USER GUIDE

Cisco Unified IP Phones 7942G and 7962G for Cisco Unified Communications Manager Express 4.3

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1 Overview

This guide provides phone operating instructions, and features descriptions for the Cisco Unified IP Phone multiline models 7942G and 7962G. The 7942G has two lines and the 7962G has six lines.

Physical Description

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
</table>
| 1  Line or speed-dial button | Opens new line, speed-dials phone number, or ends call. Buttons light to indicate status:  
                                  Green, steady: Active call or two-way intercom call  
                                  Green, flashing: Held call  
                                  Amber, steady: Privacy in use, one-way intercom call, DnD active.  
                                  Amber, flashing: Incoming call or reverting call  
                                  Red, steady: Remote line in use (shared line or BLF status)  |
<p>| 2  LCD screen             | Displays information such as line/call status, phone number, and soft key tabs. |
| 3  Footstand adjustment   | Allows you to adjust angle of phone base.                                    |
| 4  Messages button        | Provides access to message (voice mail) system.                              |
| 5  Directories button     | Provides access to phone directories.                                        |
| 6  Help button            | Activates Help menu.                                                         |
| 7  Settings button        | Provides access to phone settings such as display contrast and ring type.    |
| 8  Services button        | Provides access to phone services.                                           |</p>
<table>
<thead>
<tr>
<th>Name (continued)</th>
<th>Description (continued)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>9</strong> Volume button</td>
<td>Increases or decreases handset, headset, ringer, or speakerphone volume.</td>
</tr>
<tr>
<td><strong>10</strong> Speaker button</td>
<td>Toggles speaker on and off.</td>
</tr>
<tr>
<td><strong>11</strong> Mute button</td>
<td>Toggles mute on and off.</td>
</tr>
<tr>
<td><strong>12</strong> Headset button</td>
<td>Toggles headset on and off.</td>
</tr>
<tr>
<td><strong>13</strong> Navigation button</td>
<td>Scrolls through text and selects features that are displayed on the LCD screen.</td>
</tr>
<tr>
<td><strong>14</strong> Keypad</td>
<td>Functions as traditional telephone keypad.</td>
</tr>
<tr>
<td><strong>15</strong> Soft keys buttons</td>
<td>Engages functions visible on corresponding LCD tabs.</td>
</tr>
<tr>
<td><strong>16</strong> Handset with indicator light</td>
<td>Functions as traditional handset and provides message waiting indicator light and message-waiting (stutter) tone.</td>
</tr>
</tbody>
</table>
Connecting Your Phone

This section shows and describes the connectors on your Cisco Unified IP phone.

1. DC adapter port (DC 48V) for phones not provided with inline power
2. AC-to-DC power supply
3. AC power cord
4. Network port (10/100 SW) for connecting to the network
5. Access port (10/100 PC) for connecting your phone to your computer
6. Handset port
7. Headset port
8. Footstand button
Adjusting the Handset Rest

When you connect your phone, you can adjust the handset rest so that the receiver will not slip out of the cradle. To adjust the handset:

1. Set the handset aside and pull the square plastic tab from the handset rest.
2. Rotate the tab halfway.
3. Slide the tab back into the handset rest. An extension protrudes from the top of the rotated tab. Return the handset to the handset rest.
## Operating Your Phone

This section describes how to operate your Cisco Unified IP phone and includes information on soft keys and phone features.

### Note

Because there are differences in phone and site configurations, not all features described here may apply to your phone. Consult your administrator for more information.

### Soft Key Descriptions

Your Cisco Unified IP phone is equipped with soft keys for call features and options. Soft keys are displayed along the bottom of the LCD screen and activated using the corresponding buttons. Soft keys can change according to the state of the phone.

Following is a comprehensive list of soft keys offered on these Cisco Unified IP Phones. Functions depend on your system configuration.

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<th>Soft Key</th>
<th>Function</th>
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<td>&lt;&lt; or &gt;&gt;</td>
<td>Navigates to edit characters. Use the backspace soft key to erase digits that you entered incorrectly.</td>
</tr>
<tr>
<td><strong>Answer</strong></td>
<td>Answers an incoming call.</td>
</tr>
<tr>
<td><strong>Callback</strong></td>
<td>Notifies callers that the called line is free.</td>
</tr>
<tr>
<td><strong>Cancel</strong></td>
<td>Cancels the last selection.</td>
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<tr>
<td><strong>CFwdALL</strong></td>
<td>Forwards all calls.</td>
</tr>
<tr>
<td><strong>Clear</strong></td>
<td>Clears directory history.</td>
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<tr>
<td><strong>Confrn</strong></td>
<td>Connects callers to a conference call.</td>
</tr>
<tr>
<td><strong>Delete</strong></td>
<td>Deletes selected number.</td>
</tr>
<tr>
<td><strong>Dial</strong></td>
<td>Dials the displayed number.</td>
</tr>
<tr>
<td><strong>DnD</strong></td>
<td>Enables the Do-Not-Disturb feature.</td>
</tr>
<tr>
<td><strong>Down</strong></td>
<td>Decreases the LCD screen contrast.</td>
</tr>
<tr>
<td><strong>EditDial</strong></td>
<td>Selects a number and activates the cursor for editing.</td>
</tr>
<tr>
<td><strong>EndCall</strong></td>
<td>Ends the current call.</td>
</tr>
<tr>
<td><strong>Exit</strong></td>
<td>Exits from current selection.</td>
</tr>
<tr>
<td><strong>Flash</strong></td>
<td>Provides hookflash functionality for three-way calling and call waiting services provided by the PSTN or Centrex service.</td>
</tr>
<tr>
<td><strong>GPickUp</strong></td>
<td>Selectively picks up calls coming into a phone number that is a member of a pickup group.</td>
</tr>
<tr>
<td><strong>Hold</strong></td>
<td>Places an active call on hold. Resumes call on hold.</td>
</tr>
<tr>
<td><strong>LiveRcd</strong></td>
<td>Enables the user to record a phone conversation.</td>
</tr>
<tr>
<td><strong>Login</strong></td>
<td>Provides PIN-controlled access to restricted phone features. Contact your administrator for instructions.</td>
</tr>
<tr>
<td><strong>more</strong></td>
<td>Scrolls through additional soft key options (for example, use more soft key to locate the DnD soft key).</td>
</tr>
<tr>
<td><strong>NewCall</strong></td>
<td>Opens a new line on the speakerphone to place a call.</td>
</tr>
<tr>
<td><strong>Ok</strong></td>
<td>Confirms the selection.</td>
</tr>
<tr>
<td><strong>Park</strong></td>
<td>Forwards calls to location from which calls can be retrieved by anyone in the system.</td>
</tr>
<tr>
<td><strong>PickUp</strong></td>
<td>Selectively picks up calls coming into another extension.</td>
</tr>
<tr>
<td><strong>Play</strong></td>
<td>Plays ring sound sample.</td>
</tr>
</tbody>
</table>
Place a Call

Use one of the following methods to place a call:

- Lift the handset and dial the number.
- Dial the number, and then lift the handset.
- Dial the number, and then press the Dial soft key.
- Press the line button for your extension, and then dial.
- Press the Speaker button, and then dial.
- Press the New Call soft key, and then dial.
- If you are using a headset, press the Headset button, and then dial.
- Dial the number, and then press the Headset button.
- If you have established speed-dial numbers, press a speed-dial button.
- If you have selected a number from a directory, press the Dial soft key.

Note  Use the backspace (<<) soft key to erase digits that you enter incorrectly.

Answer a Call

To answer a call:

- Lift the handset.
- If you are using a headset, press the Headset button. If necessary, press the line button to select between incoming calls.
- If you are using the speakerphone, press the Answer soft key or the Speaker button.

End a Call

To end a call:

- Hang up the handset.
- If you are using a headset, press the Headset button or the EndCall soft key.
- If you are using a speakerphone, press the Speaker button or the EndCall soft key.

Redial a Number

To redial the most recently dialed number:

- Lift the handset and press the Redial soft key.
- Press the Redial soft key to dial using the speakerphone.
Hold a Call
To place a call on hold while on the call:
- Press the Hold soft key.
To retrieve a held call:
- Press the Resume soft key.
  - If multiple calls are on hold, use the Navigation button to select the desired call before you press Resume.
  - If multiple calls on multiple lines are on hold, press the line button for the line that you want to pick up. The active call on the other line is automatically put on hold.

Note Because the hold feature can generate music or tones, avoid using hold when dialed into a remote conference system. Conferences that are created locally on your phone can safely be placed on hold without introducing music or tones into the conference.

Mute a Call
To mute a call:
- While on a call, press the Mute button. The Mute button lights, indicating that the other party cannot hear you.
To deactivate the mute function, do one of the following:
- Press the Mute button again.
- Lift the handset if you are using mute with your speakerphone.

Note The Mute feature does not generate music or a tone.

Manage Call Waiting
If you are on a call when a second call comes in, you hear a call-waiting tone or see a flashing indicator light on the handset rest, depending on the configuration of your phone.
To answer the new call on the same line:
1. Use the Navigation button to select the call
2. Press the Answer soft key to answer the call. The call on the other line is automatically put on hold.
To return to the original call:
1. Use the Navigation button to reselect the call.
2. Press the Resume soft key to reconnect to the call.
For calls on a separate line:
- Press the Line button for the incoming call. The call on the other line is automatically put on hold.
To return to the original call:
- Press the Line button associated with the original call.

Retrieve Voice Messages
To retrieve voice messages:
1. Select an available Cisco Unified IP phone line by lifting the handset, pressing the speakerphone button, or pressing a line button. Listen for the dial tone.
2. Press the Messages button, and follow the voice instructions.
**Note**  When you have one or more new messages, the message-waiting indicator (MWI) on your handset is lit. The MWI works only if the MWI is configured on your phone.

**Note**  Your company determines the voice message service that your phone system uses. For the most accurate and detailed information, refer to the documentation that came with your voice message service.

**Adjust the Volume for the Current Call**

To adjust the handset, speakerphone, or headset volume for the current call:

1. During a call, press the **Up** or **Down Volume** button.
2. Press the **Save** soft key to apply the new volume level to future calls.

**Adjust the Ring Volume**

- Press the **Up** or **Down Volume** button while the handset is in its cradle and the phone is idle.

**Select the Ring Type**

To change the ringer sound:

1. Press the **Settings** button.
2. Press **2** for Ring Type, or use the **Navigation** button to scroll to Ring Type and press the **Select** soft key.
3. Use the **Navigation** button to scroll through the list of ring types. Press the **Play** soft key to hear samples.
4. Highlight the ring you want, and then press the **Select** soft key.
5. Press the **Ok** soft key to select your setting.
6. Press the **Save** soft key to save the setting, or press **Cancel** to exit to the previous menu without changing the setting.
7. Press the **Exit** soft key to go to the main directory menu.

**Adjust the Display Contrast**

To adjust the contrast in your LCD display:

1. Press the **Settings** button.
2. Press **1** for Contrast, or use the **Select** soft key.
3. Use the **Down** or **Up** soft key to change the contrast.
4. Press the **Ok** soft key.
5. Press the **Save** or **Exit** soft key.
6. Press the **Ok** soft key to select your contrast setting.
7. Press the **Save** soft key to save the setting, or press **Cancel** to exit to the previous menu without changing the setting.
8. Press the **Exit** soft key to go to the main directory menu.

**Note**  In the following procedures, you may need to enter information using the keypad. Press the backspace (<<) soft key to erase digits that you enter incorrectly.

**Divert Incoming Calls**

To forward any incoming call to the call-forward destination, for example voice mail, preset set on the Cisco Unified IP phone:

- Press the **DnD** soft key.
Note  If the call-forward destination is not set, pressing the DnD soft key disables the ringer.

Park a Call

Call park allows a phone user to place a call on hold at a designated parking spot from which the call can be retrieved by anyone on the system.

Note  Contact your administrator for your call park slot number.

To park a call:

- Press the Park soft key.

  The Cisco Unified Communications Manager Express system automatically selects an available call park slot and displays the number on the Cisco Unified IP phone screen.

To park a call to a specific call park slot:

- Press the transfer button followed by the call park slot number provided by your administrator.

To retrieve a parked call:

- If your phone receives a call park notification, press the PickUp soft key followed by the asterisk (*).
- Press the PickUp soft key followed by the call park slot number.

Call-Blocking (Toll Bar) Override

Call blocking prevents unauthorized use of phones. It is implemented by matching a pattern of specified digits during a specified time of day and day of week or date. The call-blocking override feature allows individual phone users to override the predefined call blocking.

Note  Contact your administrator for your personal identification number (PIN).

To place calls when call-blocking is enabled:

1. Press the Login soft key on the Cisco Unified IP phone.
2. Enter the Personal Identification Number (PIN) that is associated with the phone.

Transfer a Call

To transfer a selected call to another number, you can use blind transfer or consultative transfer:

Blind Transfer

Immediately redirects the call without allowing you to speak to the transfer recipient (the person to whom you are transferring the call).

To make a blind transfer call, use the following method:

1. During a call, press the Transfer soft key. The call is placed on hold.
2. Dial the number to which you want to transfer the call.

Consultative Transfer

Redirects the call after first allowing you to speak to the transfer recipient.

To make a consultative transfer, use the following method:

1. During a call, press the Transfer soft key. The call is placed on hold.
2. Dial the number to which you want to transfer the call.
3. Wait for the call to be answered. Speak to the transfer recipient. Then press the Transfer button or hang up the handset.
4. If the transfer fails, press the Resume soft key to return to the original call.

**Transfer to Voice Mail**
1. Press TrnsfVM.
2. Enter the recipient’s extension number and press TrnsfVM again.

**Cancel Transfer**
1. To cancel your consult call-transfer attempt:
   - Press the EndCall soft key.
2. To reconnect to the original caller:
   - Press the Resume soft key.

**Forward All Calls**
To forward all incoming calls to another number:
1. Press the CFwdALL soft key. You hear a confirmation beep.
2. Dial the number to which you want to forward all your calls. Dial the number exactly as if you were placing a call to that number. Remember to include locally required prefix numbers.
   The phone display is updated to show that calls will be forwarded.
3. Press the pound key (#) or the EndCall soft key.

**Note**
To forward calls to voice mail, manually enter the voice mail number, or use the CFwdALL soft key plus the Messages button, followed by the EndCall soft key. When call forward all is set, the display will show Call Forward Icon.

To forward calls to a speed-dial number, use the CFwdALL soft key plus a speed-dial button, followed by the EndCall soft key.

To cancel call forwarding, use one of the following methods:
- Press the CFwdALL soft key.

**Pick Up Calls**
To pick up a call that is on hold or a call that is ringing at another extension:
1. Press the PickUp soft key.
2. Dial the extension number of the Cisco Unified IP phone that you want to pick up. Control of the call is transferred to your phone.

To selectively pick up a call ringing at a number that belongs to a pickup group:
- Press the GPickUp soft key. If only one pickup group is defined in the entire Cisco Unified Communications Manager Express system, control of the call is transferred to your phone.
- If the ringing telephone and your phone are in the same pickup group, press the asterisk (*) to transfer control of the call to your phone.
- If the ringing telephone and your phone are in different pickup groups, dial the pickup group number where the phone is ringing to transfer control of the call to your phone.

**Place and Establish a Conference Call**
To create a three-party conference call, perform the following steps:
1. During a call, press the more soft key and then the Confrn soft key to open a new line and put the first party on hold.
2. Place a call to another number.
3. When the call connects, press **Conf**rn again to add the new party to the call.

To establish a conference call between two- and three-party calls to a Cisco Unified IP phone, one active and the other on hold:
- Press the **Conf**rn soft key on the Cisco Unified IP phone.

To establish a conference call between second- and third-party calls already present on a Cisco Unified IP phone, using separate line buttons, one active and the other on hold, perform the following steps:
1. Press the **Conf**rn soft key on the Cisco Unified IP phone.
2. Press the **Line** button of the call you want to add to the conference.

**Note**  Your system administrator will have configured the system for three-party or eight-party ad-hoc conferences.

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### Place a MeetMe Conference Call

To Place a MeetMe conference call:

1. Obtain a MeetMe conference number from your administrator
2. Distribute the MeetMe conference number to all the participants.
3. Go offhook, press the MeetMe softkey, and dial the MeetMe conference number. All other participants join the meeting by dialing into the MeetMe conference number.
   - To end the MeetMe conference call, all participants must hang up the handset or press the **End Call** soft key.

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### End a Conference Call

To end the conference call:
- Hang up the handset, or press the **End Call** soft key.

**Note**  Depending on configuration when the conference call initiator disconnects, the conference call terminates.

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### Alternate Methods to End a Conference Call

Call initiators may use one of the following methods (functionality will vary according to your system configuration):
- To end the conference and remain connected to the most recent call, press the **Conf**rn soft key. The older call is placed on hold.
- To disconnect from the conference, hang up the handset. The other parties remain on the conference call.

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### Live Record a Call

Call initiators can use the **LiveRcd** soft key to record an active call, private line or conference call. To record a call, use this method:
1. Press the **LiveRcd**. This puts the other party on-hold and initiates a call to the configured live record number.
2. Press the **LiveRcd** again to stop the recording.

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### Join a Shared-Line Call

User can join a call on a shared line using the **cBarge** softkey.
To join the shared-line call, use the following method:
1. Highlight the remote-in-use call that you want to join.
2. Press the **more** to navigate to **cBarge** and press **cBarge**.
Place a Call from Your Local Directory

To access the local phone directory established by the administrator:

1. Press the **Directories** button.
2. Press the Navigation **Up** or **Down** button or press **4** to select the Local Directory.
3. Press the Navigation **Up** or **Down** button to select the Last, First, or Number field search option.
4. Using the keypad, enter the last name or first name for the entry.
   - When entering letters, select the appropriate number key of the letter you want, and press that key a number of times that equals the position of the target letter. For example, to enter a B, press the 2 key two times, and to enter a C, press the 2 key three times. Use the backspace (**<<**) soft key to make corrections while entering data.
5. Press the **Search** soft key to find your selection.
6. If your search results in multiple listings, use the Navigation **Up** or **Down** button to select the correct number.
7. Press the **Dial** soft key to dial the selected number.

Program Personal Speed-Dial Buttons

After an administrator defines one or more speed-dial instances for a Cisco Unified IP phone, you can reprogram numbers that are not locked or program numbers into an instance that has an empty dial string:

1. Select an available phone line by lifting the handset, by pressing the **NewCall** soft key, or by pressing a line button. Listen for the dial tone.
2. Press the pound key (**#**).
3. Press the speed-dial button that you want to program. A short beep confirms that you are starting to program this button.
4. Enter the speed-dial number. The digits appear on the phone display. When you are entering speed-dial numbers, use the backspace (**<<**) soft key to erase digits that you entered incorrectly.
   - To remove a speed-dial number without replacing it with a new one:
     1. Press the pound key (**#**).
     2. Press the same speed-dial button a second time to indicate that you are done entering the speed-dial digits and to store the new speed-dial number.
     3. Hang up the handset, or press a new speed-dial button and repeat this procedure.

Place a Call from Your System Speed-Dial Directory

To place a call from your system speed-dial directory:

1. Select an available Cisco Unified IP phone line (off hook or **NewCall**) and get a dial tone.
2. Press the **Directories** button, or use the **Navigation** button to locate Directory and then press the **Select** soft key.
3. Use the **Navigation** button to scroll through the options. Use the **Select** soft key to select speed-dial options.
   - Press **5** for the Local Speed Dial.
   - Press **6** for the Personal Speed Dial (functionality varies depending on your system configuration).
4. Use the **Navigation** button to scroll through the speed-dial phone list.
5. To dial the selected phone number, either press the **Select** soft key or enter the number on the keypad.
6. Press the **Exit** soft key to go to the directory menu.

View Call History

To view recent missed, received, or placed calls:

1. Press the **Directories** button.
2. Use the **Navigation** button to scroll and select the desired call list. Press the **Select** soft key, or:
   - Press **1** on the keypad for Missed Calls.
   - Press **2** on the keypad for Received Calls.
Place a Call from Call History

To place a call to a number in the call history list:

1. Use the Navigation button to scroll through the call history list.
2. Use the Select soft key to select a phone number. The digits appear on the phone display.
3. To dial the number as it appears on the phone display:
   - Press the Dial soft key.

To edit the number on the phone display before dialing:

1. Press the EditDial soft key to place the cursor at the beginning of the number on the phone display.
2. Use the keypad to edit the digits as needed. Use the backspace (<<) soft key to erase digits that you enter incorrectly.
3. Press the Dial soft key to place the call.

Clear Call History

To clear all numbers in the directory histories:

- Press the Clear soft key.

Note: The Clear soft key clears all call history lists. Selective clearing of call history lists is not supported.

Use the Intercom Feature

Cisco Unified Communications Manager Express supports intercom functionality for one-way and press-to-answer voice connections using a dedicated pair of intercoms on two phones that speed-dial each other.

To use the intercom feature:

1. Press the Speaker button and get the dial tone.
2. Press the speed dial key or dial the directory number to start the intercom call.

Note: The called Cisco Unified IP phone automatically answers the call in speakerphone mode with mute activated or deactivated depending on configuration. The phone will beep to alert the recipient to the incoming call.

To respond to an intercom call:

- If Mute key is lighted, Press the Mute button, or lift the handset.
- If Mute key is not lighted, reply to caller handsfree.

Activate Do Not Disturb

For visual call alerting and information without audible ringing, use Do Not Disturb (DnD). Calls receive normal call-forward-busy and no-answer treatment.

To activate the Do-Not-Disturb feature:

1. Press the more soft key to locate the DnD soft key.
2. Press the DnD soft key. A text message displays to indicate that the phone is in Do-Not-Disturb mode.

Note: Pressing the DnD soft key immediately forwards the call to the call-forward destination set on the phone. If the call-forward destination is not set, pressing the DnD soft key disables the ringer.

To deactivate the Do-Not-Disturb feature, repeat Steps 1 and 2.
Place a Call Using Your Extension Mobility (EM) Profile

Extension Mobility (EM) allows the user to temporarily configure a Cisco Unified IP phone to function as user's own phone. Once the user is logged-in to EM, the phone adopts the user's profile, including the line buttons, features, and established services.

To log-in to Extension Mobility:
1. Press Services button and select Extension Mobility.
2. Enter your User ID and Password.
3. Press Submit. The phone will temporarily configure user profile and settings.

Note: Your administrator must configure Extension Mobility for you.

Place a Call from Your Personal Speed-Dial

To place a call from your Personal Speed-Dial using My Phone Apps, use the following method:
1. Log-in to Extension Mobility.
2. Select My Phone Apps and scroll down to Personal Speed Dial.
3. Select Personal Speed Dial
4. Add a Label and Number
5. Go back to My Phone Apps and press Reset Phone. Your Personal Speed-Dial number will appear on the phone display screen.

3 Phone Features Index

This section provides an alphabetical list of features for your Cisco Unified IP phone. Features supported in both SIP and SCCP protocols are marked as “Supported” and features not supported in either one of the protocols are marked as “Not Supported”. However, there are differences in how the feature works based on the call protocol.

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Table 1  Features (with page number references) supported in SIP and SCCP protocols.

<table>
<thead>
<tr>
<th>Features</th>
<th>SIP</th>
<th>SCCP</th>
</tr>
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<tbody>
<tr>
<td>Mute a Call 8</td>
<td>Supported</td>
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<tr>
<td>Park a Call 9</td>
<td>Not Supported</td>
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</tr>
<tr>
<td>Pick Up Calls 11</td>
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</tr>
<tr>
<td>Place a Call 7</td>
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<tr>
<td>Place a Call from Call History 13</td>
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<tr>
<td>Place a Call from Your Local Directory 12</td>
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<tr>
<td>Place a Call from Your Personal Speed-Dial 15</td>
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<tr>
<td>Place a Call from Your System Speed-Dial Directory 12</td>
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<tr>
<td>Place a Call Using Your Extension Mobility (EM) Profile</td>
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<tr>
<td>Place and Establish a Conference Call 11</td>
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<tr>
<td>Program Personal Speed-Dial Buttons 12</td>
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<tr>
<td>Redial a Number 7</td>
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<tr>
<td>Retrieve Voice Messages 8</td>
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<tr>
<td>Select the Ring Type 9</td>
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<td>Transfer a Call 10</td>
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<tr>
<td>Transfer to Voice Mail 10</td>
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<tr>
<td>Use the Intercom Feature 13</td>
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<td>Supported</td>
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<tr>
<td>View Call History 13</td>
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<td>Supported</td>
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</tbody>
</table>