time display)</td>
</tr>
</tbody>
</table>

**Calling party**

<table>
<thead>
<tr>
<th>DDD 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Time display)</td>
</tr>
</tbody>
</table>

**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 **Speaker**.
- Press boss’ ringing line. Ask calling party to hold.
- Press the **MW-SET** line/feature key. No service set tone is heard.

Boss sees **MW** on display and can call secretary to receive message.

**Without caller on the line**
- After taking message, press **Recall** and receive dial tone.
- Press the **MW-SET** line/feature key. Receive service set tone.

**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’ multiline and pressing the **MW-SET** key.*

**To cancel at boss’ station**

**Without caller on the line**
- Lift handset or press **Speaker**. Receive dial tone.
- Press Boss’ line appearance.
- Press **MW-CANCEL** line/feature key. Receive service set tone.

**With caller on line**
- While engaged in conversation on boss’ multiline, press **MW-CANCEL** key.
- No service set tone is heard.
**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 **Feature**.
- Press a Speed Calling key.
- Dial "Boss/Secretary Override" access code.
- Press **Recall**. – displays on LCD.
- Dial boss’ station number.
- Press **Feature** again.

**Secretary**

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

**Boss**

- Hear 3 bursts of tone. LCD display indicates:

<table>
<thead>
<tr>
<th>C WAIT</th>
<th>2001</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Time display)</td>
</tr>
</tbody>
</table>

**Option 1**

- Boss presses **Answer** 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 **Answer**.
Option 2

- Boss presses Answer and converses with secretary. Trunk A is placed on hold.
- Boss presses station 2001 key and converses with Trunk B. Boss presses Answer to reconnect to Trunk A.
- Secretary hears reorder tone, hangs up.
- Boss can alternate between the two parties by pressing Answer.

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 Answer and converses with Secretary. Trunk A is placed on hold.
- Boss denies call, presses Transfer to return to Trunk A.
- Secretary is returned to Trunk B.

Note: If boss has 8/16/32 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.

  Note: With Soft Key operation, “DND” flashes when set.

To cancel

- Press DND. LED goes out.

Using the Soft Key

- Press flashing DND Soft Key.

  Note: DND must be programmed by the PBX engineer on a programmable feature key.
Privacy

While off-hook

☐ Press DND. LED lights.
☐ Privacy feature prevents interruptions for the duration of the call.

Using the Soft Key

☐ Privacy feature prevents interruptions for the duration of the call.

To cancel

☐ Press DND. LED goes out.

– Or –

☐ Replace handset. Privacy feature is automatically cancelled.

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

Using the Soft Key

☐ Press flashing DND Soft Key.

- Privacy SET
  (Time display)

- Privacy CANCEL
  (Time display)

- PRIVACY SET
  (Time display)

- PRIVACY CANCEL
  (Time display)

- MIC

- MIC DND

- MIC

- Mic DND
Privacy Release

Example:  D\textsuperscript{term} Station B is engaged in a conversation, and allows D\textsuperscript{term} Station A to enter the call in progress.

☐ Station A lifts handset or presses Speaker.
   Station A presses the line appearance of Station B.
   Warning tone is sent to the interrupted parties (optional).
   A three-way conference is established.

\begin{center}
\begin{tabular}{|c|}
\hline
CONF \\
(Time display) \\
\hline
\end{tabular}
\end{center}

\textbf{Note:} Station A may also be a single-line station as long as it appears on the Station B D\textsuperscript{term}.

\textbf{– Or –}

Example:  D\textsuperscript{term} Station A requests entrance into Station B’s call in progress.

☐ Station A lifts handset or presses Speaker.
☐ 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.

\begin{center}
\begin{tabular}{|c|}
\hline
WAIT P-RLS? \\
(Time display) \\
\hline
\end{tabular}
\end{center}

\begin{center}
\begin{tabular}{|c|}
\hline
P-RLS? \\
(Time display) \\
\hline
\end{tabular}
\end{center}

\begin{center}
\begin{tabular}{|c|}
\hline
CONF \\
(Time display) \\
\hline
\end{tabular}
\end{center}

\textbf{Note 1:} Station A can be a single-line station if it appears on the Station B D\textsuperscript{term}.

\textbf{Note 2:} Up to six parties can break into a two-party conversation (additional hardware required).
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LCD Displays

15:39  DDD  X
Time elapsed, trunk type and number for outside call
Time elapsed for parked call

XXX  DDD  X
Parked call retrieved from a remote station, showing
the number of the station that parked the call

C
CALLBACK  XXXX
Call Back is activated, showing called or calling num-
ber

CALLBACK SET  XXXX
Call Back set for busy called station

CALLPARK SET  X
Incoming call is parked

CAMP ON  DDD  X
Camped on call placed on hold

CONF
Three-party conference established
Conference for Executive Override
Conference for Privacy Release

C WAIT  XXXX  or
C WAIT SET  XXXX
Call Waiting tone sent to or received at busy station
show in called or calling number
Call received on boss’ station from secretary’s station

D
DND SET/CANCEL
Do Not Disturb set or cancelled

Direct Dial Pad ON/OFF
Dynamic Dial Pad status

E
E-HOLD  XXXX
Station placed on Exclusive Hold

F
FORWARD  XXXX
Station displays forwarding destination
Call Forwarding – All Calls
Call Forwarding – Busy Line
Call Forwarding – Don’t Answer
Logged Out IP Station – Call Destination

FORWARD SET/CANCEL
Call Forwarding set or cancelled
Call Forwarding – All Calls
Call Forwarding – Busy Line
Call Forwarding – Don’t Answer
Logged Out IP Station – Call Destination

H
HANDS FREE  ON/OFF
Hands free status
LCD Displays (continued)

HOLD XXXX
Station placed on hold

M
MSG XXXX HH:MMPM
Message waiting (calling station and time of message)

MESSAGE BUSY
Called station message memory Busy – cannot store addition messages

MESSAGE CANCEL
Message erased

MESSAGE REST
Called Station message receipt restricted – not equipped to receive messages

MESSAGE SET XXXX
Message indication left and busy called station

MW SET/CANCEL
Message Waiting set or cancelled on boss’ station from secretary’s station

O
OG-Q SET
Outgoing Trunk Queue – call placed in queue for next available outgoing trunk

Login
The IP Enabled Dterm becomes operational when the user enters “Login Code” and “Password”.

Logout
Press preassigned Logout button to logout.

INDICATOR O/OFF
Indicator Lamp status

I
ICM X
Intercom call with called or calling party number
Automatic Intercom
Manual Intercom
Dial Intercom
Boss Secretary Transfer

L
LNR[*] SPD[.]n
Prompt for last number called or Speed Calling number
Stack Dial

M
MSG XXXX HH:MMPM
Message waiting (calling station and time of message)

MESSAGE BUSY
Called station message memory Busy – cannot store addition messages

MESSAGE CANCEL
Message erased

MESSAGE REST
Called Station message receipt restricted – not equipped to receive messages

MESSAGE SET XXXX
Message indication left and busy called station

MW SET/CANCEL
Message Waiting set or cancelled on boss’ station from secretary’s station

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

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The IP Enabled Dterm becomes operational when the user enters “Login Code” and “Password”.

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Press preassigned Logout button to logout.

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Indicator Lamp status

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ICM X
Intercom call with called or calling party number
Automatic Intercom
Manual Intercom
Dial Intercom
Boss Secretary Transfer

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LNR[*] SPD[.]n
Prompt for last number called or Speed Calling number
Stack Dial

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MSG XXXX HH:MMPM
Message waiting (calling station and time of message)

MESSAGE BUSY
Called station message memory Busy – cannot store addition messages

MESSAGE CANCEL
Message erased

MESSAGE REST
Called Station message receipt restricted – not equipped to receive messages

MESSAGE SET XXXX
Message indication left and busy called station

MW SET/CANCEL
Message Waiting set or cancelled on boss’ station from secretary’s station

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OG-Q SET
Outgoing Trunk Queue – call placed in queue for next available outgoing trunk

Login
The IP Enabled Dterm becomes operational when the user enters “Login Code” and “Password”.

Logout
Press preassigned Logout button to logout.

INDICATOR O/OFF
Indicator Lamp status

I
ICM X
Intercom call with called or calling party number
Automatic Intercom
Manual Intercom
Dial Intercom
Boss Secretary Transfer

L
LNR[*] SPD[.]n
Prompt for last number called or Speed Calling number
Stack Dial

M
MSG XXXX HH:MMPM
Message waiting (calling station and time of message)

MESSAGE BUSY
Called station message memory Busy – cannot store addition messages

MESSAGE CANCEL
Message erased

MESSAGE REST
Called Station message receipt restricted – not equipped to receive messages

MESSAGE SET XXXX
Message indication left and busy called station

MW SET/CANCEL
Message Waiting set or cancelled on boss’ station from secretary’s station

O
OG-Q SET
Outgoing Trunk Queue – call placed in queue for next available outgoing trunk

Login
The IP Enabled Dterm becomes operational when the user enters “Login Code” and “Password”.

Logout
Press preassigned Logout button to logout.
**LCD Displays (continued)**

**OVERRIDE**
- X
  - Overriding intercom call through bridging
  - Automatic Intercom
  - Dial Intercom
  - Manual Intercom

**OVERRIDE**
- XXXX
  - Executive Override

**P**

**PICK UP**
- XXXX X
  - Call Pickup of station within group showing called and calling stations

**PAGING**
- X or

**PAGING**
- DDD X
  - Ready to page station, page waiting or page call connection

**P-RLS SET**
- Privacy Release set

**P-RLS ?**
- Prompt requesting privacy release for incoming call

**PRIVACY SET/CANCEL**
- Privacy set or cancelled

**R**

**RCV VOL. SMALL/LARGE**
- Receiver Volume status

**RINGTONE**
- X
  - Ready for Ringer tone selection

**S**

**SPEED SET**
- Speed Calling number saved in memory

**T**

**TRANSFER**
- X
  - Ready to transfer a call

**TRANSFER**
- XXXX
  - Transferred station or trunk number
  - Page Call Transfer

**TRANSFER**
- XXXX X
  - Transferring station number

**TRANSFER**
- 3
  - Transferring page call to another station

**T/R VOL. SMALL/LARGE**
- Transmission Receiving Volume status

**V**

**VOICE**
- XXXX
  - Voice Call showing called or calling station number

**VOICE BUSY/REST**
- Voice Call station called is busy or restricted
WAIT P-RLS?
Prompt when requesting privacy release at another station