This guide provides information for frequently used features. For more information about these and other features, refer to the user guide. For voice mail information, refer to the voice mail user guide for your system.

**Feature Buttons**

Most of the following feature codes work when your IP phone is idle. However, if you are on an active call or if the IP phone is off-hook, you may need to press (Special) to activate the feature before you enter the feature code.

If you make a mistake when entering numbers or characters, you can press (Hold) to move the cursor to the left and delete the characters entered, or you can press * to cancel the feature.

<table>
<thead>
<tr>
<th>Button</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>🔧 (Up)</td>
<td>Provides volume control. Scrolling through feature options.</td>
</tr>
<tr>
<td>🔩 (Down)</td>
<td>Scrolls through feature options.</td>
</tr>
<tr>
<td>🎤 (Speaker)</td>
<td>Activates Handsfree Mode. Activates features.</td>
</tr>
<tr>
<td>🎤 (Mute)</td>
<td>Mutes the microphone during a call.</td>
</tr>
<tr>
<td>📞 (Directory)</td>
<td>Activates the contact and feature Directory.</td>
</tr>
<tr>
<td>📍 (Special)</td>
<td>Activates features while on a call. The (Special) button does not cancel features. To cancel features, press the Star button (*).</td>
</tr>
<tr>
<td>🔄 (Redial)</td>
<td>Calls the last external number dialed. You cannot redial internal numbers.</td>
</tr>
<tr>
<td>🔄 (Hold)</td>
<td>Places the current call on hold. Left/Backspace when entering dialpad characters.</td>
</tr>
<tr>
<td>🔄 (Transfer)</td>
<td>Transfers the current call. Right/Forward when entering dialpad characters.</td>
</tr>
<tr>
<td>📞 (Message)</td>
<td>Connects to voice mailbox and notifies when you have messages. Toggles between Alpha Mode and Numeric Mode when entering dialpad characters.</td>
</tr>
</tbody>
</table>

**Commonly Used Feature Codes**

Contact your system administrator for more information about system features.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACD Agent – Log In/Out</td>
<td>328</td>
</tr>
<tr>
<td>Automatic IC Call Access – On/Off</td>
<td>361</td>
</tr>
<tr>
<td>Automatic Trunk Call Access – On/Off</td>
<td>360</td>
</tr>
<tr>
<td>Background Music – On/Off</td>
<td>313</td>
</tr>
<tr>
<td>Call Forward – All Calls</td>
<td>355</td>
</tr>
<tr>
<td>Call Logging</td>
<td>333</td>
</tr>
<tr>
<td>Conference</td>
<td>5</td>
</tr>
<tr>
<td>Default Station</td>
<td>394</td>
</tr>
<tr>
<td>Directory</td>
<td>307</td>
</tr>
<tr>
<td>Display Time And Date</td>
<td>300</td>
</tr>
<tr>
<td>Do-Not-Disturb – On/Off</td>
<td>372</td>
</tr>
<tr>
<td>Dynamic Extension Express – On/Off</td>
<td>364</td>
</tr>
<tr>
<td>Dynamic Extension Express Handoff</td>
<td>388</td>
</tr>
<tr>
<td>Handsfree – On/Off</td>
<td>319</td>
</tr>
<tr>
<td>Headset – On/Off</td>
<td>317</td>
</tr>
<tr>
<td>Hold – Individual</td>
<td>336</td>
</tr>
<tr>
<td>Hold – System</td>
<td>335</td>
</tr>
<tr>
<td>Hunt Group – Remove/Replace</td>
<td>324</td>
</tr>
<tr>
<td>Message – Cancel Left Message</td>
<td>366</td>
</tr>
<tr>
<td>Message – Delete Message</td>
<td>368</td>
</tr>
<tr>
<td>Message – Leave Message</td>
<td>367</td>
</tr>
<tr>
<td>Message – View Messages Menu</td>
<td>365</td>
</tr>
<tr>
<td>Microphone Mute – On/Off</td>
<td>314</td>
</tr>
<tr>
<td>Page Receive – On/Off</td>
<td>325</td>
</tr>
<tr>
<td>Program Buttons</td>
<td>397</td>
</tr>
<tr>
<td>Program Station Password</td>
<td>392</td>
</tr>
<tr>
<td>Programmable Buttons – Default</td>
<td>395</td>
</tr>
<tr>
<td>Queue (Callback) Request</td>
<td>6</td>
</tr>
<tr>
<td>Record-A-Call</td>
<td>385</td>
</tr>
<tr>
<td>Reverse Transfer (Call Pick-Up)</td>
<td>4</td>
</tr>
<tr>
<td>Ring Tone Selection</td>
<td>398</td>
</tr>
<tr>
<td>Station Speed Dial</td>
<td>382</td>
</tr>
<tr>
<td>Station Speed Dial – Programming</td>
<td>383</td>
</tr>
<tr>
<td>Switch Keymap</td>
<td>399</td>
</tr>
<tr>
<td>System Forward – On/Off</td>
<td>354</td>
</tr>
<tr>
<td>System Speed Dial</td>
<td>381</td>
</tr>
<tr>
<td>View Button Assignments</td>
<td>396</td>
</tr>
</tbody>
</table>
Answering Calls

Lift the handset, or press (Speaker) to answer a call while using a headset or to answer a call in Handsfree Mode.

Placing Emergency Calls

Dial the emergency number (911 U.S. or 999/112 Europe). The system immediately places the emergency call as soon as you dial the number, even if you do not select an outside line.

Placing Internal (Intercom) Calls

With or without the handset lifted, dial the extension number. If you enter incorrect digits, you can press (Hold) to move the cursor backward, deleting the last digits entered. If you are using Handsfree Mode, listen for the double tone, and then begin to speak.

Placing External Calls

Press the Outgoing button, an unlit Call button, or enter the Outgoing Call access code (8 is the default code), and then dial the number.

Redialing External Numbers

With or without the handset lifted, press the (Redial). The system automatically selects a line and dials the number.

Transferring Calls to Other Extensions

1. While on the call, press (Transfer), and then enter the extension number.
2. Do one of the following:
   - Wait for an answer, announce the call, and then hang up. If the extension is unavailable, press the flashing IC or Call button to return to the caller.
   - Hang up to transfer the call and disconnect the call from your IP phone.

Forwarding Calls

1. Press the Fwd button, and then enter the feature code, if applicable. ENTER FORWARD DEST appears.
2. Enter the extension number, or press the Outgoing button or enter the Outgoing Call access code (8 is the default code), and then dial the telephone number.

Placing Conference Calls

1. While on the first call, press the Conf button to place the call on hold. CALL NEXT PARTY TO CNF appears.
2. Place a call to the next conference party. For external calls, press the Outgoing button or enter the Outgoing Call access code (8 is the default code), and then dial the number.
3. After the party answers, announce the conference, and then press the Conf button to place the call on hold. If necessary, repeat this step to add the remaining conference party.
4. Press the Conf button again to start the conference. CNF IN PROGRESS appears.

Viewing and Responding to Messages

1. With the handset on-hook, press (Message). Messages are displayed as first in/first out. If there is more than one message, you can repeatedly press (Message) to scroll through the messages.
2. When the desired message is displayed, press #, or lift the handset for privacy, and then press # to respond. (If your handset is off-hook and you press (Message), you automatically place a call to the party or message center who left the message.)

Using Do-Not-Disturb

1. Press the DND button, and then do one of the following:
   - Press (Up) or (Down) to scroll through the messages.
   - Enter the two-digit number for the DND message.
2. After selecting the message, enter the additional text for the DND description, if applicable.
3. Press (Speaker), or lift and replace the handset.

Placing a Page Announcement

1. Press 7.
2. Enter the page-zone number (0 to 9).
3. After the tone, make your announcement, and then hang up.
# Contents

## Getting Started

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welcome</td>
<td>1</td>
</tr>
<tr>
<td>About Your Phone</td>
<td>1</td>
</tr>
<tr>
<td>5312 IP Phone Features</td>
<td>2</td>
</tr>
<tr>
<td>5324 IP Phone Features</td>
<td>3</td>
</tr>
<tr>
<td>Phone Feature Descriptions</td>
<td>4</td>
</tr>
<tr>
<td>Handset</td>
<td>4</td>
</tr>
<tr>
<td>Display</td>
<td>4</td>
</tr>
<tr>
<td>Display Buttons</td>
<td>4</td>
</tr>
<tr>
<td>Ring/Message Indicator</td>
<td>4</td>
</tr>
<tr>
<td>Speaker</td>
<td>4</td>
</tr>
<tr>
<td>Feature Buttons</td>
<td>5</td>
</tr>
<tr>
<td>Dialpad Buttons</td>
<td>5</td>
</tr>
<tr>
<td>Programmable Buttons</td>
<td>6</td>
</tr>
<tr>
<td>Phone Signals</td>
<td>6</td>
</tr>
<tr>
<td>Comfort and Safety Tips</td>
<td>7</td>
</tr>
<tr>
<td>Using a Headset</td>
<td>7</td>
</tr>
<tr>
<td>Using the 5310 IP Conference Unit</td>
<td>8</td>
</tr>
<tr>
<td>Turning the Conference Unit On and Off</td>
<td>8</td>
</tr>
<tr>
<td>Adjusting the Conference Unit Volume</td>
<td>8</td>
</tr>
<tr>
<td>Muting the Conference Unit</td>
<td>8</td>
</tr>
<tr>
<td>Placing the Conference Unit in Presentation Mode</td>
<td>9</td>
</tr>
<tr>
<td>Using the Line Interface Module (LIM)</td>
<td>10</td>
</tr>
<tr>
<td>Making and Answering Calls Using the Analog Button</td>
<td>11</td>
</tr>
<tr>
<td>Making and Answering Calls Using the Failover Mode</td>
<td>12</td>
</tr>
</tbody>
</table>

## Personalizing Your Phone

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adjusting the Viewing Angle</td>
<td>13</td>
</tr>
<tr>
<td>Installing Designation Cards</td>
<td>14</td>
</tr>
<tr>
<td>Changing Volume Levels</td>
<td>15</td>
</tr>
<tr>
<td>Changing the Ring Tone</td>
<td>15</td>
</tr>
<tr>
<td>Adjusting the Display Contrast</td>
<td>15</td>
</tr>
<tr>
<td>Changing the Language</td>
<td>16</td>
</tr>
<tr>
<td>Listening to Background Music</td>
<td>16</td>
</tr>
<tr>
<td>Using the Dialpad Buttons to Enter Characters</td>
<td>17</td>
</tr>
</tbody>
</table>
# Contents

## Using Programmable Buttons
- Default Access Codes .................................................. 20
- Outside Line Access Codes ........................................... 20
- Extension Numbers ....................................................... 20
- Default Feature Codes .................................................. 21

## Default Access Codes ........................................... 20

## Outside Line Access Codes ........................................... 20

## Extension Numbers ....................................................... 20

## Default Feature Codes .................................................. 21

## Viewing Button Assignments ............................................. 23

## Resetting Programmable Buttons ........................................ 23

## Resetting the IP Phone to the Default Settings ......................... 24

## Switching Keymaps ......................................................... 24

## Activating Door Relay ..................................................... 24

## Answering and Placing Calls .................................................. 25

## Answering Calls .............................................................. 25
- Answering Waiting Calls .................................................. 25
- Using Automatic Call Access ............................................. 25
- Redirecting Calls .......................................................... 26

## Using Automatic Trunk Answer ............................................ 26

## Placing Calls ................................................................. 27
- Placing Emergency Calls .................................................... 27
- Placing Emergency Calls using the LIM Line ....................... 27
- Placing Internal Calls ....................................................... 28
  - Requesting a Callback (Queuing the Phone) ...................... 28
- Using Camp-on .............................................................. 28
- Placing External Calls ....................................................... 29
- Redialing a Number ........................................................ 29

## Using Speed Dial ............................................................. 30
- Using System Speed Dial ................................................... 30
- Using Station Speed Dial .................................................. 30
  - Storing Station Speed-Dial Numbers ................................ 30
  - Dialing Station Speed-Dial Numbers .............................. 30
  - Deleting Station Speed-Dial Entries ............................... 31
  - Assigning Speed-Dial Numbers to Programmable Buttons .... 31

## Using the Directory .......................................................... 32

## Using Account Codes ....................................................... 33
Call Features

Using Handsfree Mode ........................................................................................................ 35
Using Ring Intercom Always .............................................................................................. 35
Using Mute .......................................................................................................................... 35
Placing Calls On Hold ......................................................................................................... 36
Entering a Hookflash ........................................................................................................... 36
Transferring Calls ............................................................................................................... 36
  Transferring Calls to Other Extensions ............................................................................. 36
  Transferring Calls to External Numbers ......................................................................... 37
  Using Reverse Transfer .................................................................................................... 37
Viewing Your System Information ..................................................................................... 37
Viewing Caller ID Information ............................................................................................ 37
Forwarding Calls ................................................................................................................ 37
  Manual Call Forwarding ..................................................................................................... 38
  System Forwarding ............................................................................................................ 38
Using Dynamic Extension Express .................................................................................... 39
Placing Conference Calls ................................................................................................... 41
  Adding a Conference Party ............................................................................................... 41
  Transferring a Conference ............................................................................................... 41
  Dropping Out of a Conference ......................................................................................... 41
  Ending a Conference and Placing all Parties on Hold .......................................................... 42
Using Record-A-Call ........................................................................................................... 42
Using Group Listen ............................................................................................................. 42
Using Call Logging .............................................................................................................. 43
Using Secondary Extension Buttons .................................................................................. 44
Using Configuration Assistant ........................................................................................... 45
  Changing Your Station Password ...................................................................................... 45
  Accessing Configuration Assistant ................................................................................... 45
  Changing the Dynamic Extension Express Settings .......................................................... 46
  Changing the DND Settings ............................................................................................... 46
  Changing the Manual Call Forwarding Settings ................................................................. 47
Using Remote Programming ............................................................................................... 48
  Changing the Dynamic Extension Express Settings .......................................................... 48
  Changing the DND Settings ............................................................................................... 49
  Changing the Manual Call Forwarding Settings ................................................................. 49
  Changing Your Station Password ...................................................................................... 50
## Contents

### Messages

- Leaving Messages at Other Extensions ................................................................. 51
- Viewing and Responding to Messages ................................................................. 52
  - Canceling Messages Left at Other Extensions .................................................... 52
  - Deleting Waiting Inter-Station Messages ......................................................... 52
- Using Do-Not-Disturb (DND) .................................................................................. 53
- Using Reminder Messages ...................................................................................... 54
- Paging Other System Users .................................................................................... 55
  - Placing a Page Announcement ............................................................................. 55
  - Enabling or Disabling the Paging Feature ........................................................... 55

### Hunt Groups

- Logging in to ACD Hunt Groups ............................................................................. 57
- Logging out of ACD Hunt Groups .......................................................................... 58
- Stopping the ACD Hunt Group Wrap-up Timer ..................................................... 58
- Other Hunt Group Features .................................................................................... 59
  - Requesting Agent Help ....................................................................................... 59
  - Diverting Hunt Group Calls ................................................................................ 59
- Hunt Group Supervisor Features .......................................................................... 60
  - Accepting or Rejecting Agent Help Calls .......................................................... 60
  - Monitoring Calls ................................................................................................ 60
  - Stealing Hunt Group Calls .................................................................................. 60
  - Using Barge-In .................................................................................................... 61

### Troubleshooting

- Contact Information .............................................................................................. 63
- Error Messages ...................................................................................................... 63
- Troubleshooting Tips ............................................................................................. 64

### Index

- ................................................................................................................................. 67
Notice

This guide is released by Mitel Networks Corporation and provides information necessary to use the 5312 and 5324 IP Phones. The guide contents, which reflect current Mitel standards, are subject to revision or change without notice.

Some features or applications mentioned may require a future release and are not available in the initial release. Future product features and applications are subject to availability and cost. Some features or applications may require additional hardware, software, or system administrator assistance.

For sales, service, or technical support, contact your local authorized provider:

Enter provider information above.

If you do not know the contact information for your local provider, use the “Partners” link at the top of the Mitel home page (www.mitel.com) to find a location near you.

If you have any questions or comments regarding this user guide or other technical documentation, contact the Technical Publications Department (USA) at:

tech_pubs@mitel.com

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Important Safety Instructions and Precautions

Remember the following safety guidelines when using the IP phone.

Programming Emergency Numbers

Make sure to do the following when programming emergency numbers and/or making test calls to emergency numbers:

- Remain on the line and briefly explain to the dispatcher the reason for the call.
- Perform tests during off-peak hours such as early morning or late evenings.

Safety Notices

The following notices may appear on the product or in the technical documentation.

<table>
<thead>
<tr>
<th>Notice</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="https://example.com/caution.png" alt="Caution" /> <strong>CAUTION</strong></td>
<td>Caution indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury and/or damage to the equipment or property.</td>
</tr>
<tr>
<td><img src="https://example.com/warning.png" alt="Warning" /> <strong>WARNING</strong></td>
<td>Warning indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.</td>
</tr>
<tr>
<td><img src="https://example.com/danger.png" alt="Danger" /> <strong>DANGER</strong></td>
<td>Danger indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.</td>
</tr>
<tr>
<td><img src="https://example.com/exclamation.png" alt="Exclamation" /></td>
<td>The exclamation point within an equilateral triangle indicates that important operating and maintenance (servicing) instructions are included in the literature accompanying the product.</td>
</tr>
</tbody>
</table>

Maintenance and Repair

There are no user serviceable parts inside the IP phones. For repairs, return the IP phone to an authorized Mitel provider.

**NOTE** Changes or modifications not expressly approved by Mitel may void the user’s right to operate the equipment.
Power Requirements

⚠️ CAUTION

**Phone Damage Hazard.** To avoid damaging the IP phone, make sure the IP phone is connected to the proper power supply before powering on. Contact your system administrator for more information.

The IP phone requires *any* one of the following power supplies:

- Mitel 48-volt DC Ethernet power adaptor 100-240 volt AC 50-60Hz (ES) - part number 50005301
- An industry-standard IEEE 802.3af Power over Ethernet (PoE) power supply unit

If your IP phone uses a centralized PoE power supply unit, do **not** use the 48-volt DC Ethernet power adaptor. If necessary, contact your system administrator for assistance before connecting your IP phone to the centralized power source.

Make sure the IP phone is plugged into an uninterruptible power supply (UPS). If your IP phone is plugged into the UPS and the power fails, it should remain powered on for about 10 minutes. If the IP phone is not plugged into a UPS and the power fails, the current call is dropped and you will not be able to use the IP phone until the power is restored.

Software Updates

⚠️ CAUTION

**Phone Damage Hazard.** Do not use your IP phone or disconnect it from the power supply while it is updating software.

The IP phone may require occasional software updates when new versions are available. The IP phone is configured to download the updates automatically. Contact your system administrator for more information.

Product Disposal Instructions

This symbol indicates that the product is classified as electrical or electronic equipment and should not be disposed of with other commercial or household waste at the end of its working life. For appropriate disposal and recycling instructions, contact your local Mitel provider.

*The Waste of Electrical and Electronic Equipment (WEEE) Directive (2002/96/EC) was established by the European Union to minimize negative impact on the environment, control hazardous substances, and curtail landfill expansion by using the best available recovery and recycling techniques.*
Phone Usage

This equipment is not for connection to the telephone network or public coin phone service. It is only for use when connected to Mitel systems.

⚠️ WARNING

When using your IP phone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

- Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool.
- Avoid using a phone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
- Do not use the IP phone to report a gas leak in the vicinity of a leak.
- Do not connect directly to the Public Switched Telephone Network (PSTN). Any connection of this phone to an off premise application, an out of plant application, any other exposed plant application, or to any equipment other than the intended application may result in a safety hazard, and/or defective operation, and/or equipment damage. “Exposed plant” means where any portion of the circuit is subject to accidental contact with electric lighting or power conductors operating at a voltage exceeding 300 volts between conductors or is subject to lightning strikes.
- The socket outlet, if used, shall be located near the equipment and shall be easily located by the user.
- Use only Mitel approved power adaptors.
- The handset supplied with the IP phone is not certified for use with any other phone. Use of the handset with any other phone may have the potential to cause hearing loss in the event of a lighting strike on the outside plant wiring.
Notice to Canadian Customers

The Class B digital apparatus complies with Canadian ICES-003.

Notice to U.S. Customers

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Notice to European Customers

We, Mitel Networks LTD.
Of, Mitel Castlegate Business Park
Portskewett
Caldicot
NP26 5YR
UK

Declare that for the hereinafter mentioned product the presumption of conformity with the applicable essential requirements of DIRECTIVE 1999/5/EC OF THE EUROPEAN PARLIAMENT (RTTE DIRECTIVE) AND OF THE COUNCIL is given.

Mitel IP Phones: 5312 and 5324
Any unauthorized modification of the product voids this Declaration.

For a copy of the original signed Declaration of Conformity (in full conformance with EN45014), please contact the Regulatory Approvals Manager at the above address.
Getting Started

Welcome

The instructions in this guide are for using the Mitel 5312/5324 Internet Protocol (IP) Phone on the Mitel 5000 Communications Platform (CP). The Quick Reference Guide located at the beginning of this guide is an overview of frequently used features.

Your IP phone should be powered on and ready to use. If the display is blank, or if the display name, extension number, or time or date are incorrect, contact your system administrator for assistance.

Because a variety of voice mail products work with the 5000 CP, this guide does not include voice mail instructions. For voice mail instructions, refer to the voice mail user guide for your system. For example, refer to the Enterprise Messaging, Basic Voice Mail, and Embedded Voice Mail Card User Guide, part number 835.3205, or the Mitel NuPoint Unified Messaging User Guide on the Mitel Web site (http://edocs.mitel.com). Contact your system administrator for more information about your voice mail system.

NOTE Because many phone features can be programmed to perform various tasks, some features may work differently than the descriptions in this guide. Contact your system administrator for more information.

About Your Phone

The 5312 and 5324 IP Phones are full-feature, dual port phones that provide voice communication over an IP network. Both phones have a back-lit liquid crystal display (LCD), display-assisted feature access, on-hook dialing, and a Ring/Message Indicator.

For one-touch feature access, the 5312 IP Phone has 12 programmable buttons and the 5324 IP Phone has 24 programmable buttons. Both phones have 10 fixed feature buttons to access commonly used features such as Transfer, Redial, Mute, and so on.
5312 IP Phone Features

The 5312 IP Phone is shown here. See “Phone Feature Descriptions” on page 4 for more information about the IP phone features.

1 – Handset
2 – Display
3 – Ring/Message Indicator
4 – Feature buttons
5 – Dialpad buttons
6 – Programmable buttons
7 – External speaker
5324 IP Phone Features

The 5324 IP Phone is shown here. See “Phone Feature Descriptions” on page 4 for more information about the IP phone features.

1 – Handset 5 – Feature buttons
2 – Display 6 – Dialpad buttons
3 – Display buttons 7 – Programmable buttons
4 – Ring/Message Indicator 8 – External speaker
Phone Feature Descriptions

The following sections describe default configurations. Your IP phone may be programmed differently. Contact your system administrator for more information. See “5312 IP Phone Features” on page 2 and “5324 IP Phone Features” on page 3 for phone feature locations.

Handset

The handset provided with this equipment is hearing aid compatible (HAC). If you are using a headset or if you are in Handsfree Mode, you do not need to use the handset. See “Using a Headset” on page 7 and “Using Handsfree Mode” on page 35 for more information.

Display

The display provides a two-line, 20-character viewing area for using features and identifying callers. When idle, the display shows user information and the time and date.

Display Buttons

The 5324 IP Phone (only) has three Display buttons under the Display. In some features, the left and right Display buttons provide back (<<) and forward (>>) navigation. The center Display button always displays user and system information. See “Viewing Your System Information” on page 37 for more information.

Ring/Message Indicator

The Ring/Message Indicator flashes or stays lit to indicate call, message, and feature activity. For more information about messaging features, see “Messages” on page 51. Ring/Message Indicator signals are described in the following table.

<table>
<thead>
<tr>
<th>Indicator Signals</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rapidly flashing</td>
<td>You have an incoming call.</td>
</tr>
<tr>
<td>Slowly flashing</td>
<td>You have a waiting message or callback message.</td>
</tr>
<tr>
<td>On</td>
<td>You are on a call or using a feature.</td>
</tr>
<tr>
<td>Off</td>
<td>Your IP phone is idle.</td>
</tr>
</tbody>
</table>

Speaker

The speaker provides audio for handsfree calls and background music. See “Using Handsfree Mode” on page 35 for information about handsfree calls. See “Listening to Background Music” on page 16 for more information about background music.

NOTE

The 5312 IP Phone uses half-duplex audio when using the speakerphone (both parties cannot talk at the same time).
Feature Buttons

Feature buttons provide quick access to commonly used features. See the following table for descriptions.

<table>
<thead>
<tr>
<th>Button</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Up) (Down)</td>
<td>Provides volume control for the ringer, handset, and speaker.</td>
</tr>
<tr>
<td></td>
<td>Scrolls through feature options.</td>
</tr>
<tr>
<td>(Speaker)</td>
<td>Activates Handsfree Mode (speakerphone). See “Using Handsfree Mode” on page 35.</td>
</tr>
<tr>
<td></td>
<td>Activates features.</td>
</tr>
<tr>
<td>(Mute)</td>
<td>Temporarily turns off your microphone during a call.</td>
</tr>
<tr>
<td>(Directory)</td>
<td>Activates the contact and feature Directory. See “Using the Directory” on page 32.</td>
</tr>
<tr>
<td>(Special)</td>
<td>Activates features while on a call. The (Special) button does not cancel features. To cancel features, press the Star button (*).</td>
</tr>
<tr>
<td>(Transfer)</td>
<td>Transfers the current call.</td>
</tr>
<tr>
<td></td>
<td>Right/forward when entering dialpad characters. See “Using the Dialpad Buttons to Enter Characters” on page 17.</td>
</tr>
<tr>
<td>(Message)</td>
<td>Connects to your voice mailbox and flashes to notify you of waiting messages. Toggles between Alpha Mode and Numeric Mode when entering dialpad characters.</td>
</tr>
</tbody>
</table>

Dialpad Buttons

Use the dialpad buttons to dial phone numbers, enter feature codes, and to enter characters when using features that require text input.
Programmable Buttons

The 5312 IP Phone has 12 programmable buttons. The 5324 IP Phone has 24 programmable buttons. The top seven buttons on both models are programmed by the system administrator and cannot be reprogrammed. However, you can program the remaining buttons for quick access to features or speed-dial entries. See “Using the Dialpad Buttons to Enter Characters” on page 17 for instructions.

<table>
<thead>
<tr>
<th>Button</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>DND</td>
<td>Turns Do-Not-Disturb (DND) mode on or off.</td>
</tr>
<tr>
<td>Outgoing</td>
<td>Selects an outgoing line for external calls.</td>
</tr>
<tr>
<td>Call 1</td>
<td>Selects an outside line or answers a call.</td>
</tr>
<tr>
<td>Call 2</td>
<td>Selects an outside line or answers a call.</td>
</tr>
<tr>
<td>IC</td>
<td>Answers an intercom (internal) call.</td>
</tr>
<tr>
<td>Comfy</td>
<td>Places a conference call.</td>
</tr>
<tr>
<td>Fwd</td>
<td>Forwards the call to the specified number.</td>
</tr>
</tbody>
</table>

Phone Signals

The IP Phone has several audio and visual signals to indicate feature activity. The following are a few helpful tips:

- Lit or blinking buttons indicate call or feature activity.
- All phone button lamps illuminate at the same time for a few seconds when the IP phone is reset or powered on.
- The following actions may cause an error tone:
  - Pressing an invalid button combination.
  - Selecting a restricted feature.
  - Dialing a restricted or invalid number.
  - Dialing too slowly between digits.
  - Waiting too long before performing the next step.
  To correct an error tone, hang up and try again.
- Many features “time-out” if you wait too long before performing the next step. If this happens, you must start over.
- “Off-hook” means the handset is lifted. “On-hook” means the handset is in the cradle.
- If your IP phone does not have a lamp under the speaker button, the large message indicator lamp on the top right of the IP phone indicates that the speakerphone is in use.
Comfort and Safety Tips

Observe the following comfort and safety tips when using the IP phone:

- **Do not cradle the handset**: Prolonged use of the handset can lead to neck, shoulder, or back discomfort, especially if you cradle the handset between your neck and shoulder. If you frequently use the IP phone, you might find a headset more comfortable. See “Using a Headset” on page 7.

- **Adjust the viewing angle**: The built-in stand tilts to give you a better view of the buttons. See “Adjusting the Viewing Angle” on page 13.

- **Protect your hearing**: Because prolonged exposure to loud sounds can contribute to hearing loss, keep the volume at a moderate level. You can adjust the volume levels of the handset receiver or headset. See “Changing Volume Levels” on page 15.

Using a Headset

When using a headset, press (Speaker) to connect to or disconnect from calls. The Headset icon appears when the headset is in use. You cannot use the handset or speakerphone when the IP phone is in Headset Mode. Disconnecting the headset automatically enables the handset.

<table>
<thead>
<tr>
<th>NOTES</th>
<th>The headset must be hearing aid compatible (HAC).</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>If your headset has a power-saver mode, make sure the system administrator has enabled the “Headset Connect Tone” feature. If this is not enabled, you may miss the first few seconds of an incoming call.</td>
</tr>
</tbody>
</table>

To connect and activate the headset:

1. Insert the headset jack into the Headset port located on the back of the IP phone.
2. Dial 317 (Headset on/off). HEADSET MODE ON appears.

| NOTE | Because Headset Mode disables the handset and speakerphone, you must turn off Headset Mode before you can use the handset or speakerphone. |

To turn off Headset Mode and activate the handset and speakerphone:

Dial 317 (Headset on/off). HEADSET MODE OFF appears.
Using the 5310 IP Conference Unit

Your 5324 phone can use the 5310 IP Conference Unit (shown below) for full-duplex, advanced IP conferencing. Use the Conference Controller touch screen to turn the Conference Unit on or off, to adjust the volume or to put the Conference Unit into Presentation mode. You can only run one Conference Controller session at a time. If the 5310 Conference Unit is not connected to your IP phone, the Conference Controller application is not available.

Installation instructions are included with the unit.

For information about placing conference calls and adding parties to the conference, see “Placing Conference Calls” on page 47.

Turning the Conference Unit On and Off

The following instructions describe how to turn the Conference Unit on and off.

To turn the Conference Unit on and off:

Use the Speaker button on the IP phone, or use the On/Off button on the optional remote control mouse.

Turning the 5310 Conference Unit off terminates the active call. To continue the call either pick up the handset or press the Speaker button on the IP phone.

Adjusting the Conference Unit Volume

The following instructions describe how to adjust the Conference Unit volume.

To adjust the Conference Unit volume:

Press Volume Up or Volume Down.

Muting the Conference Unit

You can mute the Conference Unit so that conversation or noise near the Conference Unit cannot be heard by individuals being conferenced.

To mute the Conference Unit:

Use the Mute button on the IP phone, or use the Mute button on the optional remote control mouse.

Although pressing the fixed Mute button on the IP phone itself mutes the audio on the attached 5310 conferencing unit, the orange mute LED indicator on the conference unit does not light up. However, if using the optional remote control mouse to mute the conference unit, the orange mute indicator does light up as designed.
Placing the Conference Unit in Presentation Mode

Presentation Mode should be used when only one individual will be speaking into the Conference Unit. If another individual near the unit wishes to speak, you should disable Presentation Mode. Presentation Mode minimizes extraneous noise.

To enable/disable Presentation Mode:

Use the Presentation button on the optional remote control mouse.
Using the Line Interface Module (LIM)

The LIM is an optional device that adds an analog phone line capability to your 5324 phone. In the event of a network failure, the IP phone can be configured to use the public switched telephone network (PSTN) to provide continued basic telephony until service is restored. The analog line can also be used for emergency calls and local calling.

You can use the LIM to:

- allow incoming and outgoing analog PSTN calls directly to and from the IP phone
- provide survivability (failover) in the event IP connectivity is lost
- provide emergency dialing support (emergency calls can be programmed to connect through the analog PSTN connection)

If you have a LIM connected to your 5324 phone, all programming of the LIM, except the Analog button (key), is done by the Installer when your IP phone is installed. To program the Analog button, see "Using Programmable Buttons" on page 24.

The LIM operates in one of the following two modes, as determined by your System Administrator:

- **LIM Mode**: You can use the LIM line at any time.
- **Failover Mode**: You can use the LIM line only when the IP connection has failed.

**NOTE** Handsfree and on-hook dialing are not supported on the LIM line.

For information on emergency number dialing using the LIM, see "Placing Emergency Calls using the LIM Line" on page 33.
Making and Answering Calls Using the Analog Button

To make a call using the Analog line:
1. Lift the handset.
2. Press the button you programmed as Analog Line. ANALOG CALL appears.
3. Dial the number.

To answer a Call using the analog line:
1. Lift the handset.
2. Press the Analog Line button that is highlighted.

To answer a waiting call on the analog line:

<table>
<thead>
<tr>
<th>NOTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>When you make an external call over the analog line, a prefix dialing number is not required. If your IP phone's Analog Line button has the Privacy option enabled, you cannot access the analog line when another phone is using the analog line (button is solid orange). To access the analog line, the user of the other phone must first hang up. To determine whether the Privacy option is enabled, contact your System Administrator.</td>
</tr>
</tbody>
</table>

To answer a waiting analog call or return to the original analog call:
1. Do one of the following:
   - Press and release the hookswitch.
   - Press the Star button (*) to cancel.
2. Press the button you have programmed as Analog Line.

To put a current call on hold to answer an incoming analog call:
Press the highlighted Analog Line button.

To switch between the current call and the held call when one of the calls is using the analog line, do one of the following:
- If your current call is using the analog line, press the flashing Line button of the held call. The analog call is automatically put on hold.
- If your current call is using an IP line, press the highlighted Analog Line button. The IP line is automatically put on hold.

To end a current call when an incoming analog call arrives:
Press the Star button (*) and then press the highlighted Analog Line button. The current call ends and you are connected to the caller on the analog line.

To end the current analog call when an incoming call arrives:
Press the Star button (*) to cancel. The current analog call ends and you are connected to the new caller.

NOTE
If you have subscribed to an analog call waiting service, you may use the hookswitch or press the Star button (*) to answer a waiting analog call. When you are on an analog call and a waiting analog call arrives, you hear a beep. This feature may not be supported in all regions.
Making and Answering Calls Using the Failover Mode

To make a call using the analog line during an IP connection failure:
1. Lift the handset. IP FAIL: ANALOG CALL appears.
2. Dial the number.

To answer a call using the analog line during an IP connection failure:
   Lift the handset. The call is answered. IP FAIL: ANALOG CALL appears.
Personalizing Your Phone

This chapter describes features you can use to personalize your IP phone.

Adjusting the Viewing Angle

You can tilt the IP phone stand for a better view of the buttons and display.

To adjust the viewing angle:

1. Turn the IP phone so it faces away from you.
2. Hold the base firmly, and then press the tabs on the sides of the stand to release and detach the base unit.
3. Hinge the hooks on the base unit into the notches on the back of the IP phone, and then snap into place as follows:
   - For a high-angle mount, hinge the two lower hooks into the bottom set of notches, and then snap the two upper hooks into the middle set of notches.
   - For a low-angle mount, hinge the two lower hooks into the middle set of notches, and then snap the two upper hooks into the top set of notches.
Installing Designation Cards

If you program buttons on your 5324 IP Phone (see page 17), you can install a new paper designation card with the revised button labels. (Paper designation cards are provided by your system administrator.) You can usually slide the paper designation card out and replace it without removing the lens (if necessary, see the following instructions to remove the lens for either model).

If you have a 5324 IP Phone, you can remove the lens and install a fixed Mylar® designation card, which has labels for the programmable buttons under the display. Contact your system administrator for the Mylar designation card.

To remove the lens and install the fixed Mylar designation card (5324 IP Phone):

1. Remove the screw that holds the option module on the back of the IP phone. Keep the screw in a safe place—you must use it in step 6.
2. Lift the lower edge of the option module until you feel the inner tabs release, and then gently lift the upper edge of the module. (To avoid damaging the module or the lens, always lift the lower edge of the module first.)
3. Remove the lens by lifting the upper edge, and then sliding the lower edge down.
4. Place the fixed Mylar designation card on the face of the IP phone.
5. Slide the lens tabs into the underside of the IP phone.
6. Snap the lens tightly into place by applying pressure to both the middle and top of the lens. Secure the option module using the screw from step 1.
Personalizing Your Phone

Changing Volume Levels

You can change the following volume levels:

- Ringer (alerting tone)
- Handset
- Headset
- Background music
- External speaker

### NOTE

Turning the external speaker volume down to the lowest levels may prevent you from hearing the feature "warning tones" that notify you when errors occur (for example, when you enter an incorrect feature code).

You must be using the feature to change the volume level. For example, if you want to change the handset volume level, you must be using the handset. However, you can adjust the ringer (alerting tone) volume level when the IP phone is idle.

**To change a volume level:**

While using the feature, press ▲ (Up) to increase the volume or press ▼ (Down) to decrease the volume. The volume level is automatically saved.

Changing the Ring Tone

You can select one of nine different ring tones.

**To change the ring tone:**

1. With the handset on-hook, dial 398.
2. Do one of the following to listen to (or turn off) ring tones:
   - Press 0 to turn the ringer off.
   - Press ▲ (Up) or ▼ (Down) or 1 to 9 to listen to ring tones.
   - Press 0 (Speaker), #, or lift and replace the handset to select the ring tone.

Adjusting the Display Contrast

You can adjust the display Contrast setting.

**To adjust the Contrast setting:**

1. While the handset is on-hook, dial 303.
2. Do one of the following to adjust the contrast:
   - Press ▲ (Up) or ▼ (Down) to adjust the contrast.
   - Press a number on the dialpad (1 = lightest, 10 = darkest) that corresponds to your desired contrast level.
3. To save the setting, press # or 0 (Speaker).
Changing the Language

Your system administrator can select two of the following languages as the primary and secondary languages to display text.¹

- American English
- British English
- Canadian French
- Mexican Spanish

For example, if your system administrator programmed your IP phone with American English as the primary language, American English is used for display text. You can change the language by selecting the secondary language. Contact your system administrator for more information.

To change the language:

Dial 301 to select either the primary or secondary language. The display shows text in the selected language.

Listening to Background Music

If your system is equipped with a music source, you can listen to background music or system audio (for example, organizational conference calls) through the external speaker.

To turn on or turn off background music:

Dial 313 (on/off). BACKGROUND MUSIC ON (or OFF) appears.

¹. This feature may or may not be enabled for your system.
Personalizing Your Phone

Using the Dialpad Buttons to Enter Characters

You can use the dialpad buttons to enter text or numbers for features such as Do-Not-Disturb (see page 59) and Station Speed Dial (see page 34).

The following are guidelines when entering dialpad characters:

- Press \( \text{[Message]} \) (Message) to switch from Alpha Mode to Numeric Mode. The \( \text{[Message]} \) button stays lit in Alpha Mode and is off in Numeric Mode.
- Press \( \text{[Hold]} \) (Hold) to move the cursor to the left and delete characters.
- Press \( \text{[Transfer]} \) (Transfer) to move the cursor to the right.
- In Numeric Mode, press \# for a hyphen (-).
- In Numeric Mode, press * for a colon (:).
- Press \#, \( \text{[Speaker]} \) (Speaker), or lift and replace the handset to save entries.

To use the dialpad to enter characters:

Press the dialpad buttons as shown in the following table.

Dialpad Characters — American English and British English

<table>
<thead>
<tr>
<th>Button</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>13</th>
<th>14</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>:</td>
<td>-</td>
<td>/</td>
<td>,</td>
<td>.</td>
<td>;</td>
<td>(</td>
<td>)</td>
<td>&amp;</td>
<td>+</td>
<td>*</td>
<td>!</td>
<td>?</td>
<td>#</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>2</td>
<td>a</td>
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<td>H</td>
<td>I</td>
<td>4</td>
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<td>h</td>
<td>i</td>
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<td>5</td>
<td>J</td>
<td>K</td>
<td>L</td>
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<td>6</td>
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<td>6</td>
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<td>7</td>
<td>P</td>
<td>Q</td>
<td>R</td>
<td>S</td>
<td>7</td>
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<td>V</td>
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<td>X</td>
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<td>Z</td>
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</tr>
</tbody>
</table>

For example, to enter May 31, you could use the following sequence:

1. In Alpha Mode (\( \text{[Message]} \) [Message] button is lit), press 6 once to enter an “M.”
2. Press 2 five times to enter an “a.”
3. Press 9 eight times to enter a “y.”
4. Press \( \text{[Transfer]} \) (Transfer) to enter a space.
5. Press \( \text{[Message]} \) (Message) to switch to Numeric Mode.
8. Press \( \text{[Speaker]} \) (Speaker), #, or lift and replace the handset to save the entry.
The following tables show the dialpad characters for the Canadian French and Mexican Spanish languages.

### Dialpad Characters — Canadian French

<table>
<thead>
<tr>
<th>Button</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>13</th>
<th>14</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>:</td>
<td>-</td>
<td>/</td>
<td>,</td>
<td>.</td>
<td>:</td>
<td>(</td>
<td>)</td>
<td>&amp;</td>
<td>+</td>
<td>*</td>
<td>!</td>
<td>?</td>
<td>#</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>2</td>
<td>A</td>
<td>b</td>
<td>c</td>
<td>À</td>
<td>Á</td>
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<td>3</td>
<td>D</td>
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<td>4</td>
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<td>7</td>
<td>P</td>
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<td>R</td>
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<td>7</td>
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### Dialpad Characters — Mexican Spanish

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<td>#</td>
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<td>B</td>
<td>C</td>
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</tr>
</tbody>
</table>
Using Programmable Buttons

For quick access, you can assign feature codes, extensions, speed-dial numbers, trunks, or other resources to your programmable buttons. You can then press the programmed buttons to activate features or place calls. See "Default Access Codes" and "Default Feature Codes" on page 21 for code lists. You cannot reprogram the default button assignments. You cannot reprogram the default button assignments. See “Programmable Buttons” on page 6.

To program a button:

1. With the handset on-hook, dial 397.
2. Press the button that you want to program. If the button is:
   - not programmed, UNDEFINED KEY appears.
   - programmed, the feature or extension programmed for the button appears.
   - not programmable, NON-PROGRAMMABLE KEY appears.
3. Enter the feature code, extension number, station speed-dial number, or system speed-dial number to be assigned to the button. To assign speed-dial numbers to programmable buttons, see “Assigning Speed-Dial Numbers to Programmable Buttons” on page 36

After you program a programmable button, you can:

- Press the button to place a call to the assigned extension.
- Press the button to access a system feature.
- Press the button and then hang up to transfer a call to the assigned extension. If the call is transferred to voice mail you hear repeating double tones.
- Visually monitor the call activity of the assigned extension if the button you assign has a lamp.

The following table describes the lamp signals and the indicated call activity:

<table>
<thead>
<tr>
<th>Lamp Signals</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuously Lit</td>
<td>The extension is busy or off-hook.</td>
</tr>
<tr>
<td>Slowly flashing</td>
<td>The extension is in Do-Not-Disturb (DND).</td>
</tr>
<tr>
<td>Quickly flashing</td>
<td>The extension has a call ringing in.</td>
</tr>
<tr>
<td>Continuously flashing</td>
<td>The extension is causing a “Station Off-Hook” system alarm.</td>
</tr>
</tbody>
</table>

Additional Programmable Buttons

You can also use the following units to add additional programmable buttons to your IP phone. You can program buttons the same way as those on the associated telephone as described earlier in this section. Contact your system administrator for details.

- Direct Station Selection/Busy Lamp Field (DSS/BLF) unit
- (5324 IP Phones only) Programmable Key Module (PKM)
Default Access Codes

The following are default system access codes. If your system uses different codes, record the codes in the “New Code” column for reference.

### Outside Line Access Codes

<table>
<thead>
<tr>
<th>Code Type</th>
<th>Code</th>
<th>New Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Call</td>
<td>911 (999/112 Europe)</td>
<td></td>
</tr>
<tr>
<td>Outgoing Call (Default)</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Select Line Group 1 to 208</td>
<td>92001 to 92208</td>
<td></td>
</tr>
<tr>
<td>Automatic Route Selection</td>
<td>92000</td>
<td></td>
</tr>
</tbody>
</table>

### Extension Numbers

<table>
<thead>
<tr>
<th>Code Type</th>
<th>Code</th>
<th>New Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendant</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Phone Extensions</td>
<td>1000 to 1999</td>
<td></td>
</tr>
<tr>
<td>Hunt Groups</td>
<td>2000 to 2299</td>
<td></td>
</tr>
</tbody>
</table>
## Default Feature Codes

The following table lists default feature codes. If your system administrator changes any of the default codes, you can record the new codes in the “New Code” column for reference.

### NOTES
Most of the following feature codes work when your IP phone is idle. However, if you are on an active call or if the IP phone is off-hook, you may need to press \( \text{**} \) (Special) before you enter the feature code to activate the feature.

#### To delete the characters entered:
Press \( \text{\textless} \text{\textless} \) \( \text{(Hold)} \) to move the cursor to the left and delete the characters entered.

#### To cancel the feature:
Press \( \text{*} \).

<table>
<thead>
<tr>
<th>Feature</th>
<th>Page</th>
<th>Code</th>
<th>New Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Account Code – Follow Calls</td>
<td>33</td>
<td>391</td>
<td></td>
</tr>
<tr>
<td>Account Code – Optional</td>
<td>33</td>
<td>390</td>
<td></td>
</tr>
<tr>
<td>ACD Agent – Log In</td>
<td>57</td>
<td>326</td>
<td></td>
</tr>
<tr>
<td>ACD Agent – Log In/Out</td>
<td>57</td>
<td>328</td>
<td></td>
</tr>
<tr>
<td>ACD Agent – Log Out</td>
<td>57</td>
<td>327</td>
<td></td>
</tr>
<tr>
<td>ACD Agent – Wrap-up Terminate</td>
<td>58</td>
<td>329</td>
<td></td>
</tr>
<tr>
<td>Activate Door Relay</td>
<td>24</td>
<td>332</td>
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</tr>
<tr>
<td>Agent Help – Reject</td>
<td>59</td>
<td>376</td>
<td></td>
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<tr>
<td>Agent Help – Request</td>
<td>59</td>
<td>375</td>
<td></td>
</tr>
<tr>
<td>Answer Ringing Call</td>
<td>25</td>
<td>351</td>
<td></td>
</tr>
<tr>
<td>Automatic Call Access – On/Off</td>
<td>25</td>
<td>361</td>
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</tr>
<tr>
<td>Automatic Trunk Call Access – On/Off</td>
<td>25</td>
<td>360</td>
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<tr>
<td>Automatic Trunk Answer</td>
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<td>350</td>
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<tr>
<td>Background Music – On/Off</td>
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<td>313</td>
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<tr>
<td>Barge-In</td>
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<td>386</td>
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<tr>
<td>Call Forward – All Calls</td>
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<td>355</td>
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</tr>
<tr>
<td>Call Forward – If Busy</td>
<td>38</td>
<td>357</td>
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</tr>
<tr>
<td>Call Forward – If No Answer</td>
<td>38</td>
<td>356</td>
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</tr>
<tr>
<td>Call Forward – No Answer/Busy</td>
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<td>358</td>
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<tr>
<td>Call Logging</td>
<td>43</td>
<td>333</td>
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<tr>
<td>Change Language</td>
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<td>Conference</td>
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<tr>
<td>Default Station</td>
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<td>Directory</td>
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<td>307</td>
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</tr>
<tr>
<td>Display Time And Date</td>
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<tr>
<td>Do-Not-Disturb</td>
<td>53</td>
<td>370</td>
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<td>Do-Not-Disturb – Cancel</td>
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<td>371</td>
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<td>Feature</td>
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<tr>
<td>Do-Not-Disturb – On/Off</td>
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<tr>
<td>Do-Not-Disturb – Override</td>
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<td>Dynamic Extension Express On/Off</td>
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<td>Dynamic Extension Express Handoff</td>
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<tr>
<td>Group Listen</td>
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<td>312</td>
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<td>Handsfree – On/Off</td>
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<td>Headset – On</td>
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<td>Headset – On/Off</td>
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<td>Hold – Individual</td>
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<td>336</td>
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<td>Hold – System</td>
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<td>335</td>
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<tr>
<td>Hookflash (Recall in Europe)</td>
<td>36</td>
<td>330</td>
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<tr>
<td>Hunt Group – Remove</td>
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<td>322</td>
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<td>Hunt Group – Remove/Replace</td>
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<tr>
<td>Hunt Group – Replace</td>
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<td>Message – Cancel Left Message</td>
<td>52</td>
<td>366</td>
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<td>Message – Delete Message</td>
<td>52</td>
<td>368</td>
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<td>Message – Leave Station Message</td>
<td>51</td>
<td>367</td>
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<td>Message – View Messages</td>
<td>52</td>
<td>365</td>
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<td>Microphone Mute – On/Off</td>
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<tr>
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<td>55</td>
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<tr>
<td>Page Receive – On/Off</td>
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<td>Program Buttons</td>
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<td>397</td>
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<td>Program Station Password</td>
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<td>392</td>
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<td>Programmable Buttons – Return to Default</td>
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<td>Queue (Callback) Request</td>
<td>28</td>
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<td>Record-A-Call</td>
<td>42</td>
<td>385</td>
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<td>Redial</td>
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<td>Redirect Call</td>
<td>26</td>
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<tr>
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<td>53</td>
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<td>Reminder Message – Cancel</td>
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<td>306</td>
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<td>Remote Programming</td>
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<td>359</td>
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<tr>
<td>Reverse Transfer (Call Pick-Up)</td>
<td>37</td>
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<tr>
<td>Ring Intercom Always – On/Off</td>
<td>35</td>
<td>377</td>
<td></td>
</tr>
</tbody>
</table>
Personalizing Your Phone

Viewing Button Assignments

You can view programmable button (key) feature assignments.

To view button assignments:
1. With the handset on-hook, dial 396. PRESS THE KEY TO REVIEW appears.
2. Press any of the feature buttons to display the assignment.
3. Press # or (Speaker) to exit.

Resetting Programmable Buttons

You can reset all buttons (keys) that you have programmed to the default assignments. Resetting the programmable buttons does not reset button assignments programmed by the system administrator.

To reset the feature buttons to the default values:
With the handset on-hook, dial 395. FEATURE KEYS DEFAULTED appears.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Page</th>
<th>Code</th>
<th>New Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ring Tone Selection</td>
<td>15</td>
<td>398</td>
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<tr>
<td>Station Monitor</td>
<td>60</td>
<td>321</td>
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<tr>
<td>Station Speed Dial</td>
<td>30</td>
<td>382</td>
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<tr>
<td>Station Speed Dial – Programming</td>
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<tr>
<td>Steal Call</td>
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<td>387</td>
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<td>System Forward – Off</td>
<td>38</td>
<td>353</td>
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<tr>
<td>System Forward – On</td>
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<tr>
<td>System Forward – On/Off</td>
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<tr>
<td>System Speed Dial</td>
<td>30</td>
<td>381</td>
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<td>Switch Keymap</td>
<td>24</td>
<td>399</td>
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<td>Transfer To Hold</td>
<td>36</td>
<td>346</td>
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</tr>
<tr>
<td>Transfer To Ring</td>
<td>36</td>
<td>345</td>
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</tr>
<tr>
<td>View Programmable Button Assignments</td>
<td>23</td>
<td>396</td>
<td></td>
</tr>
</tbody>
</table>
Personalizing Your Phone

Resetting the IP Phone to the Default Settings

Resetting the IP phone to the default settings does the following:

- Returns all volume settings to the default levels. See “Changing Volume Levels” on page 15.
- Cancels Background Music. See “Listening to Background Music” on page 16.
- Cancels Callback (queue) requests. See “Requesting a Callback (Queuing the Phone)” on page 28.
- Cancels Manual Call Forwarding. See “Manual Call Forwarding” on page 38.
- Cancels System Forwarding. See “System Forwarding” on page 38.
- Restores Page settings. See “Paging Other System Users” on page 55.
- Resets hunt group calls. See “Hunt Groups” on page 57.

To reset your IP phone to the default settings:

Dial 394. STATION DEFAULTED appears.

Switching Keymaps

Keymaps are the default button assignments on your IP phone. Your system may have programmed an alternate keymap, allowing you to switch between keymap assignments. Contact your system administrator for more information.

To switch between keymaps when your IP phone is idle:

With the handset on-hook, dial 399. The display shows either ALTERNATE (or) STANDARD KEYMAP IS ACTIVE.

To switch between keymaps during a call:

Press ☐ (Special), and then dial 399.

Activating Door Relay

If the Activate Door Relay feature is enabled, you can unlock a door (i.e., “buzz” it open) through your IP phone.

You can enter the Activate Door Relay feature code while idle or while on a call. This allows you to activate the feature while talking to a communications device mounted at the door without first having to hang up. When activated while on a call, the feature will not affect the call in progress other than to show a short confirmation on the display.

You can add the Activate Door Relay feature to a phone keymap button, just like any other station feature.

To unlock a door:

While idle or while on a call, dial 332. The door is unlocked.
Answering and Placing Calls

The following instructions describe how to answer and place internal and external calls and how to use related features.

**NOTE** By default, internal (intercom) calls are assigned to the **IC** button, and external calls are assigned to the **Call** buttons.

### Answering Calls

Your IP phone may be preset to automatically answer incoming internal calls in Handsfree Mode. To disable Handsfree Mode, see “Using Handsfree Mode” on page 35. After disabling Handsfree Mode, you can use your handset or headset to answer incoming calls.

**To answer a call:**

- Lift the handset, or press **(Speaker)** to answer a call while using a headset or to answer a call in Handsfree Mode. See “Using Handsfree Mode” on page 35.
- If you are currently on a call, press the flashing **IC** or **Call** button to answer a waiting call. See “Answering Waiting Calls” below.

### Answering Waiting Calls

If you receive a call while you are on another call, you hear a “call waiting” tone, the **IC** or **Call** button flashes, and the display shows the Caller ID information (if available).

**To answer a waiting call:**

- Press the flashing **IC** or **Call** button. This action hangs up on the connected call and connects you to the waiting call. You can also place the first call on hold before you answer the waiting call. See “Placing Calls On Hold” on page 36.

### Using Automatic Call Access

Automatic Call Access connects you to incoming internal or external calls when you pick up the handset or press **(Speaker)**. When Automatic Call Access is turned off, you must press the flashing **IC** or **Call** button to answer incoming calls.

**To use Automatic Call Access for incoming IC calls:**

- With the handset on-hook, dial **361** to turn on (or off). AUTO IC ACCESS ON (or OFF) appears.

**To use Automatic Call Access for incoming external (trunk) calls:**

- With the handset on-hook, dial **360** to turn on or off. AUTO TRNK ACCESS ON (or OFF) appears.
Redirecting Calls

You can redirect incoming calls to another extension or external number.

To redirect calls:

1. While a call is ringing, dial 331.
2. Enter the extension number, or press the Outgoing button or enter the Outgoing Call access code (8), and then enter the external number. The call is forwarded to the number entered.

Using Automatic Trunk Answer

You can use Automatic Trunk Answer to answer incoming external calls for other internal parties who are members of an “Answer Access” list. Your system administrator creates Answer Access lists. Contact your system administrator for Answer Access list extensions.1

Automatic Trunk Answer answers calls in the order they are received (that is, the first call received by any extension in the Answer Access list is the first one answered).

To use Automatic Trunk Answer:

1. While an incoming external call is ringing at another Answer Access list extension, lift the handset or press (Speaker).
2. Dial 350 or press the flashing Trunk <number> button.

---

1. This feature may or may not be enabled for your system.
Placing Calls

The following instructions describe how to place calls and related features.

Placing Emergency Calls

Plain Text

WARNING

Contact your system administrator and your local Mitel provider for important information about dialing emergency services before using your IP phone.

When dialing an emergency number (911 U.S. or 999/112 Europe), you do not have to press the Outgoing button or enter the Outgoing Call access code (8 is the default code). The system automatically places emergency calls immediately after you dial the number, even if you do not select an outside line.

Placing Emergency Calls using the LIM Line

Emergency Number dialing should only be performed by picking up the handset and selecting the Analog Line key you have programmed. If Privacy Mode is enabled and the Analog Line key local line is busy, dialing will not occur on the LIM line. Emergency dialing using an IP connection may not be supported due to system configuration and country location. For more information, contact your System Administrator. For details about LIM, see "Using the Line Interface Module (LIM)" on page 10.

To make an Emergency Call using the Line Interface Module line:

1. Lift the handset.
2. Press the Analog Line key that you have programmed. ANALOG CALL appears.
3. Dial your local emergency number.

To make an Emergency Call using the Line Interface Module line, when the IP connection has failed:

1. Lift the handset.
2. Press the Analog Line key that you have programmed. IP FAIL: ANALOG CALL appears.
3. Dial your local emergency number.
Placing Internal Calls

Internal calls are calls placed to other extensions in the system. Internal calls are assigned to the Intercom (IC) button on your IP phone. Contact your system administrator for a list of extension numbers.

To place an internal call:

With or without the handset lifted, dial the extension number. If you enter incorrect digits, you can press ☐ (Hold) to move the cursor backward, deleting the last digits entered.

If you are using Handsfree Mode, speak after you hear a double tone.

If there is no answer or if the extension is busy, you can do the following:

- Request a callback (queue). See “Requesting a Callback (Queuing the Phone)” below.
- Camp-on to the busy extension. See “Using Camp-on” below.
- Leave a message. See “Leaving Messages at Other Extensions” on page 51.

Requesting a Callback (Queuing the Phone)

When you request a callback (queue the phone), the system calls you when the extension is available and places a call to the phone.

To request a callback:

If there is no answer or if the extension is busy, press ☐ (Special) followed by 6, and then hang up. QUEUE REGISTERED FOR <name> appears. When the extension becomes available, your extension rings.

To cancel the callback request:

Press 6. QUEUE REQUEST CANCELED appears.

Using Camp-on

Camp-on keeps you connected to the called extension until it becomes available. You cannot use Camp-on if the called extension is in Do-Not-Disturb (DND), or if the call is forwarded to voice mail. See “Using Do-Not-Disturb (DND)” on page 53.

To use Camp-on:

Stay on the line and wait for the extension to become available. Do not hang up. If Camp-on is enabled, you hear Music-on-Hold while you are waiting.
Placing External Calls

The following sections describe features used when placing external calls.

To place an external call:

1. Press the **Outgoing** button, an unlit **Call** button, or enter the Outgoing Call access code (8 is the default code).
2. Dial the number.

Depending on system configuration, you may also be able to use one of the following methods to select an outgoing line:

- Enter the Select Line Group feature code. The default codes are 92001 to 92208.
- Enter the Automatic Route Selection (ARS) feature code. The default code is 92000.

Contact your system administrator for more information about using Select Line Group or ARS access codes.

Redialing a Number

You can quickly redial the last **external** number dialed. You cannot redial extension numbers.

To use Redial:

With or without the handset lifted, press \(^3\) **REDIAL**. The system automatically selects a line and dials the number.
Using Speed Dial

You can use speed dial to quickly dial stored phone numbers. Speed-dial numbers are either stored in the system (System Speed Dial), or in your IP phone (Station Speed Dial).

Using System Speed Dial

Your system administrator assigns System Speed-Dial location numbers, which are available to anyone in the system. Contact your system administrator for more information.

To view or dial System Speed-Dial numbers:
1. Dial 381. REVIEW SYS SPEED # <code range> appears.
2. Do one of the following:
   • Press ▲ (Up) or ▼ (Down) to scroll through the speed-dial locations.
   • Enter the speed-dial location (000 to 999 or 0000 to 4999).
3. Press # to dial the number.

Using Station Speed Dial

You can use Station Speed Dial to store phone numbers for your personal use. Other system users do not have access to your Station Speed-Dial numbers.

Storing Station Speed-Dial Numbers

You can store up to 10 Station Speed-Dial numbers.

To store a Station Speed-Dial number:
1. With the handset on-hook, dial 383. PROGRAM STN SPD (0-9) OR SCROLL appears.
2. Do one of the following:
   • Press ▲ (Up) or ▼ (Down) to scroll through the speed-dial bins.
   • Enter the speed-dial bin (0 to 9).
   Press # to select the bin.
3. Enter the name of the speed-dial contact (up to 10 characters). For dialpad character descriptions, see “Using the Dialpad Buttons to Enter Characters” on page 18.
4. Press # to save the name.
5. Enter the extension number or external number. If you are storing an external number, enter the Outgoing Call access code (default code is 8) before you enter the number. Do not use hyphens or colons in stored speed-dial numbers.
6. Press # to save the location. STN SPD BIN # <number> UPDATED appears.

Dialing Station Speed-Dial Numbers

To dial a Station Speed-Dial number:

Do one of the following:
   • Dial 382, and then enter the Station Speed-Dial bin (0 to 9). The system dials the number.
   • Press ▲ (Up) or ▼ (Down) to scroll through the speed-dial bins, and then press # to select the location and dial the number.

NOTE: You can also use a Station Speed-Dial button assigned to the number you are dialing. See “Assigning Speed-Dial Numbers to Programmable Buttons” on page 31.
Deleting Station Speed-Dial Entries

To delete a Station Speed-Dial entry:

1. With the handset on-hook, dial 383. PROGRAM STN SPD (0-9) OR SCROLL appears.
2. Do one of the following:
   - Press ↑ (Up) or ↓ (Down) to scroll through the speed-dial bins.
   - Enter the speed-dial bin (0 to 9).
3. Press # to select the bin.
4. Press (Hold) repeatedly until the name is erased, and then press # to continue.
5. Press (Hold) repeatedly until the number is erased, and then press #.

Assigning Speed-Dial Numbers to Programmable Buttons

You can assign Station or System Speed-Dial numbers to your programmable buttons.

To program a Station Speed-Dial button:

1. With the handset on-hook, dial 397. PRESS THE BUTTON TO PROGRAM appears.
2. Press the feature button that you want to program as a speed-dial button.
3. Dial 382.
4. Do one of the following:
   - Press ↑ (Up) or ↓ (Down) to scroll through the speed-dial bin.
   - Enter the speed-dial bin (0 to 9).

To program a System Speed-Dial button:

1. With the handset on-hook, dial 397. PRESS THE BUTTON TO PROGRAM appears.
2. Press the feature button that you want to program as a speed-dial button.
3. Dial 381.
4. Do one of the following:
   - Press ↑ (Up) or ↓ (Down) to scroll through the speed-dial location.
   - Enter the speed-dial location (000 to 999 or 0000 to 4999).

NOTE
Before or after assigning the speed-dial number to a programmable button, make sure the speed-dial number has either a Station Speed Dial bin or System Speed Dial location assigned to it. For System Speed Dial numbers, numbers are pre-assigned to the System Speed Dial locations (000 to 999 or 0000 to 4999) by your system administrator. Therefore, you just need to choose a System Speed Dial location that you want to use (see “Using System Speed Dial” on page 30 for details). For Station Speed Dial numbers, you must manually store numbers in the Station Speed Dial bins (0 to 9). See “Storing Station Speed-Dial Numbers” on page 30.
Using the Directory

You can use the Directory to find internal or external contacts or find and activate system features. The directory uses Intelligent Directory Search (IDS), which is similar to the “text on 9 keys” (T9) predictive search feature used for mobile phones. The Directory has the following three subdirectories:

- **Intercom**: Find and dial internal numbers.
- **Outside**: Find and dial external numbers listed in the company directory.
- **Feature**: Find and activate system features.

When searching the directory, dialpad buttons can represent several characters, as shown in the following table. As you enter characters, the entries that best match the characters entered appear. The system connects the character sequence to possible directory matches. For example, to find the name “Jones,” dial 56637.

<table>
<thead>
<tr>
<th>Button</th>
<th>Characters Represented</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>A B C a b c Ç â å ç Å â</td>
</tr>
<tr>
<td>3</td>
<td>D E F d e ê ê é É</td>
</tr>
<tr>
<td>4</td>
<td>G H I g h i ii i i i</td>
</tr>
<tr>
<td>5</td>
<td>J K L j k l</td>
</tr>
<tr>
<td>6</td>
<td>M N O m n o ë ë ë ë Ö ô Ń</td>
</tr>
<tr>
<td>7</td>
<td>Q P R S q p r s</td>
</tr>
<tr>
<td>8</td>
<td>T U V t u ù ù ù ù</td>
</tr>
<tr>
<td>9</td>
<td>W X Y Z w x y z y</td>
</tr>
<tr>
<td>(Up)</td>
<td>Scroll to next entry</td>
</tr>
<tr>
<td>(Down)</td>
<td>Scroll to previous entry</td>
</tr>
<tr>
<td>*</td>
<td>Cancel search</td>
</tr>
<tr>
<td>#</td>
<td>Activate selection</td>
</tr>
<tr>
<td>(Hold)</td>
<td>Move the cursor to the left, deleting existing characters</td>
</tr>
</tbody>
</table>

See page 32 for detailed instructions on using the directory.

**To search for a directory name or feature:**

1. Press (Directory), and then press one of the following:
   - 1 for the IC directory.
   - 2 for the Outside directory.
   - 3 for the Feature directory.

2. Press the dialpad buttons to enter (up to 20) characters. See the table on page 32 for dialpad button character descriptions.

3. Press (Up) or (Down) to scroll through the entries.

   **NOTE** The IC directory may display two similar entries, one without an asterisk and one with an asterisk. The entry without an asterisk is the primary extension—the entry with an asterisk is a secondary extension.

4. Press # while the display shows the entry to dial a number or activate a feature code.
Using Account Codes

Account codes record information for phone record reports. You may be required to enter account codes when placing calls. Contact your system administrator for more information about using account codes.

There are three types of account codes:

- **Standard account codes**: Automatically entered into the phone record report whenever you place a call.
- **Forced account codes**: Entered before you can place an outside call.
- **Optional account codes**: Entered at any time during a call.

**To enter an optional account code:**
1. While off-hook, press ☑️ (Special), and then dial 390.
2. Enter the optional account code, and then press #.

**To set an account code for all calls placed from your IP phone:**
Dial 391 followed by the account code, and then press #. This code is used for all calls made from your IP phone until it is disabled.

**To disable the code:**
Dial 391, and then press #. ACCOUNT CODE CLEARED appears.
Call Features

The following sections describe call-related features.

Using Handsfree Mode

You can use Handsfree Mode to activate the speakerphone.

NOTES

The Ring Intercom Always feature prevents calls from being answered in Handsfree Mode (see the following section).
You cannot use Handsfree Mode if you are using a headset, or if you have more than one phone assigned to an extension number.
The 5312 IP Phone uses half-duplex audio when using the speakerphone (both parties cannot talk at the same time).

To use Handsfree Mode:

With the handset on-hook, dial 319. HANDSFREE MODE ON appears. Dial 319 again to turn Handsfree Mode off.

Using Ring Intercom Always

If another extension has Handsfree Mode enabled for incoming internal calls (see the previous section), you can use Ring Intercom Always to override Handsfree Mode on the extension, requiring the called party to pick up the handset to answer your call.

To override Handsfree Mode for the current call:

1. Before you enter the extension number, press #. RING EXTENSION NUMBER appears.
2. Dial the extension number.

To use Ring Intercom Always to always send non-handsfree calls:

With the handset on-hook, dial 377. RING IC ALWAYS ON appears. Dial 377 again to turn Ring Intercom Always off.

Using Mute

You can use Mute to temporarily turn off your microphone, preventing the other party on the call from hearing you.

To mute or unmute the microphone:

While on a call, press 🎤 (Mute). MICROPHONE MUTE ON appears. When the microphone is muted, the Mute button lamp is lit. Press 🎤 (Mute) again to unmute the microphone.
Placing Calls On Hold

You can place calls on either Individual Hold or System Hold.

- **Individual Hold**: Places an internal or external call on hold at your IP phone.
- **System Hold**: Places an external call on hold in the system. You can then pick up the call from any phone that indicates a flashing Call button for the call, including the IP phone that placed it on hold.

**To place a call on Individual Hold:**
1. Press \( \text{Hold} \). ENTER EXTENSION NUMBER appears.
2. Hang up or place another call.

**To place an outside call on System Hold:**
1. Press \( \text{Special} \), and then dial 335. ENTER EXTENSION NUMBER appears.
2. Hang up or place another call.

**To place a call on hold and answer a waiting call:**
Press \( \text{Hold} \), and then press the flashing IC or Call button.

**To return to a call that is on hold:**
Press \( \text{Hold} \), and then lift the handset or press \( \text{Speaker} \). \(<\text{Caller}>\text{ WAS HOLDING appears.} \)

Entering a Hookflash

Some telephone companies require you to enter a hookflash (a quick hang up and release) for feature access.

**To enter a hookflash:**

While off-hook, press \( \text{Special} \), and then dial 330.

Transferring Calls

You can transfer calls to other extensions or external numbers. You can also transfer conference calls. See “Transferring a Conference” on page 41 for more information.

Transferring Calls to Other Extensions

**To transfer a call to another extension:**
1. While on the call, press \( \text{Transfer} \), and then enter the extension number.
2. Do one of the following:
   - Wait for an answer, announce the call, and then hang up. If the extension is unavailable, press the flashing IC or Call button to return to the caller.
   - Hang up to transfer the call and disconnect the call from your IP phone.

**NOTE**
If your system administrator has enabled the Transfer-on-Connect Allowed feature for your IP phone, you are automatically connected to calls transferred to your extension after the transferring party hangs up. If this option is turned off, you must press an IC or Call button to answer calls transferred to your extension.
Transferring Calls to External Numbers

To transfer a call to an external number:
1. While on the call, press \([\text{Transfer}]\).  
2. Press the Outgoing button or the Outgoing Call access code (the default code is 8) to select an outside line.  
3. Dial the phone number.  
4. Do one of the following:
   - Wait for an answer, announce the call, and then hang up. If the extension is unavailable, press the flashing Call button to return to the caller.  
   - Hang up to transfer the call and disconnect the call from your IP phone.

Using Reverse Transfer

You can use Reverse Transfer (Call Pick Up) to answer calls that are ringing or holding at other extensions. For example, if you receive a call while you are away from your desk, you can pick up the call from another extension.

To use Reverse Transfer:
1. Lift the handset, and then press [4]. ENTER EXTENSION NUMBER appears.
2. Dial the extension or hunt group number or press a DSS/BLF key where the call is ringing or holding. The call is transferred to the IP phone you are using and you are connected to the caller.

Viewing Your System Information

If you are on a call, you can temporarily view your user information (your user name and your extension number) and the date and time.

To display your user information and the date and time:
Press \([\text{Special}]\), and then dial 300.

Viewing Caller ID Information

If you are currently connected to an external caller with Caller ID, you can toggle between the caller’s name and number. If the name is unavailable, CANNOT ACCESS FEATURE appears.

To show the outside party’s name/number:
Press \([\text{Special}]\), and then dial 379.

Forwarding Calls

You can use Manual Call Forwarding (see page 38) or System Forwarding (see page 38) to forward calls.
Manual Call Forwarding

The following table describes Manual Call Forwarding options.

<table>
<thead>
<tr>
<th>Call Forward Feature</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Call Forward All Calls</td>
<td>All incoming calls are forwarded.</td>
<td>355</td>
</tr>
<tr>
<td>Call Forward if no Answer</td>
<td>All incoming calls are forwarded if not answered. (The timer is set by the</td>
<td>356</td>
</tr>
<tr>
<td></td>
<td>system administrator.)</td>
<td></td>
</tr>
<tr>
<td>Call Forward If Busy</td>
<td>When your IP phone is busy, all incoming calls are forwarded without</td>
<td>357</td>
</tr>
<tr>
<td></td>
<td>ringing.</td>
<td></td>
</tr>
<tr>
<td>Call Forward If No Answer/Busy</td>
<td>All incoming calls are forwarded if your IP phone is busy, or if you do</td>
<td>358</td>
</tr>
<tr>
<td></td>
<td>not answer.</td>
<td></td>
</tr>
</tbody>
</table>

To use Manual Call Forwarding:

1. Press the Fwd button, or dial the Manual Call Forwarding feature code from the table above. ENTER FORWARD DEST appears.
2. Enter the extension number, or press the Outgoing button and then dial the IP phone number. FWD ALL CALLS TO <number> appears.

To cancel a Manual Call Forwarding request:

Press the Fwd button, and then press (Speaker), or lift and replace the handset. ANY CALL FORWARD CANCELED appears.

NOTE

If the Configuration Assistant feature is enabled for your system, you can access a voice guided configuration portal that provides easy-to-use, remote access to the Call Forwarding feature. See page 45 for details.

System Forwarding

You can use System Forwarding to route calls based on the type of call and the idle or busy status of your IP phone. You cannot program the System Forward destination. You can only turn it on or off. Contact your system administrator for more information.

To turn System Forwarding on or off:

Dial 354. SYSTEM FORWARD ON appears. Dial 354 again to turn System Forwarding off.
Using Dynamic Extension Express

When you enable Dynamic Extension Express on your IP phone, your incoming calls are automatically routed to one or more preprogrammed associated destinations according to the routing steps programmed for you.

Typically, your desk phone is configured to be your main extension. You may be programmed for up to five associated destinations including:

- softphone
- home IP phone
- voice mail
- mobile phone
- home phone

Your desk phone, softphone, home IP phone and voice mail extensions are already programmed in the system, so your system administrator can easily include them in your routing steps. To include your mobile and home phone numbers in your routing steps, you will need to provide these numbers to your system administrator.

Dynamic Extension Express also includes the Handoff feature, which includes the following functions:

- **Push**: The Handoff “push” function allows you to move an active call from your main extension, typically your desk phone, to an associated destination without disconnecting audio. The push function is useful if you are leaving the work area, but want to remain connected to an active call. The push function rings all associated destinations (except voice mail) and you select which device to use to answer the call. When you answer the call, you are immediately connected to the other parties at the new destination. When the call is switching over to the new destination, there may be a momentary break in audio, which may be noticeable to the other parties on the call.

- **Pull**: The Handoff “pull” function allows you to pull a call that was previously routed to your mobile or home phone back to the main extension. The pull function is useful if you answer a call on your mobile phone and then return to your desk. After you pull a call back to the main extension, the call is connected immediately and you can then access system features such as conference, hold, and transfer.

Dynamic Extension Express includes the following feature codes:

- Dynamic Extension Express On: **363**
- Dynamic Extension Express Off: **362**
- Dynamic Extension Express On/Off: **364**
- Dynamic Extension Express – Handoff (push and pull): **388**

The following call types do not follow Dynamic Extension Express:

- Hunt group calls
- Hunt group announcement/overflow calls
- Transfer recalls, Hold recalls, Conference recalls, and Attendant recalls

**NOTE**

The Handoff feature is only supported on your main extension, typically your desk phone. However, if you share a desk phone with one or more coworkers and your main extension is a phantom extension, you cannot use the Handoff feature.

**NOTE**

A recall occurs when a feature cannot be completed or the feature times out, and the call returns to the originating extension. For example, a holding call will recall the extension where it was placed on hold when the hold timer expires.
When you enable Dynamic Extension Express, your incoming calls are routed as specified by the routing type programmed for you by your system administrator. The table below provides descriptions for the default routing types.

<table>
<thead>
<tr>
<th>Routing Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mobile Twinning</td>
<td>Calls simultaneously ring your desk phone and mobile phone, before going to voice mail.</td>
</tr>
<tr>
<td>Delayed Mobile Twinning</td>
<td>Calls ring your desk phone first, and then ring both your desk phone and mobile phone, before going to voice mail.</td>
</tr>
</tbody>
</table>

Check with your system administrator to see which routing type has been programmed for you. Your administrator can modify these routing types by adding or removing routing steps, adding or removing destinations, and changing the ring timers, if required.

To ensure that calls are routed correctly to your mobile and home phones, inform your system administrator if either of these phone numbers change.

**To enable Dynamic Extension Express:**

Dial 363 or 364. PERSONAL ROUTING ON appears on the display.

**To disable Dynamic Extension Express:**

Dial 362 or 364. PERSONAL ROUTING OFF appears on the display.

**To answer a call routed to your mobile or home phone:**

1. Answer the call when it rings your IP phone. After you speak, the Dynamic Extension Express prompt is played.
2. Do one of the following:
   - Press # to accept the call.
   - Press * to send the call to the voice mailbox associated with your main extension (not your mobile phone or home phone voice mailbox). If you do not have a voice mailbox, the “Press *…” prompt is not played and the call is routed to your main extension.

If you hang up, the call continues to follow your programmed routing steps.

**To use the Dynamic Extension Express – Handoff “push” feature:**

1. While on an active call at your IP phone, press (Special), and then dial 388. HANDOFF IN PROGRESS appears on the display and the call rings all of your associated destinations (except voice mail).
2. Press # to accept and answer the call at your mobile or home phone.

**To use the Dynamic Extension Express – Handoff “pull” feature:**

While on an active call on an associated destination device, dial 388. A confirmation tone is played and the call is pulled back to your IP phone.

**NOTE** If you enter the handoff feature code (388) and the display shows NO CALL TO HANDOFF, the call cannot be handed off (see page 65).

**To cancel the Dynamic Extension Express – Handoff feature:**

While the handoff is in-progress, press (Special), and then dial 388. HANDOFF CANCELLED appears on the display for your main extension.
Placing Conference Calls

You can place a conference call with up to three internal or external parties (for a total of four parties, including yourself).

To place a conference call:
1. While on the first call, press the **Conf** button to place the call on hold. CALL NEXT PARTY TO CNF appears.
2. Place a call to the next conference party (for external calls, press the **Outgoing** button or the Outgoing Call access code [8 is the default code], and then dial the number).
3. After the party answers, announce the conference, and then press the **Conf** button to place the call on hold. If necessary, repeat this step to add the remaining conference party.
4. Press the **Conf** button again to start the conference. CNF IN PROGRESS appears.

Adding a Conference Party

You can add a conference party during the conference.

To add a conference party:
1. Press the **Conf** button. This leaves the conference parties connected.
2. Place a call to the party to be added to the conference, and then announce the conference. Press the **Conf** button (twice) to add the party and rejoin the conference.

Transferring a Conference

You can transfer an existing conference to another extension.

To transfer a conference:
1. During the conference, press ✆ (Transfer), and then dial the extension number.
2. Announce the conference (if desired), and then hang up. CONFERENCE TFR from <name> appears on the called party’s display. The party must then press the flashing **Conf** button to connect to the conference.

Dropping Out of a Conference

You can drop out of a conference and return to the conference later.

To drop out of a conference:
Press the **Conf** button or ✆ (Hold), and then hang up. ENTER EXTENSION NUMBER appears. This removes you from the conference but leaves the other parties connected.

To return to the conference:
Press the flashing **Call** button. CONFERENCE WAS HOLDING appears, and you are reconnected to the conference.
Ending a Conference and Placing all Parties on Hold

You can end a conference and place all conference parties on Individual Hold, allowing you to toggle between the held parties and speak to one party at a time.

To end a conference and place all parties on Individual Hold:

Press the **Conf** button, and then press **Hold**. CONFERENCE PARTIES ON HOLD appears.

To toggle between the held callers:

Press **Hold** twice for internal parties or the applicable **Call** button for external parties.

Using Record-A-Call

You can use Record-A-Call to record an ongoing call as a mailbox message.¹ You can then retrieve the message from your voice mailbox. The Record-A-Call feature stays active after the other party hangs up, so you can add to the recorded call with your own message.

To use Record-A-Call:

1. While on a call, press **Special**, and then dial 385. REQUESTING RECORD-A-CALL appears.
2. Enter the voice mailbox number where you want the recording to be saved. RECORD-A-CALL IN PROGRESS appears, and both you and the calling party hear a confirmation tone (if enabled).

To stop Record-A-Call:

Do one of the following:

- Press **Special**, and then dial 385.
- Hang up.

Using Group Listen

You can use Group Listen to activate the speaker while you use the handset or headset to continue speaking. This allows other people to hear the other party on the call while the other party can only hear you (through the handset microphone). You cannot use Group Listen in Handsfree Mode.

To use Group Listen:

While on a call, press **Special**, and then dial 312. GROUP LISTEN ON appears, and you hear a confirmation tone. The other party does not hear the confirmation tone. Dial 312 again to turn Group Listen off.

¹. This feature may or may not be enabled for your system.
Using Call Logging

Your call logs are records of your most recent missed, received, and dialed calls. A maximum of 20 entries are stored in each call log.²

You can use Call Logging to:

• View recent call activity.
• View caller ID information.
• Return or redial calls.

To use Call Logging:

1. Dial 333.
2. Select one of the following options:
   • Press 1 (MISS).
   • Press 2 (RCV).
   • Press 3 (DL).
   • Press 4 (CLR).
3. Press ▲ (Up) or ▼ (Down) to scroll through the entries.
   The display shows the party’s name and the extension or outside number (if available) and the date and time.
   If no Caller ID information is available, UNKNOWN CALLER appears.

To return a call or redial a number listed in a call log:
   Press # while the display shows the number.

To delete individual call log entries:
   Press 0 to delete the displayed entry.

---

². This feature may or may not be enabled for your system.
Using Secondary Extension Buttons

Secondary Extension buttons must be programmed by your system administrator. You can use programmable buttons as “secondary extensions.” Secondary Extensions are assigned to other extensions in the system (primary extensions). Because Secondary Extension buttons are programmed by the system administrator, you cannot change the buttons (for example, assign features to the buttons).

When programmed, you can use Secondary Extension buttons to:

- Place an internal call to the primary extension.
- View the call activity at the primary extension.
- Transfer calls to the primary extension.
- Answer a call that is ringing or holding on any Call button at the primary extension.

NOTES

The system administrator must set up the Call buttons for internal calls or you cannot use Secondary Extensions at the primary extension.

You can use Secondary Extension buttons to notify you when a given number of calls are waiting at the primary extension.

If a Secondary Extension button is flashing (the primary extension has an incoming call), you can press # before pressing the flashing Secondary Extension button to call the primary extension and not answer the incoming call.
Using Configuration Assistant

If Configuration Assistant is enabled for your system, you can access this voice guided configuration portal that provides easy-to-use, remote access to the following phone configuration options:

- Dynamic Extension Express (see below)
- DND (see page 46)
- Manual Call Forwarding (see page 47)

NOTE: You need a Configuration Assistant extension number to use this feature. Contact your system administrator for more information.

Changing Your Station Password

Before using Configuration Assistant, Mitel recommends that you change your default Station password to something more secure.

To change your Station password:

1. Dial 392. ENTER PASSWORD appears.
2. Enter your current password (the default password is your extension number), followed by #. CHANGE PASSWORD TO appears.
3. Enter the new password followed by #. VERIFY PASSWORD appears.
4. Enter the new password again followed by #. DATABASE UPDATED appears.

To change the password from another phone, see “Changing Your Station Password” on page 50.

Accessing Configuration Assistant

Follow the instructions below to access Configuration Assistant.

To access Configuration Assistant:

1. Access the Configuration Assistant extension number from inside or outside the system by:
   - dialing it from any phone in the system.
   - being transferred to it.
   - dialing it from automated attendant, voice mail, or DISA.
2. Do one of the following:
   - If calling from your main desktop phone, proceed to step 3.
   - If calling from someone else's main desktop phone that is designated as a Configuration Assistant user, press the Star button (*), and then enter your extension number.
   - If calling from a phone that is not designated as a Configuration Assistant user, enter your extension number.
   - If transferred to Configuration Assistant or if calling Configuration Assistant from outside the system, enter your extension number.
3. Enter your Station password, and then press #.

You may now change the settings for any of the following features:

- Dynamic Extension Express (see page 46)
- DND (see page 46)
- Manual Call Forwarding (see page 47)
Changing the Dynamic Extension Express Settings

This feature is available only if the authenticated extension is identified as a Dynamic Extension Express (DEE) user. See “Using Dynamic Extension Express” on page 39 for more information.

To change the DDE settings using Configuration Assistant:

1. Access Configuration Assistant as described in “Accessing Configuration Assistant” on page 45.

2. Follow the voice prompts to change your DEE status (on or off) or program a mobile phone number. When this option is selected, Configuration Assistant first states whether DEE is currently enabled or not (for example, “Dynamic extension is enabled”), and then offers the following DEE functions:
   - Enable (only if DEE is disabled)
   - Disable (only if DEE is enabled)
   - Program mobile phone number [you do not have to enter the Outgoing feature code (8)]

3. Hang up, or press the Star button (*) to return to the main menu.

Changing the DND Settings

See “Using Do-Not-Disturb (DND)” on page 53 for more information about using DND.

To change the DND settings using Configuration Assistant:

1. Access Configuration Assistant as described in “Accessing Configuration Assistant” on page 45.

2. Follow the voice prompts to change your DND status (on or off). There is no option to provide a specific DND status message. When this option is selected, Configuration Assistant first states whether DND is currently enabled or not (for example, “Do-Not-Disturb is currently disabled”), and then offers the following DND functions:
   - Enable (only if DND is disabled)
   - Disable (only if DND is enabled)

3. Hang up, or press the Star button (*) to return to the main menu.
Changing the Manual Call Forwarding Settings

See "Manual Call Forwarding" on page 38 for more information about Manual Call Forwarding.

To change the Manual Call Forwarding settings using Configuration Assistant:

1. Access Configuration Assistant as described in "Accessing Configuration Assistant" on page 45.

2. Follow the voice prompts to change your manual call forwarding status (on or off). There is no option to provide a specific call forwarding condition, such as no answer or busy. When this option is selected, Configuration Assistant first states whether call forwarding is currently enabled or not (for example, "Call Forwarding is enabled") and then offers the following forwarding functions:
   - Forward calls to voice mail
   - Forward calls to an internal extension number
   - Forward calls to an external phone number [you do not have to enter the Outgoing feature code (8)]
   - Disable (only if Call Forwarding is enabled)

3. Hang up, or press the Star button (*) to return to the main menu.
Using Remote Programming

If the Configuration Assistant feature is enabled for your system, Mitel recommends that you use Configuration Assistant instead of the Remote Programming feature described in this section. Configuration Assistant offers an enhanced, voice guided configuration portal that provides easy-to-use, remote access to the Call Forwarding, Dynamic Extension Express, and DND features. See page 45 for using Configuration Assistant.

To use Remote Programming to access these features from another system phone or an external phone, follow the instructions in this section. 3

Changing the Dynamic Extension Express Settings

See “Using Dynamic Extension Express” on page 39 for more information about Dynamic Extension Express.

To enable Dynamic Extension Express using Remote Programming:

1. Do one of the following:
   - Call your DISA number (provided by the system administrator). If necessary, enter your DISA password.
   - Use any phone on the system.
2. Dial 359.
3. Enter your extension number.
4. Enter your Station password followed by #. See page 45 for details on setting up a Station password for your extension.
5. Dial 363 (Dynamic Extension Express On).

To disable Dynamic Extension Express using Remote Programming:

   Follow steps 1. - 4. above, dial 362 (Dynamic Extension Express Off), and then hang up.

3. This feature may or may not be enabled for your system.
Changing the DND Settings

See “Using Do-Not-Disturb (DND)” on page 53 for more information about using DND.

To turn on DND using Remote Programming:

1. Do one of the following:
   - Call your DISA number (provided by your system administrator). If necessary, enter your (DISA) password.
   - Use any phone on the system.
2. Dial 359.
3. Enter your extension number.
4. Enter your Station password followed by #. See page 45 for details on setting up a Station password for your extension.
5. Dial 370.
6. Enter the DND message number (01 to 20), and then enter the second-line message text (if applicable).

To turn off DND using Remote Programming:
Follow steps 1. through 4. above, and then dial 371.

Changing the Manual Call Forwarding Settings

See “Manual Call Forwarding” on page 38 for more information about Manual Call Forwarding.

To turn on Manual Call Forwarding using Remote Programming:

1. Do one of the following:
   - Call your DISA number (provided by your system administrator). If necessary, enter your (DISA) password.
   - Use any phone on the system.
2. Dial 359.
3. Enter your extension number.
4. Enter your Station password followed by #. See page 45 for details on setting up a Station password for your extension.
5. Dial one of the following Call Forwarding feature codes:
   - 355 (All)
   - 356 (No answer)
   - 357 (Busy)
   - 358 (No Answer/Busy)
6. Enter either an extension number or (8) followed by a phone number.

To turn off Call Forwarding using Remote Programming:
Dial 355, and then hang up.
Changing Your Station Password

You can use Remote Programming to change the Station password. See page 45 for details on setting up a Station password for your extension.

To change the Station password using Remote Programming:

1. Do one of the following:
   - Call your DISA number (provided by your system administrator). If necessary, enter your DISA password.
   - Use any phone on the system.
2. Dial 359.
3. Enter your extension number.
4. Enter your password followed by #.
5. Dial 392.
6. Enter the new password followed by #.
7. Enter the new password again followed by #.
Messages

This section describes the following system messaging features:

- **Inter-station messages**: Inter-station messages are alerts sent to your IP phone by other internal parties, notifying you to contact the party who left the message. The \(\text{\textit{\#}}\) (Message) button and Message/Ring Indicator flash to notify you of the new message. You can then either delete the message or reply to the message, which automatically places a call to the party who left the message.

- **Do-Not-Disturb (DND) messages**: Messages that other internal parties see when your IP phone is in DND. See “Using Do-Not-Disturb (DND)” on page 53.

- **Reminder messages**: Messages that you can use to notify yourself of upcoming appointments, meetings, and so on. See “Using Reminder Messages” on page 54.

- **Pages**: Announcements sent over phone speakers or external speakers. See “Paging Other System Users” on page 55.

- **Voice messages**: System voice mail messages.

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**NOTE**

Because a variety of voice mail products work with the 5000 CP, this guide does not include voice mail instructions. For voice mail instructions, refer to the voice mail user guide for your system. For example, refer to the *Enterprise Messaging, Basic Voice Mail, and Embedded Voice Mail Card User Guide*, part number 835.3205, or the *Mitel NuPoint Unified Messaging User Guide* on the [Mitel Web site](http://edocs.mitel.com). Contact your system administrator for more information about your voice mail system.

---

**Leaving Messages at Other Extensions**

You can leave inter-station or voice messages for other internal parties.

**To leave an inter-station or voice message for a busy IC extension:**

1. Press \(\text{\textit{\#}}\) (Message). HANG UP OR WAIT FOR MSG CENTER appears.

2. Do one of the following:
   - Hang up to leave an inter-station message. MESSAGE LEFT FOR <name> appears.
   - Stay on the line to connect to the message center (usually voice mail).

**To leave an inter-station message without placing an internal call:**

1. Dial 367 (Leave Message). LEAVE MESSAGE ON EXTENSION appears.

2. Enter the extension number. MESSAGE LEFT FOR <name> appears.
Messages

Viewing and Responding to Messages

When you have waiting messages, the (Message) button and Message/Ring Indicator flash and the display shows the number of waiting messages.

NOTE If your handset or speakerphone is off-hook when you view an inter-station message, you automatically call the party who left the message.

The display shows new messages as follows:

- Inter-station messages sent by other internal parties are indicated by the party’s programmed user name.
- Voice messages are indicated by FROM MBOX <your extension number>.

To view or respond to messages:

1. With the handset on-hook, press (Message). Messages are displayed as first in/first out. If there is more than one message, you can repeatedly press (Message) to scroll through the messages.
2. When the desired message is displayed, press #, or lift the handset for privacy, and then press # to respond. (If your handset is off-hook and you press (Message), you automatically place a call to the party or message center who left the message.)

Canceling Messages Left at Other Extensions

You can cancel messages left at other extensions.

To cancel a message left at another extension:

1. Dial 366. CANCEL MESSAGE ON EXT # appears.
2. Enter the extension number where you left the message. MESSAGE CANCELED FOR <name> appears.

Deleting Waiting Inter-Station Messages

You can delete waiting inter-station messages.

NOTE To delete waiting voice messages, you must connect to your voice mailbox.

To delete waiting inter-station messages:

2. Press * to delete the displayed message.
Using Do-Not-Disturb (DND)

You can use DND to stop calls and pages to your extension. When activated, internal calling parties see your selected DND message. DND does not block queue callbacks, recalls, and incoming external calls. The following table shows the 20 default DND messages. If your system administrator changes your DND messages, you can record the new messages in the “New Message” column for reference.

<table>
<thead>
<tr>
<th>Code</th>
<th>Default Message</th>
<th>New Message</th>
<th>Code</th>
<th>Default Message</th>
<th>New Message</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Do-Not-Disturb</td>
<td></td>
<td>11</td>
<td>Out of Town 'Til</td>
<td></td>
</tr>
<tr>
<td>02</td>
<td>Leave a Message</td>
<td></td>
<td>12</td>
<td>Out of Office</td>
<td></td>
</tr>
<tr>
<td>03</td>
<td>In Meeting Until</td>
<td></td>
<td>13</td>
<td>Out Until</td>
<td></td>
</tr>
<tr>
<td>04</td>
<td>In Meeting</td>
<td></td>
<td>14</td>
<td>With a Client</td>
<td></td>
</tr>
<tr>
<td>05</td>
<td>On Vacation/ Holiday 'Til</td>
<td></td>
<td>15</td>
<td>With a Guest</td>
<td></td>
</tr>
<tr>
<td>06</td>
<td>On Vacation/ Holiday</td>
<td></td>
<td>16</td>
<td>Unavailable</td>
<td></td>
</tr>
<tr>
<td>07</td>
<td>Call Me At</td>
<td></td>
<td>17</td>
<td>In Conference</td>
<td></td>
</tr>
<tr>
<td>08</td>
<td>At the Doctor</td>
<td></td>
<td>18</td>
<td>Away from Desk</td>
<td></td>
</tr>
<tr>
<td>09</td>
<td>On a Trip</td>
<td></td>
<td>19</td>
<td>Gone Home</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>On Break</td>
<td></td>
<td>20</td>
<td>Out to Lunch</td>
<td></td>
</tr>
</tbody>
</table>

You can enter a second line of text (up to 20 characters) for DND messages. For example, if you select IN MEETING UNTIL, you can enter “3:30” on the second line. When other internal parties try to call you, their displays show “IN MEETING UNTIL 3:30.”

**To turn on DND:**

1. Press the DND button. SELECT DND MSG # (01-20) appears.
2. Do one of the following:
   * Press ▲ (Up) or ▼ (Down) to scroll through the messages.
   * Enter the two-digit number for the DND message from the preceding table.
3. If applicable, enter the additional text for the DND description, if applicable. See “Using the Dialpad Buttons to Enter Characters” on page 17 for dialpad character descriptions.
4. Press 🗤 (Speaker) or lift and replace the handset.

**To turn off DND:**

Press the DND button. DO-NOT-DISTURB OFF appears.
Using Reminder Messages

You can use Reminder messages to alert you at a selected time, up to 24 hours in advance. At the selected time, the Reminder message signals you with eight short tones and your display shows the message, even if you are on a call.

The following table shows the 20 default Reminder messages. If your system administrator changes your Reminder messages, you can record the new messages in the "New Message" column for reference.

<table>
<thead>
<tr>
<th>Code</th>
<th>Default Message</th>
<th>New Message</th>
<th>Code</th>
<th>Default Message</th>
<th>New Message</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Meeting</td>
<td></td>
<td>11</td>
<td>Call Engineering</td>
<td></td>
</tr>
<tr>
<td>02</td>
<td>Staff Meeting</td>
<td></td>
<td>12</td>
<td>Call Marketing</td>
<td></td>
</tr>
<tr>
<td>03</td>
<td>Sales Meeting</td>
<td></td>
<td>13</td>
<td>Call Accounting</td>
<td></td>
</tr>
<tr>
<td>04</td>
<td>Cancel Meeting</td>
<td></td>
<td>14</td>
<td>Cancel DND</td>
<td></td>
</tr>
<tr>
<td>05</td>
<td>Appointment</td>
<td></td>
<td>15</td>
<td>Cancel Call Fwd</td>
<td></td>
</tr>
<tr>
<td>06</td>
<td>Place Call</td>
<td></td>
<td>16</td>
<td>Take Medication</td>
<td></td>
</tr>
<tr>
<td>07</td>
<td>Call Client</td>
<td></td>
<td>17</td>
<td>Make Reservation</td>
<td></td>
</tr>
<tr>
<td>08</td>
<td>Call Customer</td>
<td></td>
<td>18</td>
<td>Review Schedule</td>
<td></td>
</tr>
<tr>
<td>09</td>
<td>Call Home</td>
<td></td>
<td>19</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Call Corporate</td>
<td></td>
<td>20</td>
<td>Reminder</td>
<td></td>
</tr>
</tbody>
</table>

To set a Reminder message:
1. With the handset on-hook, dial 305. SELECT REMINDER MESSAGE # (01-20) appears.
2. Do one of the following:
   - Enter the two-digit number for the message from the table above.
   - Press \ (Up) or \ (Down) to scroll through the messages.
3. Press # to select the message.
4. Enter the time you wish to receive the message in hours and minutes (for example, 0900 or 900 for 9:00). Then press #. The display shows the Reminder message state.
   - If your system is set for 24-hour format, enter the applicable time (1400 = 2:00 P.M.).
   - If your system is set for 12-hour display format, press 1 for A.M. or 2 for P.M.

To cancel all Reminder message requests:
With the handset on-hook, dial 306. REMINDER MSGS CANCELED appears.

To clear a received Reminder message:
With the handset on-hook, press *.
Paging Other System Users

You can place page announcements through phone speakers or external speakers (if applicable). Your system may use page zones to prevent announcements from transmitting through every phone in the system. Each page zone contains a different combination of extensions and external paging equipment.

Contact your system administrator for page zone information. You can use the following table to save the page zone information for future reference.

<table>
<thead>
<tr>
<th>Page Zone Name</th>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Placing a Page Announcement

The following instructions describe how to place a page announcement.

To place a page announcement:
1. Press 7.
2. Enter the page-zone number (0 to 9).
3. Wait for the tone, make your announcement, and then hang up.

Enabling or Disabling the Paging Feature

You can enable or disable the Page feature for your extension. If your extension is assigned to more than one page zone, the Page on/off feature code enables or disables your extension for all pages zone (you cannot select individual zones).

To enable or disable paging for your IP phone:
Dial 325 to enable paging. PAGE RECEIVE ON appears. Dial 325 again to disable paging.
Hunt Groups

Hunt groups are groups of internal parties (agents) who share a common (hunt group) extension number. Calls can either be placed to the hunt group (using the hunt group extension number) or to a specific agent (using the agent’s extension number). Hunt groups are programmed by the system administrator.

Hunt groups types are either “UCD” or “ACD.”

- **UCD Hunt Groups**: Uniform Call Distribution (UCD) agents do not log in to the hunt group to receive calls.
- **ACD Hunt Groups**: Automatic Call Distribution (ACD) agents log in to the ACD hunt group to receive calls. Calls are distributed by either Agent IDs or extensions:
  - **Agent IDs**: Each agent is assigned an Agent ID number for logging in to the hunt group (see the next section). Hunt group calls are distributed to logged-in agents according to their Agent ID number instead of their extension number. Agents can log in to any ACD hunt group phone.
  - **Extensions**: Hunt group members do not use Agent IDs, and calls are distributed to phones where the agents are logged in.

Logging in to ACD Hunt Groups

You must log in to an ACD hunt group to receive hunt group calls. To stop calls, you either log out of the ACD hunt group or divert calls. See “Diverting Hunt Group Calls” on page 59.

**NOTES**

Only one agent can be logged in to a phone.

If the ACD Agent ID Automatic Connect option is enabled for your hunt group and you are using a headset, you are automatically connected to waiting calls when you log in. The first call you receive after you log in rings until you answer it; however, you are automatically connected to subsequent calls.

To log in to or out of all ACD hunt groups in which you are a member:

Dial 328 to log in to ACD hunt groups followed by your Agent ID, if necessary. AGENT LOGGED INTO ALL ACDS appears. Dial 328 again to log out of all ACD hunt groups.

To log in to one or more ACD hunt groups:

1. Dial 326. The display shows AGENT LOGIN ACD HG #.
2. Do one of the following:
   - Enter the ACD hunt group number.
   - Press # to log in to all of your ACD hunt groups.
   The display shows AGENT LOGIN AGENT ID.
3. Enter your Agent ID (if applicable), or press # if you do not have an agent ID. The display shows the log in status for one or all hunt groups.
Logging out of ACD Hunt Groups

You can log out of all ACD hunt groups at once or log out of each hunt group one at a time.

To log out of one or more ACD hunt group:

Do one of the following:

- Dial 328 to log out of all of your ACD hunt groups. The display shows AGENT LOGGED OUT OF ALL ACDS.
- Dial 327 to log out of one hunt group at a time.

  If you were logged in to only one hunt group, the display shows AGENT LOGGED OUT OF HUNT GROUP <number>.

  If you were logged in to more than one hunt group, the display shows AGENT LOGOUT HG #. Enter the extension number of the ACD hunt group.

Stopping the ACD Hunt Group Wrap-up Timer

Each time you end an ACD hunt group call, a wrap-up timer starts. The default wrap-up time is 15 seconds. Your system administrator can change the wrap-up timer settings.

Until this timer expires, you will not receive another hunt group call; however, you can stop the wrap-up timer to allow calls to your extension.

To stop the wrap-up timer:

  With the handset on-hook, dial 329. The display shows ACD WRAP-UP TERMINATED.
Other Hunt Group Features

The following features can be used by ACD or UCD hunt groups.

Requesting Agent Help

You can use Agent Help to request help from a designated “Agent Help Extension” (usually your supervisor) during a call. When your request call rings at the Agent Help Extension, the supervisor can join the call or reject the request.

To use Agent Help:

1. While you are on a hunt group call, press (Special), and then dial 375.
   
   If you hear repeating tones, one of the following has occurred:
   
   - The feature is not available at your IP phone.
   - You already have four parties in your call.
   - Not enough system circuits are currently available.
   - The Agent Help Extension is in DND.

2. If not preprogrammed, dial the Agent Help extension number.

   If the Agent Help Extension accepts the call, AGENT HELP IN PROGRESS appears.
   
   If the Agent Help Extension rejects the call, AGENT HELP REJECTED appears.

Diverting Hunt Group Calls

You can temporarily divert hunt group calls, preventing hunt group calls to your extension.

To divert hunt group calls:

Dial 324 to divert calls. The display shows the feature state DIVERT HUNT GROUP CALLS. Dial 324 again to program your IP phone to accept calls.
Hunt Groups

Hunt Group Supervisor Features

The following features can be used by hunt group supervisors only.

Accepting or Rejecting Agent Help Calls

Supervisors can accept or reject Agent Help calls.

To accept an Agent Help request:
Answer as usual. Your microphone is automatically muted.

To reject an Agent Help request:
Dial 376. AGENT HELP REJECTED appears.

Monitoring Calls

You can use Station Monitor to connect to a hunt-group call and hear both parties, but you cannot be heard by either one. Inter-station Monitor stops if the hunt group member terminates or transfers the call. You can barge-in or "steal" monitored calls, as described in the following sections. You can also record the call. See “Using Record-A-Call” on page 42 for more information about recording calls.

To use Station Monitor:
Dial 321, and then enter the extension number. MONITORING EXT <number> appears. Monitored hunt group members may hear an “activation tone” when the feature is activated.

Stealing Hunt Group Calls

While monitoring a hunt group call, you can “steal” the call from the hunt group member, which disconnects the call from the agent and transfers the call to your extension.

To steal a hunt group call:
Dial 387. CALL STOLEN FROM EXT <number> appears.

NOTE: Station Monitor is not supported on peer-to-peer (P2P) calls. Contact your system administrator for more information.
Using Barge-In

While monitoring a hunt group call, you can use Barge-In to join the call.

To monitor and/or barge in on a call:

1. **To use the speakerphone:** While on hook, dial 321. You hear a confirmation tone. ENTER EXT TO MONITOR appears.

   **To use the handset:** Lift the handset, and then dial 321. You hear a confirmation tone. ENTER EXT TO MONITOR appears.

2. Dial the extension number (or press the lit station speed-dial or DSS/BLF button) of the station to be monitored. You are automatically connected to the call. MONITORING (extension number) appears.

3. While silent monitoring a call, you have the following options:
   - **To barge in on a call,** dial 386. BARGE-IN IN PROGRESS appears. While on a call, you can monitor, record, or steal the call by entering the appropriate feature code.
     - To return to silent monitoring of the call, dial 386 again.
   - **To record the call,** dial 385.
   - **To record a call,** dial 385. MONITORING (extension number) appears. While on a call, you can monitor or steal the call by entering the appropriate feature code.
     - To stop recording the call, dial 385 again.
   - **To steal a call,** dial 387. CALL STOLEN FROM (extension number) appears. The hunt group member’s display shows CALL STOLEN BY (extension number). After the supervisor steals the call, the call becomes a regular call. While on a call, you can record the call by dialing 385.
   - **To join and record a call,** dial 386, and then dial 385. BARGE-IN IN PROGRESS appears. While on a call, the supervisor can monitor, stop recording, or steal the call by entering the appropriate feature code.
     - To stop recording the call, dial 385 again.

4. **To terminate any of the features:** If off hook, hang up or enter the specific feature code of the feature you want to terminate. If on hook, press the Speaker button or enter the specific feature code of the feature you want to terminate.
Troubleshooting

The following sections can help you solve problems that you may be experiencing with your IP phone. Troubleshooting topics include:

- **Contact Information**: Information about system administrator contacts.
- **Error Messages**: Error messages and descriptions.
- **Troubleshooting Tips**: Possible problems and methods to solve them.

**Contact Information**

Your system administrator can help you with items such as changing your settings or modifying phone features. System administrator duties include:

- Adding new user accounts.
- Setting the date and time.
- Programming System Speed-Dial numbers.
- Making database changes, such as changing user names and extension numbers.

Contact your system administrator with questions that are not covered in this user guide. If you need further assistance, you can find provider information on the Mitel Web site (www.mitel.com). All sales, service, and support are coordinated at the local level.

**Error Messages**

The following error messages may appear when using your IP phone.

<table>
<thead>
<tr>
<th>Message</th>
<th>Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANNOT ACCESS FEATURE</td>
<td>The feature is enabled but other feature-related conditions were not met. Make sure that all feature-related conditions are met and retry.</td>
</tr>
<tr>
<td>CANNOT ACCESS RESERVED FEATURE</td>
<td>Your system does not support the feature. Contact your system administrator for more information.</td>
</tr>
<tr>
<td>INVALID FEATURE CODE</td>
<td>The feature code entered does not exist. Retry using the correct feature code (see page 21).</td>
</tr>
<tr>
<td>INVALID EXTENSION NUMBER</td>
<td>The extension number entered does not exist. Retry using a valid extension number.</td>
</tr>
<tr>
<td>NO UPDATE PERFORMED</td>
<td>The feature was not completed or one or more feature conditions were not met.</td>
</tr>
</tbody>
</table>
# Troubleshooting Tips

The following table includes troubleshooting tips for phone and system features.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The IP phone is not working properly.</td>
<td>Contact your system administrator.</td>
</tr>
<tr>
<td>I cannot use one or more of the features described in this guide.</td>
<td>The feature may not be enabled. Contact your system administrator for more information.</td>
</tr>
<tr>
<td>I cannot program System Speed-Dial numbers.</td>
<td>Your system administrator programs System Speed Dial numbers.</td>
</tr>
<tr>
<td>I cannot change the time and date on the phone display.</td>
<td>Your system administrator programs the time and date. Contact your system administrator if you notice that the date and time are incorrect.</td>
</tr>
<tr>
<td>I am experiencing audio problems on my phone such as echo, distorted sound, or choppiness.</td>
<td>Contact your system administrator if you are having audio problems.</td>
</tr>
<tr>
<td>The name on the display is incorrect.</td>
<td>Your system administrator assigns display names.</td>
</tr>
<tr>
<td>I cannot use the local telephone company star codes (for example, *82, *69) when I press the Outgoing button or use the Outgoing Call access code (8 is the default code) when calling an external number.</td>
<td>Rather than pressing the Outgoing button or 8 to access an outside line, you must dial a Select Line Group number before you can use the star codes. For example, if your system is using the default Select Line Group numbers, dial 92001 to access that line. After you have dial tone, you can dial the star code and the number.</td>
</tr>
<tr>
<td>I cannot use the Agent Help, Record-a-Call, or Station Monitor feature.</td>
<td>If your system uses Peer-to-Peer (P2P) audio, you cannot use these features when you are on a P2P call. Contact your system administrator for more information.</td>
</tr>
<tr>
<td>I cannot program a Station Speed Dial number to the button I want.</td>
<td>Before assigning the speed-dial number to a programmable button, you must store the number with either a Station Speed-Dial bin.</td>
</tr>
</tbody>
</table>
### Troubleshooting

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Solution</th>
</tr>
</thead>
</table>
| When I try to use the Dynamic Extension Express – Handoff feature (388), the display shows NO CALL TO HAN.DOFF. | The NO CALL TO HANDOFF display indicates that the call cannot be handed off because one of the following may have occurred:  
  - You tried to use the Handoff feature on a call that has not been routed by Dynamic Extension Express.  
  - You tried to use the Handoff feature on a call that the system has not yet recognized as a valid call.  
  - You tried to use the Handoff feature on an unsupported extension. The Handoff feature is supported on your main extension only.  
  - You tried to use the Handoff feature on a phantom extension. The Handoff feature is not supported on phantom extensions.  
  - You entered the handoff feature code at the exact time the other party on the call disconnected.  
  - The call was terminated for some reason. |
Index

Symbols

5312 IP Phone Features 2
5324 IP Phone Features 3

A

About Your Phone 1
Account Codes, using 33
ACD Hunt Group Wrap-Up Timer, stopping 58
ACD Hunt Groups
  logging in 57
  logging out 58
Agent Help
  accepting or rejecting 60
  requesting 59
Agent, ACD hunt group 57
Analog Button 11
Audio Problems 64
Automatic
  access, using 25
  trunk answer, using 26
Automatic Call Access, using 25
Automatic Trunk Answer, using 26

B

Background Music
  background 16
  listening 16
Barge-In, using 61
Button Assignments, viewing 23
Buttons
  DSS/BLF 19
  feature 5

C

Call Forward
  manual 38
  system 38
  using 38
Call Logging, using 43
Callback, requesting 28
Caller ID Information
  displaying 37
  viewing 37

Calls
  answering 25
  camping-on to phone 28
  conference, placing 41
  emergency, placing 27
  external, placing 29
  forwarding 38
  fowarding 37
  logs, using 43
  monitoring 60
  muting the microphone 35
  phonequeuing for 28
  picking up (reverse transferring) 37
  placing 27
  placing internal (IC) 28
  placing on hold 36
  recording 42
  redirecting 26
  redirecting incoming 26
  stealing 60
  transferring 36
  waiting 25
  waiting, answering 25

Calls to External Numbers, transferring 37
Calls to Other Extensions, transferring 36
Camp-On, using 28
Characters, entering dialpad 17
Codes
  account 33
  default system access 20
  feature, default 21
  outgoing call access 27, 29

Comfort and Safety Tips 7
Conference
  dropping 41
  ending 42
  transferring 41

Conference Calls
  adding a party to 41
  dropping out of 41
  ending 42
  placing 41
  transferring 41

Conference Party, adding 41
Conference Unit
  muting 8
  presentation mode, placing 9
  turning on and off 8
  volume, adjusting 8
Index

Configuration Assistant  45
  accessing  45
  using  45
Contact Information  63
Contacts, information  63
Contrast, changing  15

D

Default
  programmable buttons, resetting to  23
  settings, returning the phone to  24
  system access codes  20
Default Access Codes  20
Default Feature Codes  21
Designation Cards, installing  14
Dialpad
  buttons  5
  characters, entering  17
Dialpad Buttons  5
Dialpad Buttons to Enter Characters, using  17
Direct Station Selection/Busy Lamp Field (DSS/BLF) Unit  19
Directory, using  32
Display
  contrast, changing  15
  name, changing  64
Display Buttons  4
Display Contrast, adjusting  15
DND Settings, changing  46,  49
Do-Not-Disturb (DND), using  53
Door Relay, activating  24
Dynamic Extension Express
  enabling and disabling  40
  handoff  40
  settings, changing  46,  48
  using  39

E

Emergency Calls
  placing  27
  placing, using the LIM Line  27
Error
  messages  63
  tones, phone  6
Error Messages  63
Extension Numbers  20
External Calls, placing  29

F

Failover Mode  12
Feature
  buttons  5
  canceling  5
  Codes, using  21
  Feature Buttons  5

G

Group Listen, using  42

H

Handset
  off-hook  6
  off-hook, on-hook  6
  on-hook  6
Handsfree Mode
  overriding  35
  using  35
Hookflash, entering  36
Hunt Group Calls
  diverting  59
  stealing  60
Hunt Group Supervisor Features  60
Hunt Groups
  accepting or rejecting Agent Help  60
  Agent Help, requesting  59
  agent IDs  57
  Automatic Call Distribution (ACD)  57
  Barge-In, using  61
  calls
    diverting  59
    monitoring  60
    stealing  60
  logging out of  58
  types  57
  Uniform Call Distribution (UCD)  57
  wrap-up timer  58
## Index

### I
- Individual Hold, using 36
- Internal Calls, placing 28
- Internal calls, placing 28
- Inter-Station Messages, waiting, deleting 52

### IP Phone
- blank display 1
- changing volume levels 15
- comfort and safety 7
- Display buttons 4
- features
  - dialpad buttons 5
  - feature buttons 5
  - Ring/Message Indicator 4
  - speaker 4
- ring tone, selecting 15
- viewing angle, changing 13

### IP Phone to the Default Settings, resetting 24

### K
- Keymaps
  - changing 24
  - switching 24

### L
- Language, changing 16
- LCD
  - contrast, changing 15
  - display buttons 4
- Line Interface Module (LIM), using 10
- Logs, call 43

### M
- Manual Call Forwarding 38
- Manual Call Forwarding Settings, changing 47, 49
- Members, hunt group 57

### Messages
- canceling 52
- deleting 52
- Do-Not-Disturb 53
- error 63
- leaving 51
- other extensions, canceling 52
- other extensions, leaving 51
- pages 55
- reminder 54
- replying to 52
- viewing 52
- viewing and responding 52
- voice, listening to 52

### Microphone, muting 35
- Music, background 16
- Mute, using 35

### N
- Numbers
  - redialing 29
  - redialing external 29

### O
- Off-Hook 6
- On-Hook 6
- Other Hunt Group Features 59
- Outgoing Call Access Code 27, 29
- Outside Line Access Codes 20

### P
- Page Announcement, placing 55
- Paging
  - enabling or disabling 55
  - other system users 55
  - using 55
- Paging Feature, enabling or disabling 55
- Password, Remote Programming
  - changing 50
  - entering 45
- Phone
  - default settings, returning to 24
  - error tones 6
  - features
    - programmable buttons 19
  - queuing 28
  - signals 6
# Index

Phone Feature Descriptions 4  
Phone Signals 6  
Placing Calls  
  conference 41  
  internal 28  
Programmable Buttons 6  
  resetting 23  
  resetting to default values 23  
  using 19  
  viewing button assignments 23  
Programmable Key Module (PKM) 19  

R  
Record-A-Call, using 42  
Redialing external numbers 29  
Redirecting incoming calls 26  
Reminder Messages, using 54  
Remote Programming  
  change DND settings, using 46  
  change the password, using 50  
  forward calls, using 46, 47  
  password  
    changing 50  
    entering 45  
    using 48  
Reverse Transfer (Call Pickup, using 37  
Reverse Transfer (Call Pickup), using 37  
Ring Intercom Always, using 35  
Ring Message Indicator 4  
Ring Tone, changing 15  
Ring Tone, selecting 15  
Ring/Message Indicator 4  

S  
Secondary Extension Buttons, using 44  
Settings, returning to default 24  
Signals, IP phone 6  
Speaker 4  
Speaker, external 4  
Speakerphone  
  description 4  
    Group Listen, using 42  
    handsfree calls 35  
Speed Dial  
  Station, using 30  
  System, using 30  
    using 30  
Speed-Dial Numbers to Programmable Buttons, assigning 31  

STAR Codes, telephone company 64  
Station Messages  
  canceling 52  
  deleting 52  
  leaving 51  
  replying to 52  
  viewing 52  
Station Monitor, using 60  
Station Password, changing 45, 50  
Station Speed Dial  
  numbers  
    deleting 31  
    dialing 30  
    storing 30  
    using 30  
Station Speed-Dial Numbers  
  deleting 31  
  dialing 30  
  storing 30  
System  
  forwarding 38  
  Hold 36  
    information, displaying 37  
    time and date, setting 64  
System Forwarding 38  
System Information, viewing 37  
System Speed Dial, using 30  

T  
Time and Date, system 64  
Tips  
  comfort and safety 7  
  troubleshooting 64  

V  
Viewing Angle, adjusting 13  
Voice Mail User Guides 51  
Voice messages  
  deleting 52  
  leaving 51  
  listening to 52  
Volume Levels 15  
Volume Levels, changing 15  

W  
Welcome 1  
Wrap-Up Timer, stopping 58