Cisco Unified IP Phone 7970 Series
for Cisco Unified CallManager 4.2
INCLUDING LICENSE AND WARRANTY

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## Quick Reference

**Cisco Unified IP Phone 7970 Series for Cisco Unified CallManager 4.2**

### Softkey Definitions

<table>
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<th>Definition</th>
<th>Description</th>
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<td>AbbrDial</td>
<td>Dial using a speed dial index number</td>
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<tr>
<td>Answer</td>
<td>Answer a call</td>
</tr>
<tr>
<td>Back</td>
<td>Return to the previous Help topic</td>
</tr>
<tr>
<td>Barge</td>
<td>Add yourself to a call on a shared line</td>
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<td>Receive notification when a busy extension becomes available</td>
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<td>Cancel</td>
<td>Cancel an action or exit a screen without applying changes</td>
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<td>cBarge</td>
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<td>Clear</td>
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<td>Confr</td>
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<td>Open the Details record for a multiparty call in the Missed Calls and Received Calls logs</td>
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<td>Dial</td>
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<td>Transfer two calls to each other</td>
</tr>
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<td>EditDial</td>
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<td>Erase</td>
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<td>Return to the previous screen</td>
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<tr>
<td>GPickUp</td>
<td>Answer a call ringing in another group</td>
</tr>
</tbody>
</table>

### Common Phone Tasks

- **View online help on the phone**
  - Press \( ? \).

- **Place a call**
  - Go-off hook before or after dialing a number.

- **Redial a number**
  - Press \( \text{Redial} \). Or press the Navigation button while on-hook to see your Placed Calls log.

- **Switch to the handset during a call**
  - Pick up the handset.

- **Switch to the speaker or headset during a call**
  - Press \( \text{Redial} \) or \( \text{Redial} \), then hang up the handset.

- **Mute your phone**
  - Press \( \text{Redial} \).

- **Use your call logs**
  - Press \( \text{Redial} \) to choose a call log. To dial, highlight a listing and go off-hook.

- **Edit a number**
  - Press \( \text{EditDial} \), << or >>.

- **Hold/resume a call**
  - Press Hold or Resume.

- **Transfer a call to a new number**
  - Press \( \text{Transfer} \), enter the number, then press \( \text{Transfer} \) again.

- **Start a standard conference call**
  - Press more \( \text{Conf}n \), dial the participant, then press \( \text{Conf}n \) again.
<table>
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<th>Description</th>
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<td>HLog</td>
<td>Prevent hunt group calls from ringing on your phone by logging out of hunt groups</td>
</tr>
<tr>
<td>iDivert</td>
<td>Send a call to your voice messaging system</td>
</tr>
<tr>
<td>Join</td>
<td>Join several calls already on a single line to create a conference</td>
</tr>
<tr>
<td>MeetMe</td>
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</tr>
<tr>
<td>New Call</td>
<td>Make a new call</td>
</tr>
<tr>
<td>OPickUp</td>
<td>Answer a call ringing in an associated group</td>
</tr>
<tr>
<td>Park</td>
<td>Store a call using Call Park</td>
</tr>
<tr>
<td>PickUp</td>
<td>Answer a call in your group</td>
</tr>
<tr>
<td>QRT</td>
<td>Submit call problems to the system administrator</td>
</tr>
<tr>
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<td>Remove</td>
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<tr>
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</tr>
<tr>
<td>RmLstC</td>
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<td>Save</td>
<td>Save the chosen settings</td>
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<td>Search</td>
<td>Search for a directory listing</td>
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<tr>
<td>Select</td>
<td>Select a menu item or call</td>
</tr>
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<td>Transfer</td>
<td>Transfer a call</td>
</tr>
<tr>
<td>Update</td>
<td>Refresh content</td>
</tr>
<tr>
<td>VidMode</td>
<td>Choose a video display mode</td>
</tr>
<tr>
<td>&lt;&lt;</td>
<td>Delete entered characters</td>
</tr>
<tr>
<td>&gt;&gt;</td>
<td>Move through entered characters</td>
</tr>
</tbody>
</table>

### Phone Screen Icons

#### Line and Call States
- ![Call Forwarding enabled](image)
- ![Call on hold](image)
- ![Connected call](image)
- ![Incoming call](image)
- ![Off-hook](image)
- ![On-hook](image)
- ![Shared line in use](image)

#### Secure Calls
- ![Authenticated call](image)
- ![Encrypted call](image)

#### Critical Calls
- ![Priority call](image)
- ![Medium priority call](image)
- ![High priority call](image)
- ![Highest priority call](image)

#### Selected Device
- ![Handset in use](image)
- ![Headset in use](image)
- ![Speakerphone in use](image)

### Other Features
- ![Speed-dial button configured](image)
- ![Message waiting](image)
- ![Video enabled](image)
- ![Option selected](image)
- ![Feature enabled](image)
- ![Phone service URL assigned](image)
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### Getting Started

### Using this Guide

This guide provides you with an overview of the features available on your phone. You can read it completely for a solid understanding of your phone’s capabilities or refer to the table below for pointers to commonly used sections.

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<th>Then...</th>
</tr>
</thead>
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<td>Press 📞 on the phone when you need assistance.</td>
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<td>Review safety information</td>
<td>See the “Safety and Performance Information” section on page 2.</td>
</tr>
<tr>
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</tr>
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<td>Refer to the Quick Reference Card in the front of this guide.</td>
</tr>
</tbody>
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Finding Additional Information

You can access the most current Cisco Unified IP Phone documentation on the World Wide Web at this URL:
You can access the Cisco website at this URL:
http://www.cisco.com/
International Cisco websites can be accessed from this URL:

Accessing Cisco Unified IP Phone 7900 Series eLearning Tutorials

Cisco Unified IP Phone 7900 Series eLearning tutorials use audio and animation to demonstrate basic calling features. You can access eLearning tutorials online (for several phone models) from your personal computer. Look for the eLearning tutorial (English only) for your phone model in the documentation list at the following location:

More Information about Customizing Your Phone on the Web

Your Cisco Unified IP Phone is a network device that can share information with other network devices in your company, including your computer. You can use your Cisco Unified CallManager User Options web pages to establish and customize phone services and to control phone features and settings from your computer. This guide provides a brief overview of these capabilities. For complete instructions, refer to Customizing Your Cisco Unified IP Phone on the Web at the following URL:

Safety and Performance Information

Read the following safety notices before installing or using your Cisco Unified IP Phone:
Warning

IMPORTANT SAFETY INSTRUCTIONS

This warning symbol means danger. You are in a situation that could cause bodily injury. Before you work on any equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents. Use the statement number provided at the end of each warning to locate its translation in the translated safety warnings that accompanied this device. Statement 1071

SAVE THESE INSTRUCTIONS

Waarschuwing

BELANGRIJKE VEILIGHEIDSSINSTRUCTIES

Dit waarschuwingssymbool betekent gevaar. U verkeert in een situatie die lichamelijk letsel kan veroorzaken. Voordat u aan enige apparatuur gaat werken, dient u zich bewust te zijn van de bij elektrische schakelingen betrokken risico’s en dient u op de hoogte te zijn van de standaard praktijken om ongelukken te voorkomen. Gebruik het nummer van de verklaring onderaan de waarschuwing als u een vertaling van de waarschuwing die bij het apparaat wordt geleverd, wilt raadplegen.

BEWAAR DEZE INSTRUCTIES

Varoitus

TÄRKEITÄ TURVALLISUUSOHJEITA

Tämä varoitusmerkki merkitsee vaaraa. Tilanne voi aiheuttaa ruumiillisia vammoja. Ennen kuin käsittelet laitteistoa, huomioi sähköpiirien käsittelemiseen liittyvät riskit ja tutustu onnettomuksien yleisiin ehdissitapoihin. Turvallisuusvaroitusten käännökset löytyvät laitteiden mukana toimitetujen käännettyjen turvallisuusvaroitusten joukosta varoitusten lopussa näkyvien lausuntonumeroiden avulla.

SÄILYTÄ NÄMÄ OHJEET
Attention  IMPORTANTES INFORMATIONS DE SÉCURITÉ


CONSERVEZ CES INFORMATIONS

Warnung  WICHTIGE SICHERHEITSHINWEISE


BEWAHREN SIE DIESE HINWEISE GUT AUF.

Avvertenza  IMPORTANTI ISTRUZIONI SULLA SICUREZZA

Questo simbolo di avvertenza indica un pericolo. La situazione potrebbe causare infortuni alle persone. Prima di intervenire su qualsiasi apparecchiatura, occorre essere al corrente dei pericoli relativi ai circuiti elettrici e conoscere le procedure standard per la prevenzione di incidenti. Utilizzare il numero di istruzione presente alla fine di ciascuna avvertenza per individuare le traduzioni delle avvertenze riportate in questo documento.

CONSERVARE QUESTE ISTRUZIONI
Advarsel  VIKTIGE SIKKERHETSINSTRUKSJONER

Dette advarselsymbolet betyr fare. Du er i en situasjon som kan føre til skade på person. Før du begynner å arbeide med noe av utstyret, må du være oppmerksom på farene forbundet med elektriske kretser, og kjenne til standardprosedyrer for å forhindre ulykker. Bruk nummeret i slutten av hver advarsel for å finne oversettelsen i de oversatte sikkerhetsadvarslene som fulgte med denne enheten.

TA VARE PÅ DISSE INSTRUKSJONENE

Aviso  INSTRUÇÕES IMPORTANTES DE SEGURANÇA

Este símbolo de aviso significa perigo. Você está em uma situação que poderá ser causadora de lesões corporais. Antes de iniciar a utilização de qualquer equipamento, tenha conhecimento dos perigos envolvidos no manuseio de circuitos elétricos e familiarize-se com as práticas habituais de prevenção de acidentes. Utilize o número da instrução fornecido ao final de cada aviso para localizar sua tradução nos avisos de segurança traduzidos que acompanham este dispositivo.

GUARDE ESTAS INSTRUÇÕES

¡Advertencia!  INSTRUCCIONES IMPORTANTES DE SEGURIDAD

Este símbolo de aviso indica peligro. Existe riesgo para su integridad física. Antes de manipular cualquier equipo, considere los riesgos de la corriente eléctrica y familiarícese con los procedimientos estándar de prevención de accidentes. Al final de cada advertencia encontrará el número que le ayudará a encontrar el texto traducido en el apartado de traducciones que acompaña a este dispositivo.

GUARDE ESTAS INSTRUCCIONES

Warning!  VIKTIGA SÄKERHETSANVISNINGAR


SPARA DESSA ANVISNINGAR
Figyelem

FONTOS BIZTONSÁGI ELOÍRÁSOK

Ez a figyelmezeto jel veszélyre utal. Sérülésveszélyt rejtó helyzetben van. Mielőtt bármely berendezésen munkát végezte, legyen figyelemmel az elektromos áramkörök okozta kockázatokra, és ismerkedjen meg a szokásos balesetvédelmi eljárásokkal. A kiadványban szereplo figyelmeztetések fordítása a készülékhez mellékelt biztonsági figyelmeztetések között található; a fordítás az egyes figyelmeztetések végén látható szám alapján keresheto meg.

ORIZZE MEG EZEKET AZ UTASÍTÁSOKAT!

Preduprеждение

ВАЖНЫЕ ИНСТРУКЦИИ ПО СОБЛЮДЕНИЮ ТЕХНИКИ БЕЗОПАСНОСТИ

Этот символ предупреждения обозначает опасность. То есть имеет место ситуация, в которой следует опасаться телесных повреждений. Перед эксплуатацией оборудования выясните, каким опасностям может подвергаться пользователь при использовании электрических цепей, и ознакомитесь с правилами техники безопасности для предотвращения возможных несчастных случаев. Воспользуйтесь номером заявления, приведенным в конце каждого предупреждения, чтобы найти его переведенный вариант в переводе предупреждений по безопасности, прилагаемом к данному устройству.

СОХРАНИТЕ ЭТИ ИНСТРУКЦИИ

警告

重要的安全性说明

此警告符号代表危险。您正处于可能受到严重伤害的工作环境中。在您使用设备开始工作之前，必须充分意识到触电的危险，并熟练掌握防止事故发生的标准工作程序。请根据每项警告结尾提供的声明号码来找到此设备的安全性警告说明的翻译文本。

请保存这些安全性说明
Aviso INSTRUÇÕES IMPORTANTES DE SEGURANÇA

Este símbolo de aviso significa perigo. Você se encontra em uma situação em que há risco de lesões corporais. Antes de trabalhar com qualquer equipamento, esteja ciente dos riscos que envolvem os circuitos elétricos e familiarize-se com as práticas padrão de prevenção de acidentes. Use o número da declaração fornecido ao final de cada aviso para localizar sua tradução nos avisos de segurança traduzidos que acompanham o dispositivo.

GUARDE ESTAS INSTRUÇÕES

Advarsel VIGTIGE SIKKERHEDSANVISNINGER


GEM DISSE ANVISNINGER
VAŽNE SIGURNOSE NAPOMENE

Ovaj simbol upozorenja predstavlja opasnost. Naizgodi se u situaciji koja može prouzročiti tjelesne ozljede. Prije rada s bilo kojim uređajem, morate razumjeti opasnosti vezane uz električne sklopopove, te biti upoznati sa standardnim načinima izbjegavanja nesreća. U prevedenim sigurnosnim upozorenjima, priloženima uz uređaj, možete prema broju koji se nalazi uz pojedino upozorenje pronaći i njegov prrjevod.

SAČUVAJTE OVE UPUTE

DŮLEŽITÉ BEZPEČNOSTNÍ POKYNY

Tento upozorňující symbol označuje nebezpečí. Jste v situaci, která by mohla způsobit nebezpečí úrazu. Před prací na jakémkoliv vybavení si uvědomte nebezpečí související s elektrickými obvody a seznámte se se standardními opatřeními pro předcházení úrazům. Podle číslo na konci každého upozornění vyhledejte jeho překlad v přeložených bezpečnostních upozorněních, která jsou přiložena k zařízení.

USCHOVEJTE TYTO POKYNY

ΣΗΜΑΝΤΙΚΕΣ ΟΔΗΓΙΕΣ ΑΣΦΑΛΕΙΑΣ

Αυτό το προειδοποιητικό σύμβολο σημαίνει κίνδυνο. Βρίσκεστε σε κατάσταση που μπορεί να προκαλέσει τραυματισμό. Πριν εργαστείτε σε οποιοδήποτε εξοπλισμό, να έχετε υπόψη σας τους κινδύνους που σχετίζονται με τα ηλεκτρικά κυκλώματα και να έχετε εξοικειωθεί με τις συνήθεις πρακτικές για την αποφυγή ατυχημάτων. Χρησιμοποιήστε τον αριθμό δήλωσης που παρέχεται στο τέλος κάθε προειδοποίησης, για να ενημερώσετε τη μετάφραση της στις μεταφρασμένες προειδοποιήσεις ασφαλείας που συνοδεύουν τη συσκευή.

ΦΥΛΑΞΤΕ ΑΥΤΕΣ ΤΙΣ ΟΔΗΓΙΕΣ
Opomena

ВАЖНИ БЕЗБЕДНОСНИ НАПАТСТВИЈА

Символот за предупредување значи опасност. Се наоѓате во ситуација што може да предизвика телесни повреди. Пред да работите со опремата, бидете свесни за ризикот што постои кај електричните копа и треба да ги познавате стандардните постапки за спречување на несреќни случаи. Искористете го бројот на изјавата што се наоѓа на крајот на секое предупредување за да го најдете неговиот период во преведените безбедносни предупредувања што се испорачани со уредот.

ЧУВАЈТЕ ГИ ОВИЕ НАПАТСТВИЈА
**Warning**

Read the installation instructions before you connect the system to its power source.

**Warning**

Ultimate disposal of this product should be handled according to all national laws and regulations.

**Warning**

Do not work on the system or connect or disconnect cables during periods of lightning activity.
To avoid electric shock, do not connect safety extra low voltage (SELV) circuits to telephone network voltage (TNV) circuits. LAN ports contain SELV circuits, and WAN ports contain TNV circuits. Some LAN and WAN ports use RJ-45 connectors. Use caution when connecting cables.

Caution
Inline power circuits provide current through the communication cable. Use the Cisco provided cable or a minimum 24 AWG communication cable.

Using an External Power Supply
The following warnings apply when you use the external power supply with the Cisco Unified IP Phone:

Warning
This product relies on the building’s installation for short-circuit (over current) protection. Ensure that a fuse or circuit breaker no larger than 120 VAC, 15A U.S. (240 VAC, 10A international) is used on the phase conductors (all current-carrying conductors).

Warning
The device is designed to work with TN power systems.

Warning
The plug-socket combination must be accessible at all times because it serves as the main disconnecting device.

Warning
The power supply must be placed indoors.

Caution
Only use the Cisco specified power supply with this product.

Power Outage
Your accessibility to emergency service through the phone is dependent on the phone being powered. If there is an interruption in the power supply, Service and Emergency Calling Service dialing will not function until power is restored. In the case of a power failure or disruption, you may need to reset or reconfigure equipment before using the Service or Emergency Calling Service dialing.
Using External Devices

The following information applies when you use external devices with the Cisco Unified IP Phone:
Cisco recommends the use of good quality external devices (such as headsets) that are shielded against unwanted radio frequency (RF) and audio frequency (AF) signals.

Depending on the quality of these devices and their proximity to other devices such as mobile phones or two-way radios, some audio noise may still occur. In these cases, Cisco recommends that you take one or more of the following actions:

- Move the external device away from the source of the RF or AF signals.
- Route the external device cables away from the source of the RF or AF signals.
- Use shielded cables for the external device, or use cables with a better shield and connector.
- Shorten the length of the external device cable.
- Apply ferrites or other such devices on the cables for the external device.

Cisco cannot guarantee the performance of the system because Cisco has no control over the quality of external devices, cables, and connectors. The system will perform adequately when suitable devices are attached using good quality cables and connectors.

⚠️ Caution

In European Union countries, use only external speakers, microphones, and headsets that are fully compliant with the EMC Directive [89/336/EC].

Accessibility Features

A list of accessibility features is available upon request.
Connecting Your Phone

Your system administrator will likely connect your new Cisco Unified IP Phone to the corporate IP telephony network. If that is not the case, refer to the table below to connect your phone.

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DC adaptor port (DC48V)</td>
</tr>
<tr>
<td>2</td>
<td>AC-to-DC power supply</td>
</tr>
<tr>
<td>3</td>
<td>AC power cord</td>
</tr>
<tr>
<td>4</td>
<td>Network port (10/100/1000 SW)</td>
</tr>
<tr>
<td>5</td>
<td>Access port (10/100/1000 PC)</td>
</tr>
<tr>
<td>6</td>
<td>Handset port</td>
</tr>
<tr>
<td>7</td>
<td>Headset port</td>
</tr>
<tr>
<td>8</td>
<td>Reserved for future use</td>
</tr>
<tr>
<td>9</td>
<td>Reserved for future use</td>
</tr>
<tr>
<td>10</td>
<td>Footstand button</td>
</tr>
</tbody>
</table>
Adjusting the Footstand
To change the angle of the phone base, adjust the footstand while pressing the footstand button.

Adjusting the Handset Rest
When you connect your phone, you can adjust the handset rest to ensure that the receiver will not slip out of the cradle. See the table below for instructions.

1. Set the handset aside and pull the square plastic tab from the handset rest.
2. Rotate the tab 180 degrees.
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.

Registering with TAPS
After your phone is connected to the network, your system administrator might ask you to auto-register your phone using TAPS (Tool for Auto-Registered Phones Support). TAPS might be used either for a new phone or to replace an existing phone.

To register with TAPS, pick up the handset, enter the TAPS extension provided by your system administrator, and follow the voice prompts. You might need to enter your entire extension, including the area code. After your phone displays a confirmation message, hang up. The phone will re-start.

Headset Information
To use a headset, connect it to the headset port on the back of your phone.
Although Cisco Systems performs some internal testing of third-party headsets for use with the Cisco Unified IP Phones, Cisco does not certify or support products from headset or handset vendors. Because of the inherent environmental and hardware inconsistencies in the locations where
Cisco Unified IP Phones are deployed, there is not a single “best” solution that is optimal for all environments. Cisco recommends that customers test the headsets that work best in their environment before deploying a large number of units in their network.

In some instances, the mechanics or electronics of various headsets can cause remote parties to hear an echo of their own voice when they speak to Cisco Unified IP Phone users.

Cisco Systems recommends the use of good quality external devices, like headsets that are screened against unwanted radio frequency (RF) and audio frequency (AF) signals. Depending on the quality of these devices and their proximity to other devices such as cell phones and two-way radios, some audio noise may still occur. See the “Using External Devices” section on page 12 for more information.

The primary reason that support of a headset would be inappropriate for the Cisco Unified IP Phone is the potential for an audible hum. This hum can either be heard by the remote party or by both the remote party and you, the Cisco Unified IP Phone user. Some potential humming or buzzing sounds can be caused by a range of outside sources, for example, electric lights, being near electric motors, large PC monitors. In some cases, a hum experienced by a user may be reduced or eliminated by using a local power cube. See the “Using an External Power Supply” section on page 11 for more information.

**Audio Quality Subjective to the User**

Beyond the physical, mechanical and technical performance, the audio portion of a headset must sound good to you (the user) and to the party on the far end. Sound is subjective and Cisco cannot guarantee the performance of any headsets or handsets, but some of the headsets and handsets on the sites listed below have been reported to perform well with Cisco Unified IP Phones.

Nevertheless, it is ultimately still the customer’s responsibility to test this equipment in their own environment to determine suitable performance.

For information about headsets, see:

http://www.vxicorp.com/cisco

http://www.plantronics.com/cisco
An Overview of Your Phone

Your Cisco Unified IP Phone 7970 Series is a full-feature telephone that provides voice communication over the same data network that your computer uses, allowing you to place and receive phone calls, put calls on hold, transfer calls, make conference calls, and so on.

In addition to basic call-handling features, your Cisco Unified IP Phone 7970 Series can provide enhanced productivity features that extend your call-handling capabilities. Depending on configuration, your phone supports:

- Access to network data, XML applications, and web-based services.
- Online customizing of phone features and services from your User Options web pages.
- A comprehensive online help system that displays information on the phone screen.

Understanding Buttons and Hardware

You can use the figure below to identify buttons and hardware on your phone.
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>For more information, see...</th>
</tr>
</thead>
</table>
| **1** | Programmable buttons | Depending on configuration, programmable buttons provide access to:  
- Phone lines (line buttons)  
- Speed-dial numbers (speed-dial buttons)  
- Web-based services (for example, a Personal Address Book button)  
- Phone features (for example, a Privacy button)  
Line buttons illuminate to indicate status:  
- Green, steady—Active call  
- Green, flashing—Held call  
- Amber, steady—Privacy in use  
- Amber, flashing—Incoming call  
- Red—Shared line in use  
- Red, flashing—Directed Call Park in use | Understanding Touchscreen Features, page 19 |
| **2** | Footstand button | Allows you to adjust the angle of the phone base. | Adjusting the Footstand, page 14 |
| **3** | Display button | Awakens the touchscreen from sleep mode or disables it for cleaning.  
- No color—Ready for input  
- Green flashing—Disabled  
- Green steady—Sleep mode | Understanding Feature Buttons and Menus, page 21 |
<p>| <strong>4</strong> | Messages button | Auto-dials your voice message service (varies by service). | Accessing Voice Messages, page 50 |
| <strong>5</strong> | Directories button | Opens/closes the Directories menu. Use it to access call logs and directories. | Using Call Logs, page 47 |
| <strong>6</strong> | Help button | Activates the Help menu. | Understanding the Help System on Your Phone, page 21 |
| <strong>7</strong> | Settings button | Opens/closes the Settings menu. Use it to change touchscreen and ring settings. | Using Phone Settings, page 45 |</p>
<table>
<thead>
<tr>
<th></th>
<th>Button</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>Services</td>
<td>Opens/closes the Services menu.</td>
<td>Accessing Your User Options Web Pages, page 51</td>
</tr>
<tr>
<td>9</td>
<td>Volume</td>
<td>Controls the handset, headset, and speakerphone volume (off-hook) and the ringer volume (on-hook).</td>
<td>Using a Handset, Headset, and Speakerphone, page 43</td>
</tr>
<tr>
<td>10</td>
<td>Speaker</td>
<td>Toggles the speakerphone on or off. When the speakerphone is on, the button is lit.</td>
<td>Using a Handset, Headset, and Speakerphone, page 43</td>
</tr>
<tr>
<td>11</td>
<td>Mute</td>
<td>Toggles the Mute feature on or off. When Mute is on, the button is lit.</td>
<td>Using Mute, page 26</td>
</tr>
<tr>
<td>12</td>
<td>Headset</td>
<td>Toggles the headset on or off. When the headset is on, the button is lit.</td>
<td>Using a Handset, Headset, and Speakerphone, page 43</td>
</tr>
<tr>
<td>13</td>
<td>Navigation</td>
<td>Allows you to scroll through menus and highlight items. When the phone is on-hook, displays phone numbers from your Placed Calls log.</td>
<td>Using Call Logs, page 47</td>
</tr>
<tr>
<td>14</td>
<td>Keypad</td>
<td>Allows you to dial phone numbers, enter letters, and choose menu items.</td>
<td>Basic Call Handling, page 23</td>
</tr>
<tr>
<td>15</td>
<td>Softkey</td>
<td>Each activates a softkey option (displayed on your touchscreen).</td>
<td>Understanding Touchscreen Features, page 19</td>
</tr>
<tr>
<td>16</td>
<td>Handset</td>
<td>Indicates an incoming call or new voice message.</td>
<td>Accessing Voice Messages, page 50</td>
</tr>
<tr>
<td>17</td>
<td>Touchscreen</td>
<td>Shows phone features.</td>
<td>Understanding Touchscreen Features, page 19</td>
</tr>
</tbody>
</table>
Understanding Touchscreen Features

This is what your main touchscreen might look like with active calls and several feature menus open.

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Primary phone line</td>
<td>Displays the phone number (directory number) for your primary phone line.</td>
</tr>
<tr>
<td>2</td>
<td>Programmable button indicators</td>
<td>Programmable buttons can serve as phone line buttons, speed-dial buttons, phone service buttons or phone feature buttons. Icons and labels indicate how these buttons are configured. For an icon reference, see the “Phone Screen Icons” section in the Quick Reference Card at the front of this guide.</td>
</tr>
<tr>
<td>3</td>
<td>Softkey labels</td>
<td>Each displays a softkey function. Softkey labels are touch-sensitive.</td>
</tr>
<tr>
<td>4</td>
<td>Status line</td>
<td>Displays audio mode icons, status information, and prompts.</td>
</tr>
<tr>
<td>5</td>
<td>Call activity area</td>
<td>Displays current calls per line, including caller ID, call duration, and call state for the highlighted line (standard view). Items in this area are touch-sensitive. See the “Understanding Line and Call Icons” section on page 22 and the “Viewing Multiple Calls” section on page 27.</td>
</tr>
<tr>
<td>6</td>
<td>Phone tab</td>
<td>Indicates call activity. Press this tab to return to the call activity area, if needed.</td>
</tr>
<tr>
<td>7</td>
<td>Feature tabs</td>
<td>Each indicates an open feature menu. Tabs are touch-sensitive. See the “Understanding Feature Buttons and Menus” section on page 21.</td>
</tr>
</tbody>
</table>
Choosing Touchscreen Items

There are three ways to choose items on your phone’s touchscreen.

<table>
<thead>
<tr>
<th>To choose a touchscreen item...</th>
<th>Do this...</th>
</tr>
</thead>
<tbody>
<tr>
<td>By touch</td>
<td>Press (or tap) touch-sensitive items on the touchscreen with your fingertip. Use only your fingertip to press the touchscreen, as using any other objects could damage the display. Be aware that pressing a phone number can cause the phone to dial the number.</td>
</tr>
<tr>
<td>By item number</td>
<td>Press the corresponding number on your keypad. For example, press 4 to choose the fourth item in a menu.</td>
</tr>
<tr>
<td>By scrolling</td>
<td>Press the Navigation button to highlight an item. Press a softkey to finish the action, or tap the item on the touchscreen with your fingertip.</td>
</tr>
</tbody>
</table>

Cleaning and Maintaining the Touchscreen

You can use the Display button to disable and enable the touchscreen. The Display button illuminates to indicate changes in touchscreen status:

- Green, steady—Touchscreen is in sleep mode
- Green, flashing—Touchscreen is disabled

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disable the touchscreen for cleaning</td>
<td>Press and hold for more than one second. flashes. The screen remains disabled for about a minute, unless you enable it.</td>
</tr>
<tr>
<td>Enable the touchscreen (after disabling it)</td>
<td>Press (flashing) and hold for more than one second.</td>
</tr>
<tr>
<td>Wake the touchscreen from sleep mode</td>
<td>Press the touchscreen or any button, or lift the handset. After a period of inactivity (determined by your system administrator), the touchscreen enters sleep mode to save power. In this mode, the touchscreen appears blank and remains lit.</td>
</tr>
</tbody>
</table>

Caution

Use only a soft, dry cloth to wipe the touchscreen. Do not use any liquids or powders on the phone, as they can contaminate phone components and cause failures.
Understanding Feature Buttons and Menus

Press a feature button to open or close a feature menu.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open or close a feature menu</td>
<td>Press a feature button: Messages, Services, Help, Directories, Settings</td>
</tr>
<tr>
<td>Scroll through a list or menu</td>
<td>Press the Navigation button.</td>
</tr>
<tr>
<td>Go back one level in a feature menu</td>
<td>Press Exit. Pressing Exit from the top level of a menu closes the menu.</td>
</tr>
<tr>
<td>Switch between open feature menus</td>
<td>Press a feature tab on your touchscreen. Each feature menu has a corresponding tab. The tab is visible when the feature menu is open.</td>
</tr>
</tbody>
</table>

Understanding the Help System on Your Phone

Your phone provides a comprehensive online help system. Help topics appear on the touchscreen.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
<tbody>
<tr>
<td>View the main menu</td>
<td>Press on your phone and wait a few seconds for the menu to display. Main menu topics include: • About Your Cisco Unified IP Phone—Details about your phone • How do I...?—Procedures for common phone tasks • Calling Features—Descriptions and procedures for calling features</td>
</tr>
<tr>
<td>Learn about a button or softkey</td>
<td>Press , then quickly press a button or softkey.</td>
</tr>
<tr>
<td>Learn about a menu item</td>
<td>Press , then quickly press the menu item on the touchscreen. Or, press twice quickly with the menu item highlighted.</td>
</tr>
<tr>
<td>Get help using Help</td>
<td>Press . After a second or two, press again, or choose Help from the main menu.</td>
</tr>
</tbody>
</table>
Understanding Lines vs. Calls

To avoid confusion about lines and calls, refer to these descriptions:

- **Lines**—Each corresponds to a directory number that others can use to call you. Your phone can support up to eight lines. To see your phone lines, look at the right side of your touchscreen. You have as many lines as you have directory numbers and phone line icons: 📞.

- **Calls**—Each line can support multiple calls. By default, your phone supports four connected calls per line, but your system administrator can adjust this number according to your needs. Only one call can be active at any time; other calls are automatically placed on hold.

Understanding Line and Call Icons

Your phone displays icons to help you determine the line and call state.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Line or call state</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>📞</td>
<td>On-hook line</td>
<td>No call activity on this line.</td>
</tr>
<tr>
<td>📞</td>
<td>Off-hook line</td>
<td>You are dialing a number or an outgoing call is ringing.</td>
</tr>
<tr>
<td>📞</td>
<td>Connected call</td>
<td>You are connected to the other party.</td>
</tr>
<tr>
<td>📞</td>
<td>Ringing call</td>
<td>A call is ringing on one of your lines.</td>
</tr>
<tr>
<td>📞</td>
<td>Call on hold</td>
<td>You have put the call on hold. See the “Using Hold and Resume” section on page 26.</td>
</tr>
<tr>
<td>📞</td>
<td>Remote-in-use</td>
<td>Another phone that shares your line has a connected call. See the “Using a Shared Line” section on page 35.</td>
</tr>
<tr>
<td>📞</td>
<td>Authenticated call</td>
<td>See the “Making and Receiving Secure Calls” section on page 39.</td>
</tr>
<tr>
<td>📞</td>
<td>Encrypted call</td>
<td>See the “Making and Receiving Secure Calls” section on page 39.</td>
</tr>
</tbody>
</table>

Understanding Feature Availability

Depending on your phone system configuration, features included in this Phone Guide might not be available to you or might work differently on your phone. Contact your support desk or system administrator for information about feature operation or availability.
Basic Call Handling

You can perform basic call-handling tasks using a range of features and services. Feature availability can vary; see your system administrator for more information.

Placing a Call—Basic Options

Here are some easy ways to place a call on your Cisco Unified IP Phone.

| If you want to... | Then... | For more information, see...
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Place a call using the handset</td>
<td>Pick up the handset and enter a number.</td>
<td>An Overview of Your Phone, page 16</td>
</tr>
<tr>
<td>Place a call using the speakerphone</td>
<td>Press and enter a number.</td>
<td>Using a Handset, Headset, and Speakerphone, page 43</td>
</tr>
<tr>
<td>Place a call using a headset</td>
<td>Press and enter a number. Or, if is lit, press New Call and enter a number.</td>
<td>Using a Handset, Headset, and Speakerphone, page 43</td>
</tr>
<tr>
<td>Redial a number</td>
<td>Press Redial to dial the last number, or press the Navigation button (with the phone idle) to see your Placed Calls.</td>
<td>Using Call Logs, page 47</td>
</tr>
<tr>
<td>Place a call while another call is active (using the same line)</td>
<td>1. Press Hold.  2. Press New Call.  3. Enter a number.</td>
<td>Using Hold and Resume, page 26</td>
</tr>
<tr>
<td>Dial from a call log</td>
<td>1. Choose &gt; Missed Calls, Received Calls, or Placed Calls.  2. Press the listing on the touchscreen.</td>
<td>Using Call Logs, page 47</td>
</tr>
</tbody>
</table>

Tips

- You can dial on-hook, without a dial tone (pre-dial). To pre-dial, enter a number, then go off-hook by lifting the handset, pressing the number on the touchscreen, or pressing Dial, , or .
- When you pre-dial, your phone tries to anticipate the number you are dialing by displaying matching numbers (if available) from your Placed Calls log. This is called Auto Dial. To call a number displayed with Auto Dial, press the number, or scroll to it and go off-hook.
- If you make a mistake while dialing, press << to erase digits.
### Placing a Call—Additional Options

You can place calls using special features and services that might be available on your phone. See your system administrator for more information about these additional options.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
<th>For more information, see...</th>
</tr>
</thead>
</table>
| Place a call while another call is active (using a different line) | 1. Press \( \text{Hold} \) for a new line. The first call is automatically placed on hold.  
2. Enter a number. | Using Hold and Resume, page 26 |
| Speed dial a number | Do one of the following:  
• Press \( \text{Speed Dial} \) (a speed-dial button).  
• Use the Abbreviated Dial feature.  
• Use the Fast Dial feature. | Speed Dialing, page 33 |
| Dial from a corporate directory on your phone | 1. Choose \( \text{Corporate Directory} \) (name can vary).  
2. Enter a name and press Search.  
3. Highlight a listing and go off-hook. | Using Call Logs, page 47 |
| Dial from a corporate directory on your personal computer using Cisco WebDialer | 1. Open a web browser and go to a WebDialer-enabled corporate directory.  
2. Click the number that you want to dial. | Customizing Your Cisco Unified IP Phone on the Web: http://www.cisco.com/univercd/cc/td/doc/product/voice/c_ipphon/index.htm |
| Use Cisco CallBack to receive notification when a busy or ringing extension is available | 1. Press CallBack while listening to the busy tone or ring sound.  
2. Hang up. Your phone alerts you when the line is free.  
3. Place the call again. | Your system administrator |
| Make a priority (precedence) call | Enter the MLPP access number, then enter a phone number. | Prioritizing Critical Calls, page 40 |
| Dial from a Personal Address Book (PAB) entry | 1. Choose \( \text{PAB service} \) (exact names might vary).  
2. Highlight the listing and go off-hook. Or press the listing on your touchscreen. | Accessing Your User Options Web Pages, page 51 |
<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
<th>For more information, see...</th>
</tr>
</thead>
</table>
| Place a call using a billing or tracking code | 1. Dial a number.  
2. After the tone, enter a client matter code (CMC) or a forced authorization code (FAC). | Your system administrator                   |
| Place a call using your Extension Mobility profile | Log in to the Extension Mobility service on a phone. | Using Cisco Extension Mobility, page 41     |

## Answering a Call

You can answer a call by simply lifting the handset, or you can use other options if they are available on your phone.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
<th>For more information, see...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Answer with a headset</td>
<td>Press , if unlit. Or, if is lit, press Answer or (flashing).</td>
<td>Using a Handset, Headset, and Speakerphone, page 43</td>
</tr>
<tr>
<td>Answer with the speakerphone</td>
<td>Press , Answer, or (flashing).</td>
<td>Using a Handset, Headset, and Speakerphone, page 43</td>
</tr>
<tr>
<td>Switch from a connected call to answer a new call</td>
<td>Press Answer, or if the call is ringing on a different line, press (flashing).</td>
<td>Using Hold and Resume, page 26</td>
</tr>
<tr>
<td>Answer using call waiting</td>
<td>Press Answer.</td>
<td>Using Hold and Resume, page 26</td>
</tr>
<tr>
<td>Send a call to your voice messaging system</td>
<td>Press iDivert.</td>
<td>Accessing Voice Messages, page 50</td>
</tr>
<tr>
<td>Auto-connect calls</td>
<td>Use AutoAnswer.</td>
<td>Using AutoAnswer, page 44</td>
</tr>
<tr>
<td>Retrieve a parked call on another phone</td>
<td>Use Call Park or Directed Call Park.</td>
<td>Storing and Retrieving Parked Calls, page 38</td>
</tr>
<tr>
<td>Use your phone to answer a call ringing elsewhere</td>
<td>Use Call Pickup.</td>
<td>Picking Up a Redirected Call on Your Phone, page 34</td>
</tr>
<tr>
<td>Answer a priority call</td>
<td>Hang up the current call and press Answer.</td>
<td>Prioritizing Critical Calls, page 40</td>
</tr>
</tbody>
</table>
Ending a Call

To end a call, simply hang up. Here are some more details.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hang up while using the handset</td>
<td>Return the handset to its cradle. Or press <strong>EndCall</strong>.</td>
</tr>
<tr>
<td>Hang up while using a headset</td>
<td>Press 🎤. Or, to keep headset mode active, press <strong>EndCall</strong>.</td>
</tr>
<tr>
<td>Hang up while using the speakerphone</td>
<td>Press 🎤 or <strong>EndCall</strong>.</td>
</tr>
<tr>
<td>Hang up one call, but preserve another call on the same line</td>
<td>Press <strong>EndCall</strong>. If necessary, remove the call from hold first.</td>
</tr>
</tbody>
</table>

Using Hold and Resume

You can hold and resume calls.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Put a call on hold</td>
<td>1. Make sure the call you want to put on hold is highlighted.</td>
</tr>
<tr>
<td></td>
<td>2. Press <strong>Hold</strong>.</td>
</tr>
<tr>
<td>Remove a call from hold on the current line</td>
<td>1. Make sure the appropriate call is highlighted.</td>
</tr>
<tr>
<td></td>
<td>2. Press <strong>Resume</strong>.</td>
</tr>
<tr>
<td>Remove a call from hold on a different line</td>
<td>Press 🔄 (flashing) for the appropriate line.</td>
</tr>
<tr>
<td></td>
<td>If a single call is holding on this line, the call automatically resumes. If multiple calls are holding, scroll to the appropriate call and press <strong>Resume</strong>.</td>
</tr>
</tbody>
</table>

Tips

- Engaging the Hold feature typically generates music or a beeping tone.
- A held call is indicated by the call-on-hold icon: 🔄

Using Mute

With Mute enabled, you can hear other parties on a call but they cannot hear you. You can use Mute in conjunction with the handset, speakerphone, or a headset.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toggle Mute on</td>
<td>Press 🎤.</td>
</tr>
<tr>
<td>Toggle Mute off</td>
<td>Press 🎤.</td>
</tr>
</tbody>
</table>
Switching Between Multiple Calls

You can switch between multiple calls on one or more lines. If the call that you want to switch to is not automatically highlighted, press the call appearance on your touchscreen or scroll to it.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
</table>
| Switch between connected calls on one line | 1. Make sure the call that you want to switch to is highlighted.  
2. Press Resume.  
Any active call is placed on hold and the selected call is resumed. |
| Switch between connected calls on different lines | Press ✨ for the line that you are switching to.  
If a single call is holding on the line, the call automatically resumes. If multiple calls are holding, highlight the appropriate call and press Resume. |
| Switch from a connected call to answer a ringing call | Press Answer, or if the call is ringing on a different line, press ✨ (flashing).  
Any active call is placed on hold and the selected call is resumed. |

Viewing Multiple Calls

Understanding how multiple calls are displayed on your phone can help you organize your call-handling efforts.

In standard viewing mode, your phone displays calls as follows for the highlighted line:

- Calls with the highest precedence and longest duration display at the top of the list.
- Calls of a similar type are grouped together. For example, calls that you have interacted with are grouped near the top, and calls on hold are grouped last.

You can use these additional methods to view multiple calls on multiple lines:

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
</table>
| View calls on another line | 1. Press ✨.  
2. Immediately press the line button ✨. |
| Switch to call overview mode | Press ✨ for the highlighted line.  
The phone switches to call overview mode, displaying only one call per line. The displayed call is either the active call or the held call with the longest duration.  
To return to standard viewing mode, press ✨, then immediately press the line button. |
Transferring Calls

Transfer redirects a connected call. The target is the number to which you want to transfer the call.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
</table>
| Transfer a call without talking to the transfer recipient | 1. From an active call, press Transfer.  
2. Enter the target number.  
3. Press Transfer again to complete the transfer or EndCall to cancel.  
Note If your phone supports on-hook transfer, you can alternately complete the transfer by hanging up. |
| Talk to the transfer recipient before transferring a call (consult transfer) | 1. From an active call, press Transfer.  
2. Enter the target number.  
3. Wait for the transfer recipient to answer.  
4. Press Transfer again to complete the transfer or EndCall to cancel.  
Note If your phone supports on-hook transfer, you can alternately complete the transfer by hanging up. |
| Transfer two current calls to each other (direct transfer) without staying on the line | 1. Scroll to highlight any call on the line.  
2. Press Select.  
3. Repeat this process for the second call.  
4. With one of the selected calls highlighted, press DirTrfr. (To display DirTrfr, you might need to press more.)  
The two calls connect to each other and drop you from the call.  
Note If you want to stay on the line with the callers, use Join instead. |
| Redirect a call to your voice messaging system | Press iDivert. The call is automatically transferred to your voice message greeting. You can use iDivert with a call that is active, ringing, or on hold. |

Tips

- If on-hook transfer is enabled on your phone, you can either hang up to complete the call, or press Transfer and then hang up.
- If on-hook transfer is not enabled on your phone, hanging up without pressing Transfer again places the call on hold.
- You cannot use Transfer to redirect a call on hold. Press Resume to remove the call from hold before transferring it.
Forwarding All Calls to Another Number

You can use Call Forward All to redirect incoming calls from your phone to another number.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set up call forwarding on your primary line</td>
<td>Press CFwdALL and enter a target phone number.</td>
</tr>
<tr>
<td>Cancel call forwarding on your primary line</td>
<td>Press CFwdALL.</td>
</tr>
<tr>
<td>Verify that call forwarding is enabled on your primary line</td>
<td>Look for:</td>
</tr>
<tr>
<td></td>
<td>• The call forward icon above the primary phone number: 📞.</td>
</tr>
<tr>
<td></td>
<td>• The call forward target number in the status line.</td>
</tr>
<tr>
<td>Set up or cancel call forwarding remotely, or for a non-primary line</td>
<td>1. Log in to your User Options web pages and select a device.</td>
</tr>
<tr>
<td></td>
<td>2. Choose Forward all calls...</td>
</tr>
<tr>
<td></td>
<td>3. Choose your primary line or any secondary line.</td>
</tr>
<tr>
<td></td>
<td>4. Choose to redirect calls to voice messaging or to another number.</td>
</tr>
</tbody>
</table>

*Note*  When call forwarding is enabled for any line other than the primary line, your phone does not provide you with confirmation that calls are being forwarded. Instead, you must confirm your settings in the User Options web pages. See the “Logging In to the User Options Web Pages” section on page 51.

**Tips**

- You must enter the call forward target number exactly as you would dial it from your phone. For example, enter an access code or the area code, if necessary.
- You can forward your calls to a traditional analog phone or to another IP phone, although your system administrator might restrict the call forwarding feature to numbers within your company.
- You must configure this feature per line; if a call reaches you on a line where call forwarding is not enabled, the call will ring as usual.
Making Conference Calls

Your Cisco Unified IP Phone allows you to combine three or more separate calls into one conversation, creating a conference call.

Understanding Types of Conference Calls

There are two types of conference calls: Standard and Meet-Me.

Standard Conference Calls

You can create a standard conference in different ways, depending on your needs and the softkeys available on your phone:

- Confrn—Use this softkey to establish a standard conference by calling each participant. Standard conference calling is a default feature available on most phones.
- Join—Use this softkey to establish a standard conference by joining several calls already on one line.
- cBarge—Use this softkey to add yourself to an existing call on a shared line and to turn the call into a standard conference call. This feature is available only on phones that use shared lines.

See the “Starting and Joining a Standard Conference” section on page 31 for additional instructions.

Meet-Me Conference Calls

You can create a Meet-Me conference by calling the Meet-Me phone number at a specified time.

See the “Starting or Joining a Meet-Me Conference Call” section on page 32 for additional instructions.
Starting and Joining a Standard Conference

A standard conference allows at least three participants to talk on a single call.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create a conference by calling participants</td>
<td>1. From a connected call, press Confrn. (You may need to press the more softkey to see Confrn.)</td>
</tr>
<tr>
<td>Add new participants to an existing conference</td>
<td>2. Enter the participant’s phone number.</td>
</tr>
<tr>
<td></td>
<td>3. Wait for the call to connect.</td>
</tr>
<tr>
<td></td>
<td>4. Press Confrn again to add the participant to your call.</td>
</tr>
<tr>
<td></td>
<td>5. Repeat to add additional participants.</td>
</tr>
</tbody>
</table>

Create a conference by joining two or more existing calls

| 1. Make sure that you have two or more calls on a single line. |
| 2. Highlight a call that you want to add to the conference.   |
| 3. Press Select.                                              |
| The selected call displays this icon ✓.                       |
| 4. Repeat this process for each call that you want to add.   |
| 5. From one of the selected calls, press Join. (You may need to press the more softkey to see Join.) |

Note: The active call is automatically selected.

Participate in a conference

Answer the phone when it rings.

Create a conference by barging a call on shared line

Highlight a call on a shared line and press cBarge. (You may need to press the more softkey to display cBarge.)

See the “Using a Shared Line” section on page 35.

View a list of conference participants

1. Highlight an active conference.
2. Press ConfList.
   Participants are listed in the order in which they join the conference with the most recent additions at the top.

Get an updated list of participants

While viewing the conference list, press Update.

See who started the conference

While viewing the conference list, locate the person listed at the bottom of the list with an asterisk (*) next to the name.

Drop the last party added to the conference

Press RmLstC.
You can remove participants only if you initiated the conference call.
**Tips**

- Calls must be on the same line before you can add them to a conference. If calls are on different lines, transfer them to a single line before using **Conf** or **Join**.
- Depending on how your phone is configured, if you leave a conference after creating it, the conference might end. To avoid this, transfer the conference before hanging up.

**Starting or Joining a Meet-Me Conference Call**

Meet-Me conferencing allows you to start or join a conference by dialing the conference number.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
</table>
| Remove any conference participant | 1. Highlight the participant’s name.  
2. Press Remove.  
You can remove participants only if you initiated the conference. |
| End your participation in a conference | Hang up or press EndCall. |

### If you want to...

<table>
<thead>
<tr>
<th>Then...</th>
</tr>
</thead>
</table>
| **Start a Meet-Me conference** | 1. Obtain a Meet-Me phone number from your system administrator.  
2. Distribute the number to participants.  
3. When you are ready to start the meeting, go off-hook to invoke a dial tone, then press **Meet**.  
4. Dial the Meet-Me conference number.  
Participants can now join the conference by dialing in.  
**Note** Participants hear a busy tone if they call the conference before the initiator has joined. In this case, participants must call back. |
| **Join a Meet-Me conference** | Dial the Meet-Me conference number (provided by the conference initiator).  
**Note** You will hear a busy tone if you call the conference before the initiator has joined. In this case, try your call again. |
| **End a Meet-Me conference** | All participants must hang up.  
The conference does not automatically end when the conference initiator disconnects. |
Advanced Call Handling

Advanced call-handling tasks involve special features that your system administrator might configure for your phone depending on your call-handling needs and work environment.

Speed Dialing

Speed dialing allows you to enter an index number, press a button, or select a phone screen item to place a call. Depending on configuration, your phone can support several speed-dial features:

- Speed-dial buttons
- Abbreviated Dialing
- Fast Dials

Note

- To set up speed-dial features, you must access your User Options web pages. See the “Logging In to the User Options Web Pages” section on page 51.
- Alternately, your system administrator can configure speed-dial features for you.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use speed-dial buttons</td>
<td>1. Set up speed-dial buttons from your User Options web pages.&lt;br&gt;2. To place a call, press (a speed-dial button).</td>
</tr>
<tr>
<td>Use Abbreviated Dial</td>
<td>1. Set up Abbreviated Dialing codes from your User Options web pages.&lt;br&gt;2. To place a call, enter the Abbreviated Dialing code and press AbbrDial.</td>
</tr>
<tr>
<td>Use Fast Dial</td>
<td>1. Subscribe to the Fast Dial service and set up Fast Dial codes from your User Options web pages. See the “Subscribing to Phone Services” section on page 52.&lt;br&gt;2. To place a call, choose &gt; Fast Dial on your phone (exact name might vary), then highlight a listing and go off-hook. Or press the listing on your touchscreen.</td>
</tr>
</tbody>
</table>
Picking Up a Redirected Call on Your Phone

Call PickUp allows you to answer a call that is ringing on a co-worker’s phone by redirecting the call to your phone. You might use Call PickUp if you share call-handling with coworkers.

### Tips

- Depending on how your phone is configured, you might receive an audio and/or visual alert about a call to your pickup group.
- Pressing **PickUp** and **GPickUp** connects you to the call that has been ringing for the longest time.
- Pressing **OPickUp** connects you to the call in the pickup group with the highest priority.
- If you have multiple lines and want to pick up the call on a non-primary line, first press ( ) for the desired line, then press a Call PickUp softkey.

### If you want to... Then...

<table>
<thead>
<tr>
<th>Answer a call that is ringing on another extension within your call pickup group</th>
<th>1. Do one of the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>- If the <strong>PickUp</strong> softkey is available, press it.</td>
</tr>
<tr>
<td></td>
<td>- If the <strong>PickUp</strong> softkey is not available, go off-hook to display it, then press <strong>PickUp</strong>.</td>
</tr>
<tr>
<td>If your phone supports auto-pickup, you are now connected to the call.</td>
<td>2. If the call rings, press <strong>Answer</strong> to connect to the call.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Answer a call that is ringing on another extension outside of your group</th>
<th>1. Do one of the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>- If the <strong>GPickUp</strong> softkey is available, press it.</td>
</tr>
<tr>
<td></td>
<td>- If the <strong>GPickUp</strong> softkey is not available, go off-hook to display it, then press <strong>GPickUp</strong>.</td>
</tr>
<tr>
<td>If your phone supports auto-pickup, you are now connected to the call.</td>
<td>2. Enter the group pickup code.</td>
</tr>
<tr>
<td>If your phone supports auto-pickup, you are now connected to the call.</td>
<td>3. If the call rings, press <strong>Answer</strong> to connect to the call.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Answer a call that is ringing on another extension in your group or in an associated group</th>
<th>1. Do one of the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>- If the <strong>OPickUp</strong> softkey is available, press it.</td>
</tr>
<tr>
<td></td>
<td>- If the <strong>OPickUp</strong> softkey is not available, go off-hook to display it, then press <strong>OPickUp</strong>.</td>
</tr>
<tr>
<td>If your phone supports auto-pickup, you are now connected to the call.</td>
<td>2. If the call rings, press <strong>Answer</strong> to connect to the call.</td>
</tr>
</tbody>
</table>
Using a Shared Line

Your system administrator might ask you to use a shared line if you:

- Have multiple phones and want one phone number
- Share call-handling tasks with co-workers
- Handle calls on behalf of a manager

Understanding Shared Lines

Remote-in-Use Icon
The remote-in-use icon \( \text{Appears when another phone that shares your line has a connected call.} \)
You can place and receive calls as usual on the shared line, even when the remote-in-use icon appears.

Sharing Call Information and Barging
Phones that share a line each display information about calls that are placed and received on the shared line. This information might include caller ID and call duration. (See the Privacy section for exceptions.)

When call information is visible in this way, you and coworkers who share a line can add yourselves to calls using either Barge or cBarge. See the “Adding Yourself to a Shared-Line Call” section on page 36.

Privacy
If you do not want coworkers who share your line to see information about your calls, enable the Privacy feature. Doing so also prevents coworkers from barging your calls. See the “Preventing Others from Viewing or Barging a Shared-Line Call” section on page 37.

Note
The maximum number of calls that a shared line supports can vary by phone.
Adding Yourself to a Shared-Line Call

Depending on how your phone is configured, you can add yourself to a call on a shared line using either Barge or cBarge.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
<tbody>
<tr>
<td>See if the shared line is in use</td>
<td>Look for the remote-in-use icon next to a red line button.</td>
</tr>
<tr>
<td>View details about current calls on the shared line</td>
<td>Press the red line button for the remote-in-use line. All non-private calls appear in the call activity area of the touchscreen.</td>
</tr>
</tbody>
</table>
| Add yourself to a call on a shared line using the Barge softkey | 1. Highlight a remote-in-use call.  
2. Press Barge. (You may need to press the more softkey to display Barge.) Other parties hear a beep tone announcing your presence. |
| Add yourself to a call on a shared line using the cBarge softkey | 1. Highlight a remote-in-use call.  
2. Press cBarge. (You may need to press the more softkey to display cBarge.) Other parties hear a tone and brief audio interruption, and call information changes on the phone screen. |
| Add new conference participants to a call that you have barged | Barge the call using cBarge, if available. Unlike Barge, cBarge converts the call into a standard conference call, allowing you to add new participants. See the “Making Conference Calls” section on page 30. |
| Leave a barged call                              | Hang up.  
If you hang up after using Barge, the remaining parties hear a disconnect tone and the original call continues.  
If you hang up after using cBarge, the call remains a conference call (provided at least three participants remain on the line). |

Tips

- If a phone that is using the shared line has Privacy enabled, call information and barge softkeys will not appear on the other phones that share the line.
- You will be disconnected from a call that you have joined using Barge if the call is put on hold, transferred, or turned into a conference call.
Preventing Others from Viewing or Barging a Shared-Line Call

If you share a phone line, you can use the Privacy feature to prevent others who share the line from viewing or barging (adding themselves to) your calls.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
</table>
| Prevent others from viewing or barging calls on a shared line | 1. Press Private ☰.  
2. To verify that Privacy is on, look for the Privacy-enabled icon ☰ next to an amber line button ☰. |
| Allow others to view or barge calls on a shared line       | 1. Press Private ☰.
2. To verify that Privacy is off, look for the Privacy-disabled icon ☰ next to an unlit line button ☰. |

Tips

- If the phone that shares your line has Privacy enabled, you can make and receive calls using the shared line as usual.
- The Privacy feature applies to all shared lines on your phone. Consequently, if you have multiple shared lines and Privacy is enabled, coworkers will not be able to view or barge calls on any of your shared lines.
- When you place a call on hold, the calling name and number (caller ID) displays on the shared line appearance even if Privacy is enabled. Your system administrator can change this setting so that the caller ID information will not display for held calls when Privacy is enabled. However, you will then only be able to retrieve the call from the phone used to place the call on hold.
Storing and Retrieving Parked Calls

You can park a call when you want to store the call so that you or someone else can retrieve it from another phone in the Cisco Unified CallManager system (for example, a phone at a co-worker’s desk or in a conference room). You can park a call by using these methods:

- **Call Park**—Use the Park softkey to store the call. Your phone displays the call park number where the system stored your call. You must record this number and then use the same number to retrieve the call.

- **Directed Call Park**—Use the Transfer softkey to direct the call to a specific directed call park number that you dial or speed dial. To retrieve the call from a directed call park number, you must dial the park retrieval prefix and then dial or speed dial the same directed call park number.

You can use a Directed Call Park button to speed dial the directed call park number and to monitor whether a directed call park number is occupied or available.

### If you want to... Then...

**Store an active call using Call Park**

1. During a call, press **Park**. (You may need to press the **more** softkey to see **Park**.)
2. Note the call park number displayed on your phone screen.
3. Hang up.

**Retrieve a parked call**
Enter the call park number from any Cisco Unified IP Phone in your network to connect to the call.

**Direct and store an active call at a directed call park number**

1. During a call, press **Transfer**.
2. Press the (Directed Call Park button) with the park-unoccupied icon to speed dial the directed call park number. A blinking Directed Call Park button and the park-occupied icon indicate that the directed call park number is not available.
3. Press **Transfer** again to finish storing the call.

**Retrieve a parked call from a directed call park number**

From any phone in the network, enter the park retrieval prefix and dial the directed call park number. Or after entering the park retrieval prefix, press the (Directed Call Park button) with the park-occupied icon.

### Tips

- You have a limited amount of time to retrieve a parked call before it reverts to ringing at the original number. See your system administrator for details.

- Your system administrator can assign Directed Call Park buttons to available line buttons on your phone or on your Cisco Unified IP Phone Expansion Module 7914.

- You can dial directed call park numbers if you do not have Directed Call Park buttons on your phone. However, you will not be able to see the status of the directed call park number.
Making and Receiving Secure Calls

Depending on how your system administrator has configured your phone system, your phone might support making and receiving secure calls.

Your phone is capable of supporting these types of calls:

- **Authenticated call**—The identities of all phones participating in the call have been verified.
- **Encrypted call**—The phone is receiving and transmitting encrypted audio (your conversation) within the Cisco IP network. Encrypted calls are also authenticated.
- **Non-secure call**—At least one of the participating phones or the connection does not support these security features, or the phones cannot be verified.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check the security level of a call</td>
<td>Look for a security icon in the top right corner of the call activity area, next to the call duration timer:</td>
</tr>
<tr>
<td></td>
<td>Authenticated call</td>
</tr>
<tr>
<td></td>
<td>Encrypted call</td>
</tr>
<tr>
<td>Neither security icon appears if the call is non-secure.</td>
<td></td>
</tr>
<tr>
<td>Determine if secure calls can be made in your company</td>
<td>Contact your system administrator.</td>
</tr>
</tbody>
</table>

**Note** There are interactions, restrictions, and limitations that affect how security features work on your phone. For more information, ask your system administrator.

Tracing Suspicious Calls

If you are receiving suspicious or malicious calls, your system administrator can add the Malicious Call Identification (MCID) feature to your phone. This feature enables you to identify an active call as suspicious, which initiates a series of automated tracking and notification messages.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notify your system administrator about a suspicious or harassing call</td>
<td>Press MCID.</td>
</tr>
<tr>
<td></td>
<td>Your phone plays a tone and displays the message, “MCID successful.”</td>
</tr>
</tbody>
</table>
Prioritizing Critical Calls

In some specialized environments, such as military or government offices, you might need to make and receive urgent or critical calls. If you have the need for this specialized call handling, your system administrator can add Multilevel Precedence and Preemption (MLPP) to your phone.

Keep these terms in mind:

- *Precedence* indicates the priority associated with a call.
- *Preemption* is the process of ending an existing, lower priority call while accepting a higher priority call that is sent to your phone.

<table>
<thead>
<tr>
<th>If you...</th>
<th>Then...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Want to choose a priority (precedence) level for an outgoing call</td>
<td>Contact your system administrator for a list of corresponding precedence numbers for calls.</td>
</tr>
<tr>
<td>Want to make a priority (precedence) call</td>
<td>Enter the MLPP access number (provided by your system administrator) followed by the phone number.</td>
</tr>
<tr>
<td>Hear a special ring (faster than usual) or special call waiting tone</td>
<td>You are receiving a priority (precedence) call. An MLPP icon on your phone screen indicates the priority level of the call.</td>
</tr>
</tbody>
</table>
| Want to view priority level of a call | Look for an MLPP icon on your phone screen:  
  
  - Priority call  
  - Medium priority (immediate) call  
  - High priority (flash) call  
  - Highest priority (flash override) or Executive Override call  
  Higher priority calls are displayed at the top of your call list. If you do not see an MLPP icon, the priority level of the call is normal (routine). |
| Want to accept a higher-priority call | Answer the call as usual. If necessary, end an active call first. |
| Hear a continuous tone interrupting your call | You or the other party are receiving a call that must preempt the current call. Hang up immediately to allow the higher priority call to ring through. |

**Tips**

- When you make or receive an MLPP-enabled call, you will hear special ring tones and call waiting tones that differ from the standard tones.
- If you enter an invalid MLPP access number, a verbal announcement will alert you of the error.
Using Cisco Extension Mobility

Cisco Extension Mobility (EM) allows you to temporarily configure a Cisco Unified IP Phone as your own. Once you log in to EM, the phone adopts your user profile, including your phone lines, features, established services, and web-based settings. Your system administrator must configure EM for you.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
</table>
| Log in to EM     | 1. Choose > EM Service (name can vary).  
2. Enter your user ID and PIN (provided by your system administrator).  
3. If prompted, select a device profile. |
| Log out of EM    | 1. Choose > EM Service (name can vary).  
2. When prompted to log out, press Yes. |

Tips
- EM automatically logs you out after a certain amount of time. This time limit is established by your system administrator.
- Changes that you make to your EM profile (from the User Options web pages) take effect the next time that you log in to EM on a phone.
- Settings that are controlled on the phone only are not maintained in your EM profile.
Logging Out of Hunt Groups

If your organization receives a large number of incoming calls, you might be a member of a hunt group. A hunt group includes a series of directory numbers that share the incoming call load. When the first directory number in the hunt group is busy, the system hunts for the next available directory number in the group and directs the call to that phone.

When you are away from your phone, you can prevent hunt group calls from ringing your phone by logging out of hunt groups.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Log out of hunt groups to temporarily block hunt group calls</td>
<td>Press HLog. Your phone screen displays, “Logged out of Hunt Group.”</td>
</tr>
<tr>
<td>Log in to receive hunt group calls</td>
<td>Press HLog.</td>
</tr>
</tbody>
</table>

**Tip**

Logging out of hunt groups does not prevent non-hunt group calls from ringing your phone.
Using a Handset, Headset, and Speakerphone

You can use your phone with a handset, headset, or speakerphone.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use the handset</td>
<td>Lift it to go off-hook; replace it to go on-hook.</td>
</tr>
<tr>
<td>Use a headset</td>
<td>Press ( \text{[} ) to toggle headset mode on and off. If you use AutoAnswer, see the “Using AutoAnswer” section on page 44 for exceptions. You can use the headset in conjunction with all of the controls on your phone, including ( \text{[} ) and ( \text{[} ).</td>
</tr>
<tr>
<td>Use the speakerphone</td>
<td>Press ( \text{[} ) to toggle speakerphone mode on or off. Many of the actions you can take to dial a number or answer a call will automatically trigger speakerphone mode, assuming that the handset is in its cradle and ( \text{[} ) is not lit.</td>
</tr>
<tr>
<td>Switch to the speakerphone or a headset (from the handset) during a call</td>
<td>Press ( \text{[} ) or ( \text{[} ), then hang up the handset.</td>
</tr>
<tr>
<td>Switch to the handset (from the speakerphone or headset) during a call</td>
<td>Lift the handset (without pushing any buttons).</td>
</tr>
<tr>
<td>Adjust the volume level for a call</td>
<td>Press ( \text{[} ) during a call or after invoking a dial tone. This action adjusts the volume for the handset, speakerphone, or headset, depending on which device is in use. Press ( \text{Save} ) to preserve the volume level for future calls.</td>
</tr>
</tbody>
</table>

Obtaining a Headset

Your phone supports four- or six-wire headset jacks. For information about purchasing headsets, see the “Headset Information” section on page 14.
# Using AutoAnswer

When AutoAnswer is enabled, your phone answers incoming calls automatically after a few rings. Your system administrator configures AutoAnswer to use either the speakerphone or a headset. You might use AutoAnswer if you receive a high volume of incoming calls.

<table>
<thead>
<tr>
<th>If you...</th>
<th>Then...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use AutoAnswer with a</td>
<td>Keep headset mode active (in other words, keep ☀ illuminated), even when you are not on a</td>
</tr>
<tr>
<td>headset</td>
<td>call.</td>
</tr>
<tr>
<td></td>
<td>To keep headset mode active, do the following:</td>
</tr>
<tr>
<td></td>
<td>• Press EndCall to hang up.</td>
</tr>
<tr>
<td></td>
<td>• Press NewCall or Dial to place new calls.</td>
</tr>
<tr>
<td></td>
<td>If your phone is set up to use AutoAnswer in headset mode, calls are automatically</td>
</tr>
<tr>
<td></td>
<td>answered only if ☀ is illuminated. Otherwise, calls ring normally and you must manually</td>
</tr>
<tr>
<td></td>
<td>answer them.</td>
</tr>
<tr>
<td>Use AutoAnswer with the</td>
<td>Keep the handset in the cradle and headset mode inactive (☉ unlit). Otherwise, calls ring</td>
</tr>
<tr>
<td>speakerphone</td>
<td>normally and you must manually answer them.</td>
</tr>
</tbody>
</table>
Using Phone Settings

You can personalize your Cisco Unified IP Phone by adjusting the ring tone, background image, and other settings.

Customizing Rings and Message Indicators

You can customize how your phone indicates an incoming call and a new voice mail message. You can also adjust the ringer volume for your phone.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Change the ring tone per line</td>
<td>1. Choose &lt;User Preferences &gt; Rings.</td>
</tr>
<tr>
<td></td>
<td>2. Choose a phone line or the default ring setting.</td>
</tr>
<tr>
<td></td>
<td>3. Choose a ring tone to play a sample of it.</td>
</tr>
<tr>
<td></td>
<td>4. Press Select and Save to set the ring tone, or press Cancel.</td>
</tr>
<tr>
<td>Change the ring pattern per line (flash-only, ring once, beep-only, etc.)</td>
<td>1. Log in to your User Options web pages and select a device. (See the “Logging In to the User Options Web Pages” section on page 51.)</td>
</tr>
<tr>
<td></td>
<td>2. Choose Change the Ring Settings for your phone.</td>
</tr>
<tr>
<td>Adjust the volume level for the phone ringer</td>
<td>Press &quot; while the handset is in the cradle and the headset and speakerphone buttons are off. The new ringer volume is saved automatically.</td>
</tr>
<tr>
<td>Change the way that the voice message light on your handset works</td>
<td>1. Log in to your User Options web pages and select a device. (See the “Logging In to the User Options Web Pages” section on page 51.)</td>
</tr>
<tr>
<td></td>
<td>2. Choose Change the Message Waiting Lamp policy...</td>
</tr>
</tbody>
</table>

Tips

- Before you can access the “Change the Ring Settings...” item from the User Options web pages, your system administrator might need to enable this option for your phone.
- Typically, the default system policy for the voice message light on your handset tells your phone to always light to indicate a new voice message.
## Customizing the Touchscreen

You can adjust the characteristics of the touchscreen.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
</table>
| Change the touchscreen brightness | 1. Choose > User Preferences > Brightness.  
2. To make adjustments, press Up, Down or .  
3. Press Save, or press Cancel.                                                                 |
| Adjust the touchscreen to accommodate your viewing angle | 1. Choose > User Preferences > Viewing Angle.  
2. To make adjustments, press Up, Down or .  
3. Press Save, or press Cancel.                                                                 |
| Change the background image     | 1. Choose > User Preferences > Background Images.  
2. Scroll through available images and press Select to choose an image.  
3. Press Preview to see a larger view of the background image.  
4. Press Exit to return to the selection menu.  
5. Press Save to accept the new image, or press Cancel.                                                                 |
| Change the language on your touchscreen | 1. Log in to your User Options web pages and select a device. (See the “Logging In to the User Options Web Pages” section on page 51.)  
2. Choose Change the Locale...                                                                 |
| Create a text label for a phone line | 1. Log in to your User Options web pages and select a device. (See the “Logging In to the User Options Web Pages” section on page 51.)  
2. Choose Change the Line Text Label for your phone.  
**Note** Your system administrator must enable access to this feature for you.                                                                 |
| Enable or disable the touchscreen | See the “Understanding Feature Buttons and Menus” section on page 21.                                                                                                                                     |
| Adjust contrast for your Cisco Unified IP Phone Expansion Module 7914 (if applicable) | 1. Choose > User Preferences > Contrast.  
2. To make adjustments, press Up, Down or .  
3. Press Save, or press Cancel.                                                                 |
Using Call Logs and Directories

This section describes how you can use call logs and directories. To access both features, use the Directories button.

Using Call Logs

Your phone maintains records of your missed, placed, and received calls.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
<tbody>
<tr>
<td>View your call logs</td>
<td>Choose &gt; Missed Calls, Placed Calls, or Received Calls. Each stores up to 100 records. To view a truncated listing, highlight it and press EditDial.</td>
</tr>
<tr>
<td>Erase your call logs</td>
<td>Press , then press Clear. Doing so erases all records in all logs.</td>
</tr>
</tbody>
</table>
| Dial from a call log (while not on another call) | 1. Choose > Missed Calls, Placed Calls, or Received Calls.  
2. Highlight a call record from the log.  
**Note** If the Details softkey displays, the call is the primary entry of a multiparty call. See the Tip section below.  
3. If you need to edit the displayed number, press EditDial followed by << or >>. To delete the number, press EditDial followed by Delete. (You may need to press the more softkey to display Delete.)  
4. Go off-hook to place the call. |
Tip
To view the complete call record of a multiparty call, press Details. The Details record shows two entries for each missed or received multiparty call. The entries are listed in reverse chronological order:

- The first logged entry is the name/number of the last completed call of a multiparty call received on your phone.
- The second logged entry is the name/number of the first completed call of a multiparty call received on your phone.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
</table>
| Dial from a call log (while connected to another call) | 1. Choose Missed Calls, Placed Calls, or Received Calls.  
2. Highlight a call record from the log.  
**Note** If the Details softkey displays, the call is the primary entry of a multiparty call. See the Tip section below.  
3. If you need to edit the displayed number, press EditDial followed by << or >>. To delete the number, press EditDial followed by Delete. (You may need to press the more softkey to display Delete.)  
4. Press Dial.  
5. Choose a menu item to handle the original call:  
   - **Hold**—Puts the first call on hold and dials the second.  
   - **Transfer**—Transfers the first party to the second and drops you from the call. (Press Transfer again after dialing to complete the action.)  
   - **Conference**—Creates a conference call with all parties, including you. (Press Confrn again after dialing to complete the action.)  
   - **EndCall**—Disconnects the first call and dials the second. |
**Using Corporate Directory on Your Phone**

Depending on configuration, your phone can provide access to a corporate directory which you can use to place calls to coworkers. Corporate Directory is set up and maintained by your system administrator.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
</table>
| Dial from a corporate directory (while not on another call) | 1. Choose > Corporate Directory (exact name can vary).  
2. Use your keypad to enter a full or partial name and press Search.  
3. To dial, select the listing that you want to dial, or scroll to the listing and go off-hook. |
| Dial from a corporate directory (while connected to another call) | 1. Choose > Corporate Directory (exact name can vary).  
2. Use your keypad to enter a full or partial name and press Search.  
3. Scroll to a listing and press Dial.  
4. Choose a menu item to handle the original call:  
   - Hold—Puts the first call on hold and dials the second.  
   - Transfer—Transfers the first party to the second and drops you from the call. (Press Transfer again after dialing to complete the action.)  
   - Conference—Creates a conference call with all parties, including you. (Press Confrn again after dialing to complete the action.)  
   - EndCall—Disconnects the first call and dials the second. |

**Tip**

Use the numbers on your keypad to enter characters on your phone screen. Use the Navigation button on your phone to move between input fields.
Accessing Voice Messages

To access voice messages, use the Messages button.

**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.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set up and personalize your voice message service</td>
<td>Press and follow the voice instructions.</td>
</tr>
<tr>
<td></td>
<td>If a menu appears on your touchscreen, choose an appropriate menu item.</td>
</tr>
<tr>
<td>See if you have a new voice message</td>
<td>Look for:</td>
</tr>
<tr>
<td></td>
<td>• A steady red light on your handset. (This indicator can vary. See the</td>
</tr>
<tr>
<td></td>
<td>“Customizing Rings and Message Indicators” section on page 45.)</td>
</tr>
<tr>
<td></td>
<td>• A flashing message waiting icon and text message on your touchscreen.</td>
</tr>
<tr>
<td>Listen to your voice messages or access the voice</td>
<td>Press .</td>
</tr>
<tr>
<td>messages menu</td>
<td>Depending on your voice message service, doing so either auto-dials the</td>
</tr>
<tr>
<td></td>
<td>message service or provides a menu on your touchscreen.</td>
</tr>
<tr>
<td>Send a call to your voice message system</td>
<td>Press iDivert.</td>
</tr>
<tr>
<td></td>
<td>The iDivert feature automatically transfers a call (including a ringing</td>
</tr>
<tr>
<td></td>
<td>or held call) to your voice message system. Callers hear your voice</td>
</tr>
<tr>
<td></td>
<td>message greeting and can leave you a message.</td>
</tr>
</tbody>
</table>
Accessing Your User Options Web Pages

Because your Cisco Unified IP Phone is a network device, it can share information with other network devices in your company, including your computer and web-based services accessible using a web browser on your computer.

You can establish phone services, and control settings and features from your computer using the Cisco Unified CallManager User Options web pages. Once you configure features and services on the web pages, you can access them on your phone.

For example, you can set up speed-dial buttons from your web pages, then access them on your phone.

This section describes how to access your User Options web pages and how to subscribe to phone services. For more details about the features you can configure and the phone services to which you can subscribe, refer to *Customizing Your Cisco Unified IP Phone on the Web* at the following URL:


Logging In to the User Options Web Pages

**Procedure**

**Step 1** Obtain a User Options URL, user ID, and default password from your system administrator.

**Step 2** Open a web browser on your computer and enter the URL (provided by your system administrator) and log on.

**Step 3** From the general menu, select your device type (phone model) in the “Select a device” drop-down list.

After you make your selection, a context-sensitive menu appears with options appropriate for your device type.

**Tips for Navigating the User Options Pages**

- Select your device from the menu page to see all of your options.
- Click **Update** to apply and save your changes.
- Click **Return to the Menu** to get back to the context-sensitive menu.
- Click **Log Off** to exit the User pages.
Subscribing to Phone Services

Before you can access subscription phone services on your phone, you need to subscribe to them by using your computer to access the User Options web pages. (See the “Logging In to the User Options Web Pages” section on page 51 for help logging in.)

Phone services can include:

- Web-based information, such as stock quotes, movie listings, and weather reports
- Network data, such as corporate calendars and searchable directories
- Phone features, such as My Fast Dials and a Personal Address Book

Refer to the following table for more information.

<table>
<thead>
<tr>
<th>If you want to...</th>
<th>Then do this after you log in and select your device type...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subscribe to a service</td>
<td>From the main menu, choose Configure your Cisco Unified IP Phone Services. Select a service from the “Available Services” drop-down list and click Continue. Enter more information upon request (such as a zip code or PIN), then click Subscribe.</td>
</tr>
<tr>
<td>Change or end subscriptions</td>
<td>From the main menu, choose Configure your Cisco Unified IP Phone Services. Click a service in the “Your Subscribed Services” panel. Click Update after making changes, or click Unsubscribe.</td>
</tr>
<tr>
<td>Add a service to a programmable button</td>
<td>After subscribing to a service, choose Add/Update your Service URL Buttons from the main menu. For each available button, select a service from the drop-down list and enter a text description. Click Update after making changes. Your system administrator determines how many programmable buttons are available for services and might assign service buttons to your phone.</td>
</tr>
<tr>
<td>Access a service on your phone</td>
<td>Press on your phone. Or, if you have added a service to a programmable button, press the button.</td>
</tr>
<tr>
<td>Learn how to use phone services</td>
<td>See Customizing Your Cisco Unified IP Phone on the Web: <a href="http://www.cisco.com/univercd/cc/td/doc/product/voice/c_ippphon/index.htm">http://www.cisco.com/univercd/cc/td/doc/product/voice/c_ippphon/index.htm</a></td>
</tr>
</tbody>
</table>
Understanding Additional Configuration Options

Your system administrator can configure your phone to use specific button and softkey templates along with special services and features, if appropriate. This table provides an overview of some configuration options that you might want to discuss with your phone system administrator based on your calling needs or work environment.

**Note** You can locate Phone Guides and other documents listed in this table on the web: http://www.cisco.com/univercd/cc/td/doc/product/voice/c_ipphon/index.htm

<table>
<thead>
<tr>
<th>If you...</th>
<th>Then...</th>
<th>For more information...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Need to handle more calls on your phone line</td>
<td>Ask your system administrator to configure your line to support more calls.</td>
<td>Talk to your system administrator or phone support team.</td>
</tr>
<tr>
<td>Need more than one phone line</td>
<td>Ask your system administrator to configure one or more additional directory numbers for you.</td>
<td>Talk to your system administrator or phone support team.</td>
</tr>
<tr>
<td>Need more speed-dial buttons</td>
<td>First make sure that you are using all of your currently available speed-dial buttons. If you need additional speed-dial buttons, try using Abbreviated Dialing or subscribing to the Fast Dial service. Another option is to attach the Cisco Unified IP Phone Expansion Module 7914 to your phone.</td>
<td>See the: • “Speed Dialing” section on page 33 • “Subscribing to Phone Services” section on page 52 • Cisco Unified IP Phone Expansion 7914 Module Phone Guide</td>
</tr>
<tr>
<td>Work with (or work as) an administrative assistant</td>
<td>Consider using: • Cisco Unified CallManager Assistant • A shared line</td>
<td>See the: • “Using a Shared Line” section on page 35 • Cisco Unified CallManager Assistant User Guide</td>
</tr>
<tr>
<td>Want to use one extension for several phones</td>
<td>Request a shared line. This allows you to use one extension for your desk phone and lab phone, for example.</td>
<td>See the “Using a Shared Line” section on page 35.</td>
</tr>
</tbody>
</table>

Cisco Unified IP Phone 7970 Series for Cisco Unified CallManager 4.2
<table>
<thead>
<tr>
<th>If you...</th>
<th>Then...</th>
<th>For more information...</th>
</tr>
</thead>
</table>
| Share phones or office space with co-workers | Consider using:  
- Call Park to store and retrieve calls without using the transfer feature.  
- Call Pickup to answer calls ringing on another phone.  
- A shared line to view or join co-workers’ calls.  
- Cisco Extension Mobility to apply your phone number and user profile to a shared Cisco Unified IP Phone. | Ask your system administrator about these features and see the:  
- “Advanced Call Handling” section on page 33  
- “Using a Shared Line” section on page 35  
- Using Cisco Extension Mobility, page 41 |
| Answer calls frequently or handle calls on someone’s behalf | Ask your system administrator to set up the AutoAnswer feature for your phone. | See the “Using AutoAnswer” section on page 44. |
| Need to make video calls | Consider using Cisco Unified Video Advantage, which enables you to make video calls using your Cisco Unified IP Phone, your personal computer, and an external video camera. | Contact your system administrator for additional assistance and see the *Cisco Unified Video Advantage Quick Start Guide* and *User Guide*. |
| Want to temporarily apply your phone number and settings to a shared Cisco Unified IP Phone | Ask your system administrator about the Cisco Extension Mobility service. | See the “Using Cisco Extension Mobility” section on page 41. |
Troubleshooting Your Phone

This section provides troubleshooting information for your Cisco Unified IP Phone.

General Troubleshooting

This section provides information to help you troubleshoot general problems with your phone. For more information, see your system administrator.

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Explanation</th>
</tr>
</thead>
</table>
| You cannot hear a dial tone or complete a call | One or more of the following factors might apply:  
  - You must log into the Extension Mobility service.  
  - You must enter a client matter code or forced authorization code after dialing a number.  
  - Your phone has time-of-day restrictions that prevent you from using some features during certain hours of the day. |
| The Settings button is unresponsive          | Your system administrator might have disabled on your phone.                                                                                  |
| The phone screen appears blank               | The touchscreen has gone into sleep mode to save power after a period of inactivity. Wake the touchscreen by pressing it, by lifting the handset, or by pressing any button, such as . See the “Understanding Feature Buttons and Menus” section on page 21. |
| The softkey that you want to use does not appear | One or more of the following factors might apply:  
  - You must press more to reveal additional softkeys.  
  - You must change the line state (for example, go off-hook or have a connected call).  
  - Your phone is not configured to support the feature associated with that softkey. |
| Join fails                                   | Join requires multiple selected calls. Be sure that you have selected at least one call in addition to the active call, which is selected automatically. Join also requires the selected calls to be on the same line. If necessary, transfer calls to one line before joining them. |
| Barge fails and results in a fast busy tone  | You cannot barge an encrypted call if the phone you are using is not configured for encryption. When your barge attempt fails for this reason, your phone plays a fast busy tone. |
**Viewing Phone Administration Data**

Your system administrator might ask you to access administration data on your phone for troubleshooting purposes.

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>You are disconnected from a call that you joined using <strong>Barge</strong></td>
<td>You will be disconnected from a call that you have joined using <strong>Barge</strong> if the call is put on hold, transferred, or turned into a conference call.</td>
</tr>
<tr>
<td><strong>Cisco CallBack</strong> fails</td>
<td>The other party might have call forwarding enabled.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Symptom</strong></th>
<th><strong>Explanation</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>You are disconnected from a call that you joined using <strong>Barge</strong></strong></td>
<td>You will be disconnected from a call that you have joined using <strong>Barge</strong> if the call is put on hold, transferred, or turned into a conference call.</td>
</tr>
<tr>
<td><strong>Cisco CallBack</strong> fails</td>
<td>The other party might have call forwarding enabled.</td>
</tr>
</tbody>
</table>

**Using the Quality Reporting Tool**

Your system administrator may temporarily configure your phone with the Quality Reporting Tool (QRT) to troubleshoot performance problems. You can press **QRT** to submit information to your system administrator. Depending on configuration, use the **QRT** to:

- Immediately report an audio problem on a current call
- Select a general problem from a list of categories and choose reason codes
Cisco One-Year Limited Hardware Warranty Terms

There are special terms applicable to your hardware warranty and various services that you can use during the warranty period. Your formal Warranty Statement, including the warranties and license agreements applicable to Cisco software, is available on Cisco.com. Follow these steps to access and download the Cisco Information Packet and your warranty and license agreements from Cisco.com.

1. Launch your browser, and go to this URL:
   The Warranties and License Agreements page appears.

2. To read the Cisco Information Packet, follow these steps:
   a. Click the Information Packet Number field, and make sure that the part number 78-5235-03A0 is highlighted.
   b. Select the language in which you would like to read the document.
   c. Click Go.
   d. The Cisco Limited Warranty and Software License page from the Information Packet appears.
   e. Read the document online, or click the PDF icon to download and print the document in Adobe Portable Document Format (PDF).

   Note You must have Adobe Acrobat Reader to view and print PDF files. You can download the reader from Adobe’s website: http://www.adobe.com

3. To read translated and localized warranty information about your product, follow these steps:
   a. Enter this part number in the Warranty Document Number field:
      78-10747-01C0
   b. Select the language in which you would like to view the document.
   c. Click Go.
      The Cisco warranty page appears.
   d. Read the document online, or click the PDF icon to download and print the document in Adobe Portable Document Format (PDF).

You can also contact the Cisco service and support website for assistance:

Duration of Hardware Warranty
One (1) Year
**Replacement, Repair, or Refund Policy for Hardware**

Cisco or its service center will use commercially reasonable efforts to ship a replacement part within ten (10) working days after receipt of a Return Materials Authorization (RMA) request. Actual delivery times can vary, depending on the customer location.

Cisco reserves the right to refund the purchase price as its exclusive warranty remedy.

**To Receive a Return Materials Authorization (RMA) Number**

Contact the company from whom you purchased the product. If you purchased the product directly from Cisco, contact your Cisco Sales and Service Representative.

Complete the information below, and keep it for reference.

<table>
<thead>
<tr>
<th>Company product purchased from</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company telephone number</td>
</tr>
<tr>
<td>Product model number</td>
</tr>
<tr>
<td>Product serial number</td>
</tr>
<tr>
<td>Maintenance contract number</td>
</tr>
</tbody>
</table>
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