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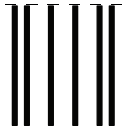

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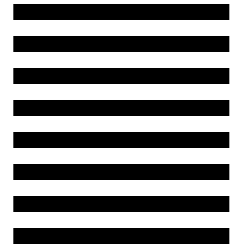

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Cisco One-Year Limited Hardware Warranty Terms

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 warranty applicable to Cisco software, is included on the CD that accompanies your Cisco product. Follow these steps to access and download the *Cisco Information Packet* and your warranty document from the CD or from Cisco.com.

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   The Warranties and License Agreements page appears.

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   c. Click **Go**.

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d. Read the document online, or click the **PDF** icon to download and print the document in Adobe Portable Document Format (PDF).

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One (1) Year

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Complete the information below, and keep it for reference:

Product purchased from:	
Their telephone number:	
Product Model and Serial number:	
Maintenance Contract number:	

Preface

This section covers the following topics:

- About This Guide, page xv
- Audience and Scope, page xv
- Related Documentation, page xvi
- Obtaining Documentation, page xvii
- Obtaining Technical Assistance, page xx
- Obtaining Additional Publications and Information, page xxiv

About This Guide

This guide is designed to help you learn about basic and advanced features of, and phone and network configurations for, the Cisco Wireless IP Phone 7920.

Audience and Scope

This guide is intended for the wireless phone user who may or may not have had any technical training in IP telephony or networking, and who is planning to use the Cisco Wireless IP Phone 7920 in an enterprise environment.

Related Documentation

This section describes other publications in the Cisco 7920 Wireless IP Phone documentation set in addition to related Cisco publications.

Cisco 7920 Documentation

The following publications are companion documents to the *Cisco Wireless IP Phone 7920 User Guide:*

- For IP phone configuration, software installation, and operation instructions, refer to the *Cisco Wireless IP Phone 7920 Administrator Guide*.
- For Cisco Wireless IP Phone 7920 accessories, refer to the *Cisco Wireless IP Phone 7920 Accessory Guide*.
- For regulatory compliance and safety information, refer to the *Regulatory Compliance and Safety Information for the Cisco Wireless IP Phone 7920*.
- For the latest information about the Cisco Wireless IP Phone 7920, refer to the *Release Notes for the Cisco Wireless IP Phone 7920* at the following location:

  http://www.cisco.com/univercd/cc/td/doc/product/voice/c_ipphon/7920/index.htm

Cisco IP Phone Documentation

For information about Cisco IP Phones, refer to the following publications:

- *Getting Started with the Cisco IP Phone 7910*
- *Cisco IP Phone Models 7960 and 7940 User Guide*
- *Cisco IP Phone Administration Guide for Cisco CallManager*

Obtaining Documentation

Cisco provides several ways to obtain documentation, technical assistance, and other technical resources. These sections explain how to obtain technical information from Cisco Systems.

Cisco.com

You can access the most current Cisco documentation on the World Wide Web at this URL:

http://www.cisco.com/univercd/home/home.htm

You can access the Cisco website at this URL:

http://www.cisco.com

International Cisco websites can be accessed from this URL:

http://www.cisco.com/public/countries_languages.shtml

Documentation CD-ROM

Cisco documentation and additional literature are available in a Cisco Documentation CD-ROM package, which may have shipped with your product. The Documentation CD-ROM is updated regularly and may be more current than printed documentation. The CD-ROM package is available as a single unit or through an annual or quarterly subscription.

Registered Cisco.com users can order a single Documentation CD-ROM (product number DOC-CONDOCCD=) through the Cisco Ordering tool:

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  http://www.cisco.com/en/US/partner/ordering/index.shtml

- Nonregistered Cisco.com users can order documentation through a local account representative by calling Cisco Systems Corporate Headquarters (California, U.S.A.) at 408 526-7208 or, elsewhere in North America, by calling 800 553-NETS (6387).

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You can submit comments by using the response card (if present) behind the front cover of your document or by writing to the following address:

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We appreciate your comments.

Obtaining Technical Assistance

Cisco provides Cisco.com, which includes the Cisco Technical Assistance Center (TAC) website, as a starting point for all technical assistance. Customers and partners can obtain online documentation, troubleshooting tips, and sample configurations from the Cisco TAC website. Cisco.com registered users have complete access to the technical support resources on the Cisco TAC website, including TAC tools and utilities.

Cisco.com

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Cisco.com provides a broad range of features and services to help you with these tasks:

- Streamline business processes and improve productivity
- Resolve technical issues with online support
- Download and test software packages
- Order Cisco learning materials and merchandise
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To obtain customized information and service, you can self-register on Cisco.com at this URL:

http://tools.cisco.com/RPF/register/register.do

Technical Assistance Center

The Cisco TAC is available to all customers who need technical assistance with a Cisco product, technology, or solution. Two types of support are available: the Cisco TAC website and the Cisco TAC Escalation Center. The type of support that you choose depends on the priority of the problem and the conditions stated in service contracts, when applicable.

We categorize Cisco TAC inquiries according to urgency:

- Priority level 4 (P4)—You need information or assistance concerning Cisco product capabilities, product installation, or basic product configuration. There is little or no impact to your business operations.
- Priority level 3 (P3)—Operational performance of the network is impaired, but most business operations remain functional. You and Cisco are willing to commit resources during normal business hours to restore service to satisfactory levels.
- Priority level 2 (P2)—Operation of an existing network is severely degraded, or significant aspects of your business operations are negatively impacted by inadequate performance of Cisco products. You and Cisco will commit full-time resources during normal business hours to resolve the situation.

- Priority level 1 (P1)—An existing network is "down," or there is a critical impact to your business operations. You and Cisco will commit all necessary resources around the clock to resolve the situation.

Cisco TAC Website

The Cisco TAC website provides online documents and tools to help troubleshoot and resolve technical issues with Cisco products and technologies. To access the Cisco TAC website, go to this URL:

http://www.cisco.com/tac

All customers, partners, and resellers who have a valid Cisco service contract have complete access to the technical support resources on the Cisco TAC website. Some services on the Cisco TAC website require a Cisco.com login ID and password. If you have a valid service contract but do not have a login ID or password, go to this URL to register:

http://tools.cisco.com/RPF/register/register.do

If you are a Cisco.com registered user, and you cannot resolve your technical issues by using the Cisco TAC website, you can open a case online at this URL:

http://www.cisco.com/tac/caseopen

If you have Internet access, we recommend that you open P3 and P4 cases online so that you can fully describe the situation and attach any necessary files.

Cisco TAC Escalation Center

The Cisco TAC Escalation Center addresses priority level 1 or priority level 2 issues. These classifications are assigned when severe network degradation significantly impacts business operations. When you contact the TAC Escalation Center with a P1 or P2 problem, a Cisco TAC engineer automatically opens a case.

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Before calling, please check with your network operations center to determine the Cisco support services to which your company is entitled: for example, SMARTnet, SMARTnet Onsite, or Network Supported Accounts (NSA). When you call the center, please have available your service agreement number and your product serial number.

Obtaining Additional Publications and Information

Information about Cisco products, technologies, and network solutions is available from various online and printed sources.

- The *Cisco Product Catalog* describes the networking products offered by Cisco Systems, as well as ordering and customer support services. Access the *Cisco Product Catalog* at this URL:

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- Cisco Press publishes a wide range of networking publications. Cisco suggests these titles for new and experienced users: *Internetworking Terms and Acronyms Dictionary, Internetworking Technology Handbook, Internetworking Troubleshooting Guide,* and the *Internetworking Design Guide*. For current Cisco Press titles and other information, go to Cisco Press online at this URL:

  http://www.ciscopress.com

- *Packet* magazine is the Cisco quarterly publication that provides the latest networking trends, technology breakthroughs, and Cisco products and solutions to help industry professionals get the most from their networking investment. Included are networking deployment and troubleshooting tips, configuration examples, customer case studies, tutorials and

training, certification information, and links to numerous in-depth online resources. You can access *Packet* magazine at this URL:

http://www.cisco.com/go/packet

- iQ Magazine is the Cisco bimonthly publication that delivers the latest information about Internet business strategies for executives. You can access iQ Magazine at this URL:

  http://www.cisco.com/go/iqmagazine

- Internet Protocol Journal is a quarterly journal published by Cisco Systems for engineering professionals involved in designing, developing, and operating public and private internets and intranets. You can access the Internet Protocol Journal at this URL:

  http://www.cisco.com/en/US/about/ac123/ac147/about_cisco_the_internet_protocol_journal.html

- Training—Cisco offers world-class networking training. Current offerings in network training are listed at this URL:

  http://www.cisco.com/en/US/learning/le31/learning_recommended_training_list.html

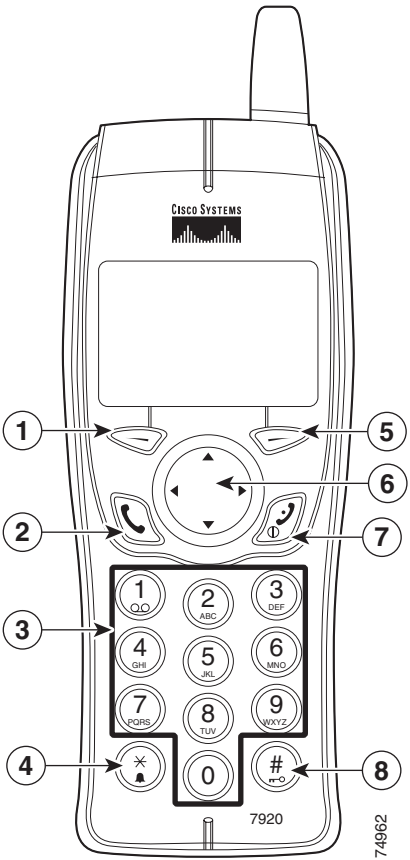
CHAPTER

1

Overview of the Cisco Wireless IP Phone 7920

The Cisco Wireless IP Phone 7920 is depicted in Figure 1-1 on page 2. The callout table describes the functions of the keys.

Figure 1-1 Cisco Wireless IP Phone 7920



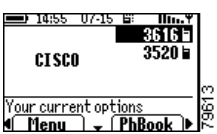
1		Left soft key: Used for performing functions displayed in the tab shown above it.
2		Answer/Send key: Used for answering a call or dialing a number.
3	0-9 	Number keys (0-9): Used for entering numbers and characters. Also used as Speed Dial hot keys. Shortcut to voice-mail box.
4		Asterisk (*) key: Shortcut for setting ring or vibrating mode. In entry mode, use the asterisk key to select between upper case and lower case.
5		Right soft key: Used for performing functions displayed in the tab shown above it.

6		Arrow keys: Used for navigating from one function to another.
7		Can be used as Power key or End key: • Power key: Switches the phone on and off. • End key: Used to end or reject a call or to return to standby mode.
8		Pound (#) key: Shortcut for switching key lock on and off. In entry mode, use the pound key to select special characters or symbols.

Powering the Phone On and Off

To turn the phone on or off, press and hold the key for two to three seconds. The phone enters standby mode, with the main screen displayed, as shown in Figure 1-2.

Figure 1-2 Main Screen/Standby Mode



Note The LEAP password screen appears when the phone is switched on in a LEAP and Prompt mode activated environment. Contact your administrator to obtain the LEAP password. Or see the "Setting the LEAP Password" section on page 88.

Entering and Editing Text

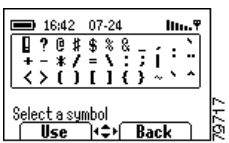
You can enter characters and numbers in the phone book by using the numeric keys as follows:

- Press the numeric key once to enter the first character on a key. Press it twice to enter the second character. Press it three times to enter the third character. Press it four times to enter the number shown on the numeric key.
- Press * to switch between uppercase and lowercase. The sign "ABC" or "abc" appears at the lower-right corner of the screen to indicate uppercase mode or lowercase mode.
- To enter a space between characters, press ▼ .

Entering Symbols into Text

1. Press (#) to display the Symbol table, as shown in Figure 1-3.

Figure 1-3 Symbol Table



2. Use ▲, ▼, ◀, or ▶ to select the desired symbol.
3. Press ⊖ to insert the symbol into your text.

Deleting Characters

There are two ways to clear the text entered:

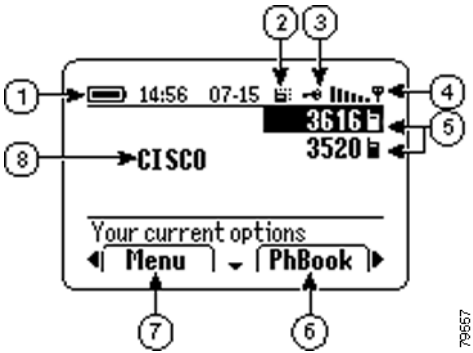
- Press ⊖ once to delete the last character entered.
- Press and hold ⊖ to delete the entire string entered.

To cancel editing, press ⊖.

Main Screen and Display Indicators

Figure 1-4 shows the icons displayed in the Main screen, which is the screen that you see after you turn on the Cisco 7920 Wireless IP Phone.

Figure 1-4 Main Screen

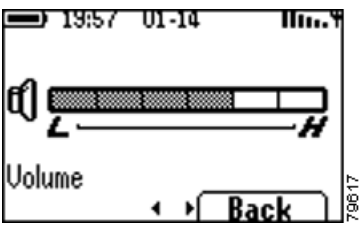


1	Battery icon
2	Vibration mode icon
3	Key lock icon
4	Signal strength icon
5	Available phone lines
6	Right soft key tab
7	Left soft key tab
8	User programmable welcome message

Adjusting the Speaker Volume

1. In standby mode, press ◀ or ▶ until you see the Volume tab.
2. Press the soft key for the Volume tab to start adjusting the speaker volume.
3. Increase the volume by pressing ▶. Decrease the volume by pressing ◀. See Figure 1-5.

Figure 1-5 Adjusting the Speaker Volume



4. Press ⬭ to return to standby mode.

Accessories

See the *Cisco Wireless IP Phone 7920 Accessory Guide* for information about phone accessories.

CHAPTER

2

Getting Started

Before using your Cisco Wireless IP Phone 7920, you need to do the following:

- Check the shipment for completeness
- Install the battery and charge the phone
- Learn how to turn the phone on and off

Checking Shipment Completeness

Check to make sure that all items are present in the Cisco Wireless IP Phone 7920 box.

The package should contain the following:

- Cisco Wireless IP Phone 7920
- Standard battery (Cisco part number: CP-BATT-7920-STD)
- Power supply (Cisco part number: CP-PWR-7920SE-NA)
- *Cisco Wireless IP Phone 7920 User Guide*
- Regulatory Compliance and Safety Information for the Cisco Wireless IP Phone 7920

Inform your system manager or supplier if any items are missing.

Safety Warnings

These safety notices apply to the Cisco Wireless IP Phone 7920. Please read the following sections before installing or using your Cisco Wireless IP Phone 7920.

Warning Definition

Warning **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. To see translations of the warnings that appear in this publication, refer to the translated safety warnings that accompanied this device.**

Installation Warning

Warning **Read the installation instructions before connecting the system to the power source.**

Product Disposal Warning

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

Lightning Activity Warning

Warning **Do not work on the system or connect or disconnect cables during periods of lightning activity.**

Battery Handling Warning

Warning **There is the danger of explosion if the battery is replaced incorrectly. Replace the battery only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.**

Emergency Services Warning

Warning This equipment will not be able to access emergency services during a power outage because of reliance on utility power for normal operation. Alternative arrangements should be made for access to emergency services. Access to emergency services can be affected by any call-barring function of this equipment.

Explosive Gas Warning

Warning The use of the Cisco Wireless IP Phone 7920 in hazardous environments such as areas where high levels of explosive gas may be present is not recommended. Check with the site safety engineer before using any type of wireless device in such an environment.

Battery Disposal Warning

Warning Do not dispose of the battery pack in fire or water. The battery may explode if placed in the fire.

Battery Safety Notices

These battery safety notices apply to the batteries that are approved by the Cisco Wireless IP Phone 7920 manufacturer.

Caution This symbol means *reader be careful*. In this situation, you might do something that could result in equipment damage. Refer to the product documentation for instructions.

Caution The battery pack is intended for use only with this device.

Caution Do not disassemble, crush, puncture, or incinerate the battery pack.

Caution To avoid risk of fire, burns, or damage to your battery pack, do not allow a metal object to touch the battery contacts.

Caution Handle a damaged or leaking battery with extreme care. If you come in contact with the electrolyte, wash the exposed area with soap and water. If the electrolyte has come in contact the eye, flush the eye with water for 15 minutes and seek medical attention.

Caution Do not charge the battery pack if the ambient temperature exceeds 104 degrees Fahrenheit (40 degrees Celsius).

Caution Do not expose the battery pack to high storage temperatures (above 140 degrees Fahrenheit, 60 degrees Celsius).

Caution When discarding a battery pack, contact your local waste disposal provider regarding local restrictions on the disposal or recycling of batteries.

Caution To obtain a replacement battery, contact your local dealer. Use only the batteries that have one of the following Cisco part numbers: CP-BATT-7920-STD (standard battery) or CP-BATT-7920-EXT (extended use battery).

Caution Use only the power supply that is provided by Cisco. The Cisco part numbers are: CP-PWR-7920-NA (for North America), CP-PWR-7920-CE (for Central Europe), CP-PWR-7920-UK (for United Kingdom), CP-PWR-7920-AU (for Australia), and CP-PWR-7920-JP (for Japan).

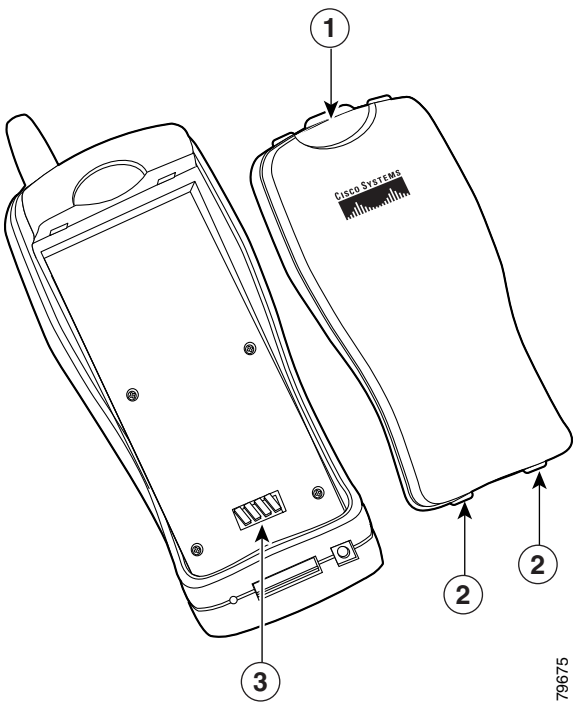
To see translations of the warnings that appear in this publication, refer to the *Regulatory Compliance and Safety Information for the Cisco Wireless IP Phone 7920* document that accompanied this product.

Installing and Removing the Battery

1. To install the battery, insert the two catches of the battery (as shown in Figure 2-1) in the corresponding slots near the bottom of the

Cisco Wireless IP Phone 7920. Make sure that the metal contacts on the battery and the phone are facing each other.

Figure 2-1 Installing and Removing the Battery



1	Locking catch. Press the catch to release the battery.
2	Catches to be inserted into the corresponding slots near the bottom of the Cisco Wireless IP Phone 7920 at battery installation.
3	Metal contacts.

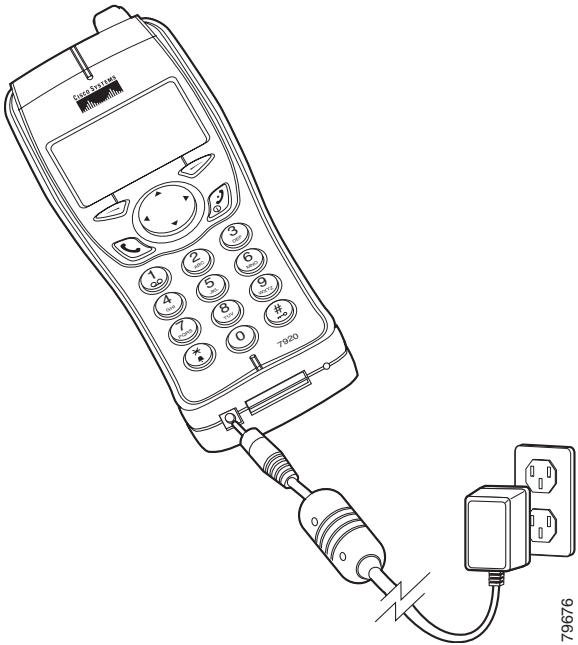
2. Press the battery to the body of the phone until it locks into place.
3. To remove the battery, press down on the locking catch of the battery. Then lift and remove the battery.

Charging the Phone and the Battery

The Cisco Wireless IP Phone 7920 is powered by a rechargeable battery. To charge the battery when it is installed in the phone, follow these steps:

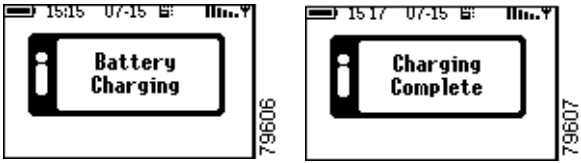
1. Connect the cable from the power supply to the base of the phone.
2. Connect the power supply to an AC wall outlet as shown in Figure 2-2.

Figure 2-2 Charging the Phone and the Battery



If the phone is turned off, the screen displays the message “Battery Charging.” When the battery is fully charged, the “Charging Complete” message is displayed, as shown in Figure 2-3.

Figure 2-3 Charging Battery Messages



If the phone is turned on, the battery indicator bar blinks, displaying the current power level. When the battery is fully charged, the battery indicator bar stops blinking.

3. When the battery is fully charged, disconnect the charger from the phone, and unplug the power cord from the AC wall outlet.

CHAPTER

3

Basic Phone Tasks

This chapter provides information about performing the following tasks:

- Dialing a Phone Number
- Redialing a Number
- Using Speed Dial
- Answering a Call
- Muting a Call

Dialing a Phone Number

1. In standby mode, enter the phone number by using the numerical keys. If you entered an incorrect number, press to delete it.
2. Press to connect your call.

Redialing a Number

1. In standby mode, press ◀ or ▶ until you see the Redial tab.
2. Press to make the call.

To redial a number from the list of placed calls:

1. In standby mode, press . The list of placed calls is displayed.
2. Scroll to the phone number you wish to dial, using ▲ or ▼. Press to make the call.

Note The list of previously placed calls contains 10 records.

Using Speed Dial

In standby mode, press and hold the Speed Dial hot key for the number you wish to call. The number will be dialed automatically.

Note For information about how to add, edit, or delete a Speed Dial hot key, see the "Configuring a Speed Dial Hot Key" section on page 41.

Answering a Call

To answer a call, press .

To reject a call, press .

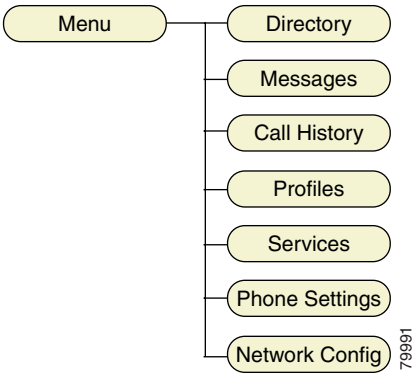
Muting a Call

1. During a call, press ◀ or ▶ until you see the MuteOn tab.
2. Press the soft key for the MuteOn tab to mute the call.
3. To cancel the mute, press the soft key for the MuteOff tab.

Using the Menus

The Cisco Wireless IP Phone 7920 provides a menu with seven submenus, as shown in Figure 3-1. The functions of the submenus are covered in the rest of this guide.

Figure 3-1 Menu Architecture



CHAPTER

4

Using Special Call Features

This chapter provides information about using special calling features of the Cisco Wireless IP Phone 7920.

Selecting a Phone Line

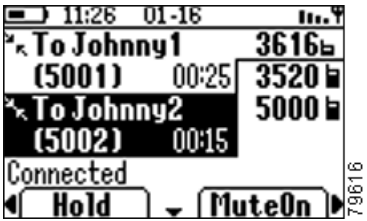
If more than one phone line is available for your phone, you can select a phone line by pressing ▲ or ▼ to switch to a different line displayed on the screen.

Tip Pressing ☎ automatically displays the Main screen, with the first phone line selected.

Switching Between Calls

Press ▲ or ▼ to switch between different calls that are displayed on the screen. See Figure 4-1.

Figure 4-1 Switching Between Calls



Placing a Call on Hold

1. When the line is connected, press ◀ or ▶ until you see the Hold tab.
2. Press ⊂ to place the call on hold.

Resuming a Held Call

When a call is placed on hold, the Hold tab is replaced by the Resume tab. Press ⊂ to resume a held call.

Parking a Call

1. During an active call, press ◀ or ▶ until you see the Park tab.
2. Press ⊂ to park a call.

The screen displays the call park number. If the screen does not display a call park number, then the call park feature is not available.

3. Make a note of the call park number. The call is parked at the call park number, enabling you to retrieve the call from another phone.
4. To retrieve the parked call from any phone in the Cisco CallManager system, simply dial the park number.

Note You have a limited amount of time to retrieve the parked call before it reverts to ringing at its original destination. See your system administrator to find out this time limit.

Making Conference Calls

Your Cisco Wireless IP Phone 7920 supports conference calls, enabling you to talk with multiple parties at the same time.

Setting Up a Conference Call

1. During a call, press ◀ or ▶ until you see the Confrn tab.
2. Press to automatically activate a new line and to put the first party on hold.

3. Place a call to another number or extension.
4. When the new call connects, press to add the additional party to the conference call.
5. Repeat Step 1 through Step 4 to add each party to the conference call.

Making Meet-Me Conference Calls

Your Cisco Wireless IP Phone 7920 supports Meet-Me conferences. A Meet-Me conference enables other callers to dial into the conference call. A Meet-Me conference requires a special conference number, which is preconfigured for this purpose by your system administrator.

Establishing a Meet-Me Conference

1. Contact your system administrator for the necessary Meet-Me conference number.
2. In standby mode, press ◀ or ▶ until you see the MeetMe tab.
3. Press .
4. Dial the Meet-Me conference number.

Connecting to a Meet-Me Conference Call

To join a Meet-Me conference call, dial the conference number provided by the conference initiator. You are connected to the conference once the conference initiator has dialed in and established the conference.

Note You do not need to press on your Cisco Wireless IP Phone 7920 to connect to a Meet-Me conference call that has been established.

Transferring a Call to Another Phone

1. During a call, press ◀ or ▶ until you see the Transfer tab.
2. Press the soft key for the Transfer tab, and then enter the phone number to which you wish to transfer. The system will initiate a call to the number you entered. The first call is held, and the initiated new call is connected when the called party picks up the phone.
3. Press the soft key for the Transfer tab again. The call will be transferred automatically.

Using Call Pickup

You can use the call pickup feature to answer an incoming call that is ringing on another phone that is connected to your phone system.

Using the Cisco Wireless IP Phone 7920, you can either pick up a call within your calling group or pick up a call outside your calling group. A *group* is any consolidation of Cisco IP Phone extensions, as defined by your system administrator.

Picking Up a Call Within Your Calling Group

1. Choose any available line on your phone.
2. Press ◀ or ▶ until you see the Pickup tab.
3. Press . Calls directed to the other phone extension will now ring on your phone.
4. Answer the incoming call.

Note If several calls come in when you activate call pickup, the first unanswered call will ring at your phone.

Picking Up a Call Outside Your Calling Group

1. Obtain the call pickup group number from the system administrator.
2. Choose any available line on your phone.
3. Press ◀ or ▶ until you see the GPickup tab.
4. Press .
5. Dial the call pickup group number.
6. Any call directed to the other calling group will now ring on your phone. Answer the incoming call.
7. To pick up a call for a different call pickup group number, hang up, and repeat Step 2 through Step 5.

Note If several calls are coming through when you activate the group call pickup, you will pick up the first unanswered call.

Using Shortcuts

The Cisco Wireless IP Phone 7920 provides the following shortcuts:

- Switching the Key Lock On and Off
- Setting Ring and Vibration Modes
- Checking Voice Mail

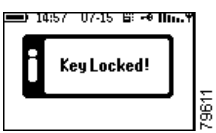
Switching the Key Lock On and Off

The key lock prevents keys from being accidentally pressed. Follow these steps to switch the key lock on and off:

1. In standby mode, press and hold the # key.

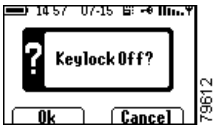
   The screen displays “Key Locked,” as shown in Figure 4-2. A key icon ( ) appears in the Main screen.

Figure 4-2 Key Locked



2. To switch off the key lock, press and hold the # key again. A prompt appears, as shown in Figure 4-3, which asks you to confirm that you want the key lock off.

Figure 4-3 Key Lock Off Confirm Message



3. Press to confirm the change.

   The screen displays “Keylock Off.” The key icon ( ) disappears from the Main screen.

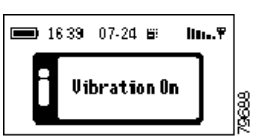
Setting Ring and Vibration Modes

The Cisco Wireless IP Phone 7920 is in ring mode by default. To set the phone to vibration mode, follow these steps:

1. In standby mode, press and hold the key.

   The screen displays “Vibration On.” The Cisco 7920 Wireless IP Phone will vibrate for 1 second. The icon appears in the Main screen.

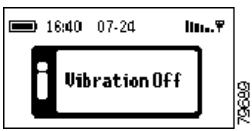
Figure 4-4 Vibration On Message



2. To switch back to the ring mode, press and hold the * key again.

   The screen displays “Vibration Off,” as shown in Figure 4-5. The icon disappears from the Main screen.

Figure 4-5 Vibration Off Message



Checking Voice Mail

In standby mode, press and hold 1. The phone is connected to the voice mailbox.

See also the “Playing Voice Messages” section on page 43.

CHAPTER

5

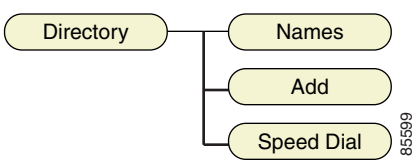
Advanced Features

The Cisco Wireless IP Phone 7920 offers directory features, voice messaging feature, and call history features that help you enter and access information.

Using the Directory Features

This section provides information about accessing the directory and using its features. Figure 5-1 shows the architecture of the Directory menu.

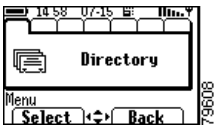
Figure 5-1 Directory Menu Architecture



Accessing the Directory Menu

1. In standby mode, press . The Directory menu is displayed, as shown in Figure 5-2.

Figure 5-2 Directory Menu



2. Press to access the Directory menu.

Browsing the Phone Record

You can browse your saved phone records either in standby mode or from the Directory menu.

In the standby mode, press . The list of entries is displayed. If there is no phone book entry, the message "Empty" is displayed.

To browse the saved phone records from the Directory menu, follow these steps:

1. In standby mode, press to display the menu set. Then press to access the Directory menu.
2. Press ▲ or ▼ to scroll to Names. Then press to select the Names list.

Checking Detailed Phone Record Information

1. Browse your saved phone records. (See the "Browsing the Phone Record" section on page 36.)
2. Press ▲ or ▼ to select the desired contact person.
3. Press to see the detailed phone entry information.

Dialing a Number from the Directory

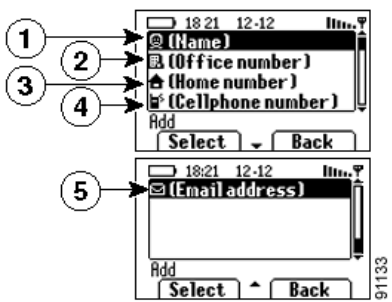
You can dial a number from the directory either by browsing the phone records by name or by scrolling within the phone records.

Dialing by Browsing Phone Records by Name

1. Browse the phone records by name.
2. Press ▲ or ▼ to scroll to the contact person.
3. Press to dial the number.

Note The Cisco Wireless IP Phone 7920 will search for and dial the first number available in the order of office number, home phone number, and cellular phone number in the contact information records shown in Figure 5-3.

Figure 5-3 Contact Information Record



1	Name
2	Office phone number
3	Home phone number
4	Cellular phone number
5	E-mail address

Dialing by Scrolling Within the Phone Record

1. Follow the steps given in the "Checking Detailed Phone Record Information" section on page 37.
2. Press ▲ or ▼ to scroll to the phone number you wish to dial.
3. Press to dial the call.

Editing Phone Records

See the "Entering and Editing Text" section on page 5.

Adding or Erasing a Phone Record

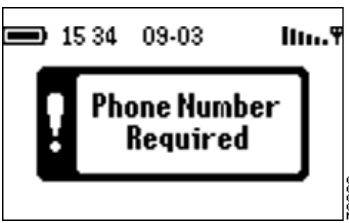
1. Follow the procedure in "Browsing the Phone Record" section on page 36." Then press ◀ to scroll to see other soft key functions.
2. Press to add a new phone entry.

   To add or edit a directory entry:

   a. Scroll to the desired detail information item. Then press to select the entry.
   b. Press when you have finished adding or editing an entry.
   c. Repeat this step for each item you wish to add or edit.
   d. Press to save the new entry.

Note A phone number is required for each phone book entry. The "Phone Number Required" message is displayed as shown in Figure 5-4 if there is no phone number entered.

Figure 5-4 Phone Number Required



3. Press to erase an entry.

   To erase a directory entry:

   a. Press ▲ or ▼ to scroll to the record you wish to erase. Then press ◀ or ▶ to view the available soft key functions until you see the Erase tab.

   b. Press to erase the entry.

   c. Press to confirm that you wish to erase a phone entry. Press to go back to the phone entry list.

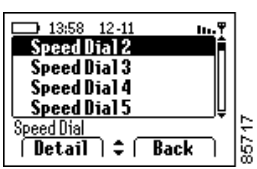
Editing a Phone Record Entry

1. Follow the steps in "Adding or Erasing a Phone Record" section on page 39. Then press .
2. Press ▲ or ▼ to scroll to the item you wish to edit. Then press to open the detailed information list.
3. Press to edit the item. After you have finished making the desired changes, press to return to the Edit list.
4. Repeat Step 2 to edit other items.
5. Press to save the changes.

Configuring a Speed Dial Hot Key

1. Open the Directory menu, and scroll down to SpeedDial. Press to open the Speed Dial menu, as shown in Figure 5-5.

Figure 5-5 Speed Dial Menu



Note A check mark before the Speed Dial hot key indicates that the hot key has been assigned a phone number.

2. Scroll up or down to choose the Speed Dial hot key that you wish to use. Then press .

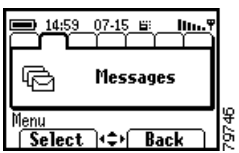
Note If the Speed Dial hot key you choose has been assigned a phone number, the number will be displayed.

3. Perform the following, as appropriate:
   - If the Speed Dial hot key has not been assigned a phone number, press to enter the phone number that you wish to assign to the Speed Dial hot key.
   - If the Speed Dial hot key has been assigned a number, you can press , and then press to edit or delete an existing phone number.
4. Press to confirm the change.
5. To activate the Speed Dial, press and hold the Speed Dial hot key.

Playing Voice Messages

1. In standby mode, press . Press ▶ once to display the Messages menu.
2. Press to enter the Messages menu, as shown in Figure 5-6.

Figure 5-6 Messages Menu

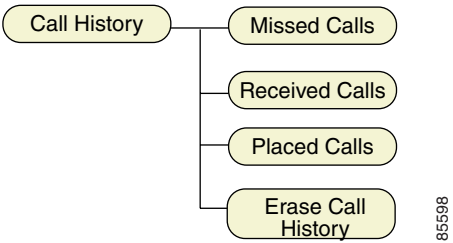


3. Press to connect to the voice mailbox.

Using the Call History

The Call History is a useful feature for checking missed calls, received calls, and placed calls. Figure 5-7 shows the architecture of the Call History menu.

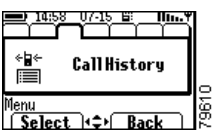
Figure 5-7 Call History Menu Architecture



Opening the Call History Menu

In standby mode, press . Then press ▶ until you see the Call History menu, as shown in Figure 5-8. Press to open the Call History menu.

Figure 5-8 Call History Menu



Missed Calls

You can check for missed calls and then edit and dial the phone numbers on the Missed Calls list.

Checking a Missed Call

1. Open the Call History menu. Scroll to Missed Calls, and then press .
2. Scroll to the missed call number that you wish to check, and then press .

   Detailed information about the missed call is displayed.

Editing and Dialing a Missed Call Number

1. Follow the steps in "Checking a Missed Call" section on page 45.
2. Press to edit the number, if necessary.
3. Press to dial the number.

Received Calls

You can check for calls that you received, and then edit and dial the phone numbers in the Received Calls list.

Checking a Received Call

1. Open the Call History menu. Scroll to Received Calls, and then press .
2. Scroll to highlight the received call number that you wish to check, and then press .

   Detailed information about the received call is displayed.

Editing and Dialing a Received Call Number

1. Follow the steps in "Checking a Received Call" section on page 46.
2. Press to edit the number, if necessary.
3. Press to dial the number.

Placed Calls

This section provides information on checking, editing, and dialing the phone numbers of placed calls.

Checking a Placed Call

1. Open the Call History menu. Scroll to Placed Calls, and then press .
2. Scroll to the placed call number that you wish to check, and then press .

   Detailed information about the placed call is displayed.

Editing and Dialing a Placed Call

1. Follow the steps in "Checking a Placed Call" section on page 47.
2. Press to edit the number, if necessary.
3. Press to dial the number.

Erasing the Entire Call History

1. Open the Call History menu. Scroll to Erase Call History, and then press .
2. Press to confirm that you wish to erase the entire call history. Or press to return to the Call History menu.

CHAPTER

6

Configuring Profiles and Phone Settings

This chapter provides information on using the Profiles and configuring your phone settings.

Default Settings for the Profiles

Table 6-1 lists the default settings for the normal, silent, meeting, and outdoor profiles.

Table 6-1 Default Settings for Profiles

Type of Settings	Profiles			
	Normal	**Silent**	**Meeting**	**Outdoor**
Ring Volume	3	0	1	6
Incoming Call Alert	On	Off	On	On
Vibrating Call Alert	Off	On	On	On
Keypad Tone	On	Off	On	On

Table 6-1 Default Settings for Profiles (continued)

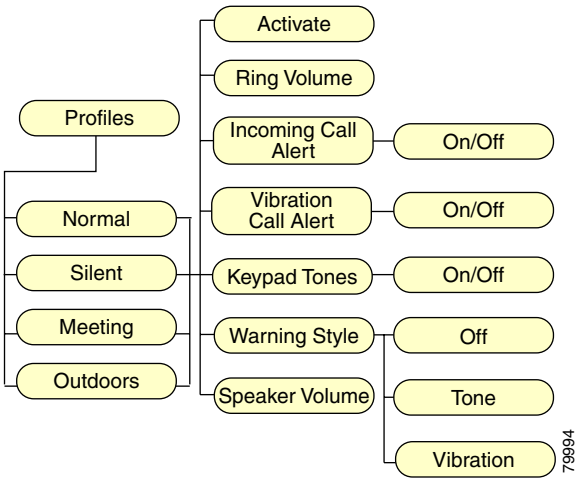
Type of Settings	Profiles			
	Normal	**Silent**	**Meeting**	**Outdoor**
Warning Tone	Tone	Vibrate	Vibrate	Vibrate
Speaker Volume	4	2	3	6

Using the Profiles

Selecting profile settings lets you set phone tones as desired. In the Profiles menu, you can easily edit the settings for the selected profile.

Figure 6-1 shows the architecture of the Profiles menu.

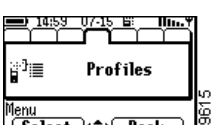
Figure 6-1 Profile Menu Architecture



Opening the Profiles Menu

In standby mode, press . Press ◀ or ▶ to switch to the Profiles menu, as shown in Figure 6-2. Then press to open the Profiles menu.

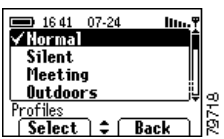
Figure 6-2 Profiles Menu



Activating a Profile

1. Open the Profiles menu. Press ▲ or ▼ to scroll to the desired profile setting. Then press ⊂ to access the option list for that profile, as shown in Figure 6-3.

Figure 6-3 Profile Option List



2. Scroll to Activate. Press ⊂ to activate the selected profile.

   A check mark appears before the activated profile.

Setting the Ring Volume for a Profile

1. Open the Profiles menu. Press ▲ or ▼ to scroll to the desired profile setting. Then press ⊂ to access the option list for that profile.
2. Scroll to Ring Volume. Then press ⊂.

3. Increase the volume by pressing ▶. Decrease the volume by pressing ◀.
4. Press to confirm the change.

Setting the Incoming Call Alert for a Profile

1. Open the Profiles menu. Press ▲ or ▼ to scroll to the desired profile setting. Then press to access the option list for that profile.
2. Scroll to Incoming Call Alert. Then press .
3. Scroll to Off to turn off the incoming call alert function. Scroll to On to turn on the incoming call alert function.
4. Press to confirm the change.

Setting the Vibrating Call Alert for a Profile

1. Open the Profiles menu. Press ▲ or ▼ to scroll to the desired profile setting. Then press to access the option list for that profile.
2. Scroll to Vibrating Call Alert, and then press .

3. Scroll to Off to turn off the vibrating call alert function. Scroll to On to turn on the vibrating call alert function.
4. Press to confirm the change.

Setting the Keypad Tone for a Profile

1. Open the Profiles menu. Press ▲ or ▼ to scroll to the desired profile setting. Then press to access the option list for that profile.
2. Scroll to Keypad Tone. Then press .
3. Scroll to Off to turn off the keypad tone function. Scroll to On to turn on the keypad tone function.
4. Press to confirm the change.

Setting the Warning Style for a Profile

1. Open the Profiles menu. Press ▲ or ▼ to scroll to the desired profile setting. Then press to enter the option list for that profile.
2. Scroll to Warning Style. Then press .

3. Scroll to one of the following:
   - Tone--The Cisco Wireless IP Phone 7920 makes a warning sound when sending warning messages.
   - Vibration--The Cisco Wireless IP Phone 7920 vibrates when sending warning messages.
   - Off--The Cisco Wireless IP Phone 7920 does not send any message.
4. Press .

   A check mark appears before the selected warning style.

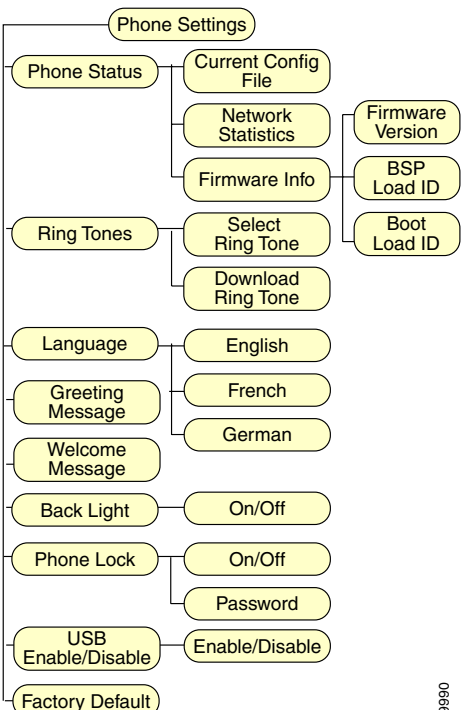
Setting the Speaker Volume for a Profile

1. Open the Profiles menu. Press ▲ or ▼ to scroll to the desired profile setting. Then press to enter the option list of that profile.
2. Scroll to Speaker Volume, and then press .
3. Increase the volume by pressing ▶. Decrease the volume by pressing ◀.
4. Press to confirm the change.

Configuring Phone Settings

This section provides instructions for viewing and configuring Cisco Wireless IP Phone 7920 settings by using the Phone Settings menu. Figure 6-4 shows the architecture of the Phone Settings menu.

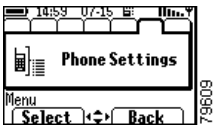
Figure 6-4 Phone Settings Menu Architecture



Opening the Phone Settings Menu

In standby mode, press . Press ◀ or ▶ to switch to the Phone Settings menu, as shown in Figure 6-5. Then press to open the Phone Settings menu.

Figure 6-5 Phone Settings Menu



Viewing the Phone Status

This section provides instructions for viewing the phone status.

Viewing the Current Config File

1. Open the Phone Settings menu. Scroll to Phone Status, and then press .
2. Scroll to Current Config File, and then press . The current configuration filename is displayed.

Viewing the Network Statistics

1. Open the Phone Settings menu. Scroll to Phone Status, and then press .
2. Scroll to Network Statistics, and then press .

   The Network Statistics information is displayed.

Viewing the Firmware Information

1. Open the Phone Settings menu. Scroll to Phone Status, and then press .
2. Scroll to Firmware Info. Then press . The current configuration filename is displayed.

Viewing the Firmware Version

1. Follow the steps in “Viewing the Firmware Information” section on page 58.
2. Press ▲ or ▼ to scroll to Firmware Version.
3. Press to view the Firmware Version information.

Viewing the Board Support Package Load ID

1. Follow the steps in "Viewing the Firmware Information" section on page 58.
2. Press ▲ or ▼ to scroll to Board Support Package (BSP) Load ID.
3. Press . The BSP Load ID is displayed.

Viewing the Boot Load ID

1. Follow the steps in the "Viewing the Firmware Information" section on page 58.
2. Press ▲ or ▼ to scroll to Boot Load ID.
3. Press . The Boot Load ID is displayed.

Setting the Ring Tones

1. Open the Phone Settings menu. Scroll to Ring Tones. Then press .
2. Press ▲ or ▼ to scroll to Select Ring Tone. Then press .
3. Two default ring tones and one user downloaded ring tone are available. Press ▲ or ▼ to scroll to the desired ring tone.
4. Press to select and play the ring tone.

Downloading the Ring Tones

1. Open the Phone Settings menu. Scroll to Ring Tones. Then press .
2. Press ▲ or ▼ to scroll to Download Ring Tone. Then press . The ring list downloaded from the Cisco CallManager appears. Contact your system administrator if the ring list does not appear.
3. Press ▲ or ▼ to scroll to the desired ring tone. Then press to select the desired ring tone.
4. Press ◀ or ▶ to view the available soft key functions until you see the Play tab.
5. Press to play the selected ring tone.

Note The Play ring tone function is deactivated during an active phone call. A "Function inactive during call" warning message box appears when you try to play the ring tone during an active call.

6. Press to cancel and return to the Phone Settings menu.

Setting the Phone Language

1. Open the Phone Settings menu. Scroll to Language. Then press .
2. Scroll to the desired language. Then press .

   A check mark appears before the language selected.

Setting the Greeting Message

1. Open the Phone Settings menu. Scroll to Greeting Message. Then press .
2. Press to enter or edit the greeting message content. Then press to confirm the change.
3. Press to return to the Phone Settings menu.

Note The maximum length of the greeting message is 15 characters.

Setting the Welcome Message

1. Open the Phone Settings menu. Scroll to Welcome Message, and then press .
2. Press to enter or edit the welcome message. Then press to confirm the change.
3. Press to return to the Phone Settings menu.

Note The maximum length of the welcome message is 10 characters.

Setting the Backlight On and Off

1. Open the Phone Settings menu. Scroll to Backlight, and then press .
2. Scroll to Off to turn off the backlight. Scroll to On to turn on the backlight.
3. Press to confirm the change.

Switching the Phone Lock On and Off

1. Open the Phone Settings menu, scroll to Phone Lock, and then press .
2. Scroll to On/Off, and press .

3. Scroll to Off to turn off the phone lock. Scroll to On to turn on the phone lock.
4. Press to confirm the change.

   A check mark appears next to the selected phone lock setting.

Setting the Password for the Phone Lock

1. Open the Phone Settings menu. Scroll to Phone Lock, and then press .
2. Scroll to Password, and press .
3. Press Edit to enter the phone lock password.
4. Press to confirm the change.

Note The maximum length of the phone lock password is 10 characters.

Enabling and Disabling the USB Port

You need to enable the USB port before using the Cisco 7920 Configuration Utility. The USB port is disabled by default.

Follow these steps to enable or disable the USB port:

1. Open the Phone Settings menu.
2. Press ▲ or ▼ to scroll to USB Enable/Disable. Press ⊂⊃.
3. Scroll to Enable to enable the USB. Scroll to Disable to disable the USB.

Restoring the Factory Default Settings

1. Open the Phone Settings menu. Scroll to Factory Default, and then press ⊂⊃. The “Restore to Default” message appears, as shown in Figure 6-6.

Figure 6-6 Restore to Default Message

2. Do one of the following:
   - Press to confirm that you wish to restore the factory default settings.

     The factory default settings will then be restored.
   - Press if you do not wish to restore the factory default settings.
3. The Cisco Wireless IP Phone 7920 automatically reboots when the factory default settings are restored.

Note When you choose the Factory Default option, all the settings in the Cisco Wireless IP Phone 7920 are restored to the original settings, including Speed Dial settings, Call History, and Profile settings. However, the data stored in the Directory will be preserved.

CHAPTER

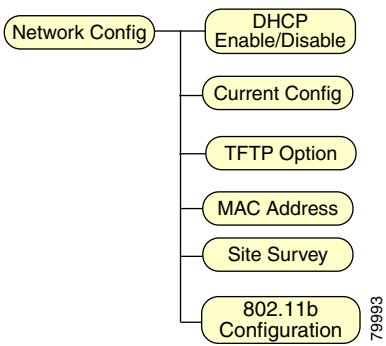
7

Network Configuration

This chapter provides information on using the Network Config menu to configure the Cisco Wireless IP Phone 7920.

Figure 7-1 shows the Network Config menu with the top-level options only.

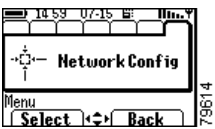
Figure 7-1 Network Config Menu With Top-Level Options



Opening the Network Config Menu

1. In standby mode, press .
2. Press ▶ until you see the Network Config menu shown in Figure 7-2. Press to open the Network Config menu.

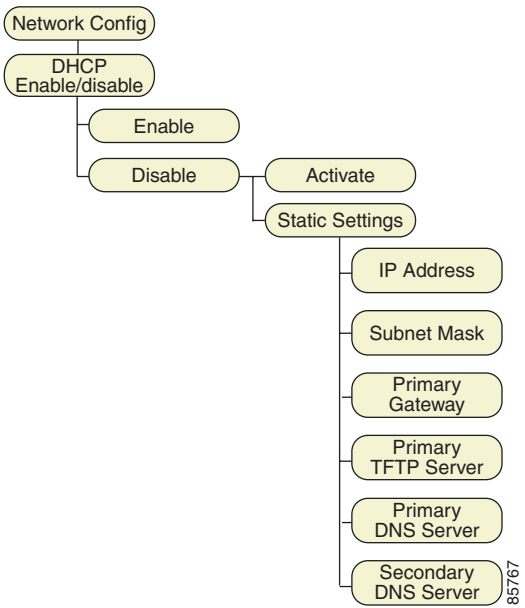
Figure 7-2 Network Config Menu



Setting Up the Dynamic Host Configuration Protocol Client

The Dynamic Host Configuration Protocol (DHCP) client provides a mechanism for allocating IP addresses dynamically so that addresses can be reused when hosts no longer need them. Figure 7-3 shows the details for the Network Config>DHCP Enable/Disable submenu.

Figure 7-3 Network Config Menu>DHCP Enable/Disable Submenu



To set up the DHCP client, follow these steps:

1. Open the Network Config menu.
2. Press ▲ or ▼ to scroll to DHCP Enable/Disable.
3. Press .

4. Do one of the following:
   - Scroll to Enable to enable the DHCP client.

     Press to confirm the change.

     A check mark appears next to the selected option.
   - Scroll to Disable to disable the DHCP client.

     Press to enter the Disable menu.

     a. Press ▲ or ▼ to scroll to Activate. Then press .

        A check mark appears next to the selected option.

     b. Press ▲ or ▼ to scroll to Static Settings. Then press to enter the Static Settings menu. See the "Performing Static Settings" section on page 70 for information about performing static settings.

Performing Static Settings

This section provides instructions for performing the static settings.

Setting IP Address

1. Follow Step 1 to Step 3 in "Setting Up the Dynamic Host Configuration Protocol Client" section on page 68.
2. Scroll to Disable to disable the DHCP client.
3. Press ▲ or ▼ to scroll to Static Settings. Then press to enter the Static Settings menu.
4. Press ▲ or ▼ to scroll to IP address. Then press .
5. Press to enter the edit mode. Use the numeric keys to enter the IP address. Press to delete the number last entered when editing.
6. Press when you have finished entering or editing the IP address.
7. Press to return to the Static Settings menu.

Setting IP Address for the Subnet Mask

1. Follow Step 1 to Step 3 in "Setting Up the Dynamic Host Configuration Protocol Client" section on page 68.
2. Scroll to Disable to disable the DHCP client.
3. Press ▲ or ▼ to scroll to Static Settings. Then press to enter the Static Settings menu.
4. Press ▲ or ▼ to scroll to Subnet Mask. Then press .

5. Press to enter the edit mode. Use the numeric keys to enter the IP address for the Subnet Mask. Press to delete the number last entered when editing.
6. Press when you have finished entering or editing the IP address for the Subnet Mask.
7. Press to return to the Static Settings menu.

Setting IP Address for the Primary Gateway

1. Follow Step 1 to Step 3 in the "Setting Up the Dynamic Host Configuration Protocol Client" section on page 68.
2. Scroll to Disable to disable the DHCP client.
3. Press ▲ or ▼ to scroll to Static Settings. Then press to enter the Static Settings menu.
4. Press ▲ or ▼ to scroll to Primary Gateway. Then press .
5. Press to enter the edit mode. Use the numeric keys to enter the IP address for the Primary Gateway. Press to delete the number last entered when editing.
6. Press when you have finished entering or editing the IP address for the Primary Gateway.
7. Press to return to the Static Settings menu.

Setting IP Address for the Primary TFTP Server

1. Follow Step 1 to Step 3 in the "Setting Up the Dynamic Host Configuration Protocol Client" section on page 68.
2. Scroll to Disable to disable the DHCP client.
3. Press ▲ or ▼ to scroll to Static Settings. Then press to enter the Static Settings menu.
4. Press ▲ or ▼ to scroll to Primary TFTP Server. Then press .
5. Press to enter the edit mode. Use the numeric keys to enter the IP address for the Primary TFTP Server. Press to delete the number last entered when editing.
6. Press when finished entering or editing the IP address for the Primary TFTP Server.
7. Press to return to the Static Settings menu.

Setting IP Address for the Primary DNS Server

1. Follow Step 1 to Step 3 in the "Setting Up the Dynamic Host Configuration Protocol Client" section on page 68.
2. Scroll to Disable to disable the DHCP client.
3. Press ▲ or ▼ to scroll to Static Settings. Then press to enter the Static Settings menu.
4. Press ▲ or ▼ to scroll to Primary DNS Server. Then press .

5. Press to enter the edit mode. Use the numeric keys to enter the IP address for the Primary DNS Server. Press to delete the number last entered when editing.
6. Press when you have finished entering or editing the IP address for the Primary DNS Server.
7. Press to return to the Static Settings menu.

Setting IP Address for the Secondary DNS Server

1. Follow Step 1 to Step 3 in the "Setting Up the Dynamic Host Configuration Protocol Client" section on page 68.
2. Scroll to Disable to disable the DHCP client.
3. Press ▲ or ▼ to scroll to Static Settings. Then press to enter the Static Settings menu.
4. Press ▲ or ▼ to scroll to Secondary DNS Server. Then press .
5. Press to enter the edit mode. Use the numeric keys to enter the IP address for the Secondary DNS Server. Press to delete the number last entered when editing.
6. Press when you have finished entering or editing the IP address for the Secondary DNS Server.
7. Press to return to the Static Settings menu.

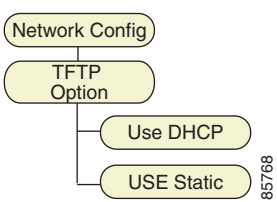
Viewing the Current Configuration

1. Open the Network Config menu.
2. Press ▲ or ▼ to scroll to Current Config.
3. Press ⟲.
4. Press ▲ or ▼ to view the various settings.

Choosing TFTP IP Address

In the TFTP Option submenu shown in Figure 7-4, you can choose to use the TFTP IP address obtained from the DHCP server or to use the TFTP IP address obtained from the static settings.

Figure 7-4 Network Config>TFTP Option Submenu



1. Open the Network Config menu.
2. Press ▲ or ▼ to scroll to TFTP Option.

3. Press .
4. Scroll to Use DHCP to use the TFTP IP address obtained from the DHCP server. Scroll to Use Static to use the TFTP IP address obtained from the static settings.

Viewing the Media Access Control Address

1. Open the Network Config menu.
2. Press ▲ or ▼ to scroll to MAC Address.
3. Press to view the MAC address.

Site Survey

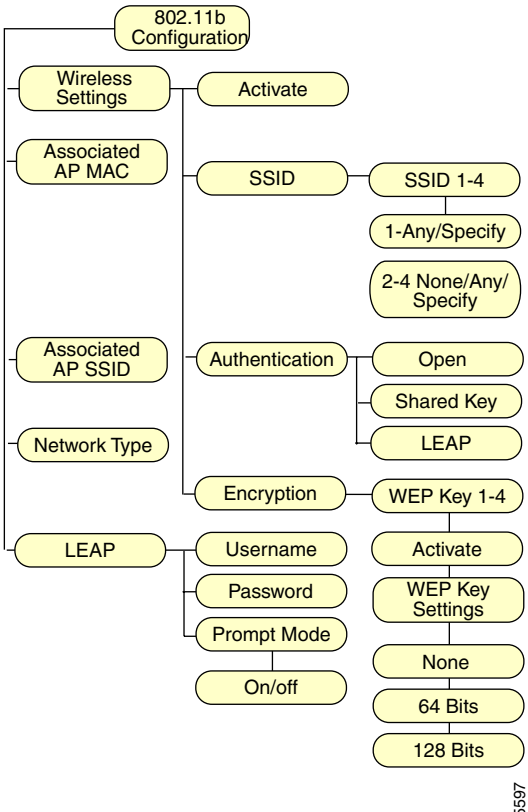
1. Open the Network Config menu.
2. Press ▲ or ▼ to scroll to Site Survey.
3. Press to open the Site Survey menu.
4. Press to see the details for each record.
5. Press to refresh the site survey information.
6. Press to return to the Site Survey menu.
7. Press again to return to the Network Config menu.

Performing the 802.11b Configuration

This section provides instructions for performing the 802.11b configuring using the 802.11b Configuration submenu.

Figure 7-5 shows the details for the Network Config>802.11b Configuration submenu.

Figure 7-5 802.11b Configuration Submenu Architecture



Opening the 802.11b Configuration Menu

1. Open the Network Config menu.
2. Press ▲ or ▼ to scroll to select 802.11b Configuration.
3. Press to enter the 802.11b Configuration menu.

Performing Wireless Settings

This section provides information about performing the following wireless settings:

- Activating the Wireless Settings
- Setting Up the Service Set Identifier
- Selecting the Authentication Type
- Setting Up the Wired Equivalent Privacy Keys

Activating the Wireless Settings

1. Open the 802.11b Configuration menu. Press ▲ or ▼ to scroll to Wireless Settings. Then press to enter the Wireless Settings menu.
2. Press ▲ or ▼ to scroll to Activate.
3. Press to activate the Wireless Settings including Service Set Identifier (SSID), selected authentication type, and Wired Equivalent Privacy (WEP) keys.

Setting Up the Service Set Identifier

A SSID is a unique identifier that Cisco Wireless IP Phone 7920s use to communicate with each other through one or more access points (APs). A valid SSID can have any value but cannot exceed 32 digits; the SSID for the phone should have the same value as the SSID of the associated AP. The same SSID can be shared by several APs on a network or subnetwork.

This section provides information about activating and setting up the SSID.

To set up SSID, follow these steps:

1. Open the 802.11b Configuration menu. Press ▲ or ▼ to scroll to Wireless Settings. Then press to enter the Wireless Settings menu.
2. Press ▲ or ▼ to scroll to SSID.
3. Press .
4. Press ▲ or ▼ to scroll to one of the four SSIDs, and then press .
5. Any and Specify are the two options for SSID1. None, Any, and Specify are the options for SSID2, SSID3, and SSID4.

   Do one of the following:

   - If you do not wish to use the selected SSID, chose None. Then press .
   - To use any of the Access Point in the environment, choose Any. Then press .
   - To use the user-specified SSID, choose Specify. Then press .

6. If there is an existing setting for the SSID that you selected, it will be displayed. Press to enter the edit mode to modify the SSID setting, or to enter an SSID setting if there is no setting for the selected SSID.
7. When editing, press to delete the last character entered.
8. Press when you have finished editing.

Note An "SSID Required!"message appears if you leave the SSID field blank when editing.

Selecting the Authentication Type

1. Open the 802.11b Configuration menu. Press ▲ or ▼ to scroll to Wireless Settings. Then press to enter the Wireless Settings menu.
2. Press ▲ or ▼ to scroll to Authentication.
3. Press to open the Authentication menu.

4. Press ▲ or ▼ to scroll to the desired authentication type.

Note This function is deactivated during an active phone call. A "Function inactive during call" warning message appears if you try to change the authentication type settings during an active phone call.

5. Press ⊖. A check appears before the selected authentication type.

Note You need to enable WEP key encryption before you choose the Shared Key authentication type. Otherwise, an "Enable WEP key first!" message appears.

Setting Up the Wired Equivalent Privacy Keys

The IEEE 802.11b standard attempts to provide "privacy of a wire" by means of an optional encryption scheme called *Wired Equivalent Privacy* (WEP).

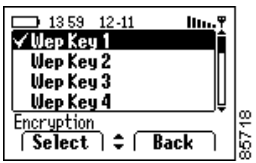
Both the Cisco Wireless IP Phone 7920 and Access Point support 40-bit and 128-bit keys.

This section provides information about activating and setting up the WEP keys.

Opening the Encryption Menu

1. Open the 802.11b Configuration menu. Press ▲ or ▼ to scroll to Wireless Settings. Then press to enter the Wireless Settings menu.
2. Press ▲ or ▼ to scroll to Encryption.
3. Press to open the Encryption menu, as shown in Figure 7-6.

Figure 7-6 Encryption Menu



Activating a WEP Key

1. Open the Encryption menu.
2. Press ▲ or ▼ to scroll to select the WEP key that you wish to activate.
3. Press .

4. Press ▲ or ▼ to scroll to Activate.

Note The Activate function is deactivated during an active phone call. A "Function inactive during call" warning message appears if you try to activate the WEP key settings during an active phone call.

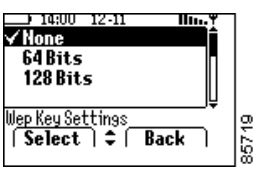
5. Press ⊂ to activate the selected WEP key.

   A check mark appears next to the activated WEP key.

Configuring a WEP Key

1. Open the Encryption menu.
2. Press ▲ or ▼ to scroll to the WEP key that you wish to configure.
3. Press ⊂.
4. Press ▲ or ▼ to scroll to WEP Key Settings.
5. Press ⊂ to open the WEP Key Settings menu, as shown in Figure 7-7.

Figure 7-7 WEP Key Settings Menu



6. Press ▲ or ▼ to scroll to None, 40 Bits, or 128 Bits. Then press .
7. When you select:
   - None--The WEP key function is disabled. A check mark appears next to None.
   - 40 Bits
     - Enter a 10 hexadecimal digit (0-9, A-F) password.
     - Press to delete the last character or number entered.
     - Press when you have finished entering or editing the password. A check mark appears next to 40 Bits.
   - 128 Bits
     - Enter a 26 hexadecimal digit (0-9, A-F) password.
     - Press to delete the last character or number entered.
     - Press when you have finished entering or editing the password. A check mark appears next to the 128 Bits.

Viewing the Associated Access Point MAC Address

1. Open the 802.11b Configuration menu.
2. Press ▲ or ▼ to scroll to Associated AP MAC.

3. Press . The Associated AP MAC address is displayed.
4. Press to return to the 802.11b Configuration menu.

Viewing the Associated AP SSID

1. Open the 802.11b Configuration menu.
2. Press ▲ or ▼ to scroll to Associated AP SSID.
3. Press . The Associated AP SSID is displayed.
4. Press to return to the 802.11b Configuration menu.

Viewing the Network Type

1. Open the 802.11b Configuration menu.
2. Press ▲ or ▼ to scroll to Network Type.
3. Press . The Network Type is displayed.
4. Press to return to the 802.11b Configuration menu.

Setting the Cisco Light Extensible Authentication Protocol

This section provides information for configuring the Cisco Light Extensible Authentication Protocol (LEAP).

Setting the LEAP Username

1. Open the 802.11b Configuration menu.
2. Press ▲ or ▼ to scroll to LEAP.
3. Press .
4. Press ▲ or ▼ to scroll to Username.
5. Press . The existing LEAP username is displayed.
6. Press to enter the edit mode. Press to delete the last character entered. Press to cancel editing.

Note The maximum length of the LEAP username entry is 32 characters.

7. Press to confirm the changes.
8. Press to return to the LEAP menu.

Setting the LEAP Password

1. Open the 802.11b Configuration menu.
2. Press ▲ or ▼ to scroll to LEAP.
3. Press ⊂⊃.
4. Press ▲ or ▼ to scroll to Password.
5. Press ⊂⊃.
6. Press ⊂⊃ to enter the edit mode. Press ⊂⊃ to delete the last character entered. Press ⊂⊃ to cancel editing.

Note The maximum length of the LEAP password entry is 32 characters.

7. Press ⊂⊃ to confirm the changes.
8. Press ⊂⊃ to return to the LEAP menu.

Switching the Prompt Mode On and Off

When the Prompt Mode is turned on, the phone displays a message requesting you to enter the LEAP username and password whenever you switch on the Cisco Wireless IP Phone 7920.

1. Open the 802.11b Configuration menu.
2. Press ▲ or ▼ to scroll to LEAP.
3. Press ⊂⊃.
4. Press ▲ or ▼ to scroll to Prompt Mode.

5. Press .
6. Scroll to Off to turn off the Prompt Mode. Scroll to On to turn on the Prompt Mode.
7. Press to confirm the change.

   A check mark appears next to the selected option.

APPENDIX

A

Menu Diagrams

Figure A-1 Cisco Wireless IP Phone 7920 Menu

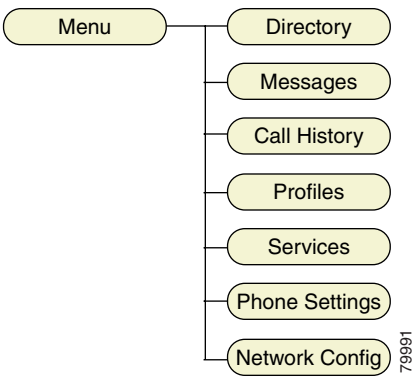


Figure A-2 Directory Menu

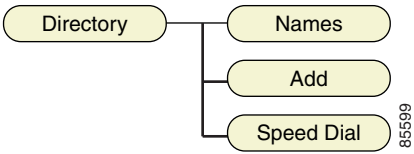


Figure A-3 Messages Menu

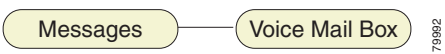


Figure A-4 Call History Menu

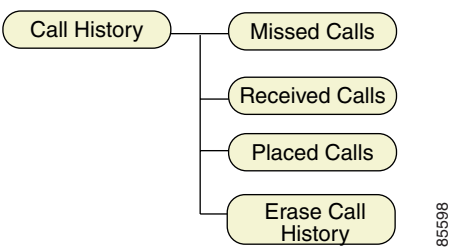


Figure A-5 Profiles Menu

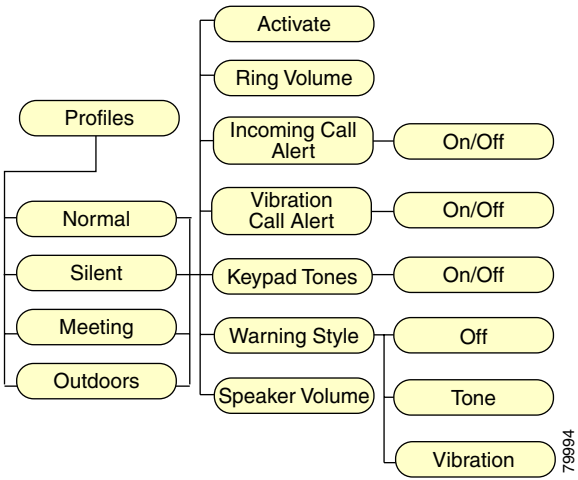


Figure A-6 Phone Settings Menu

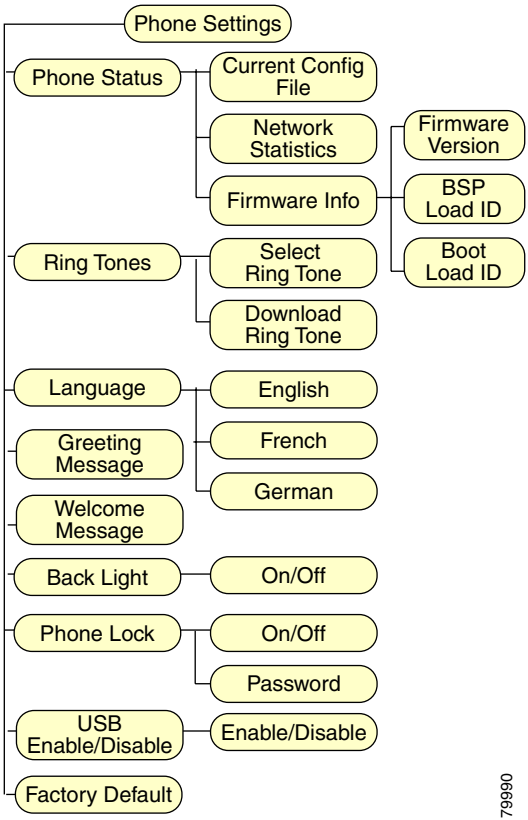


Figure A-7 Network Config Menu

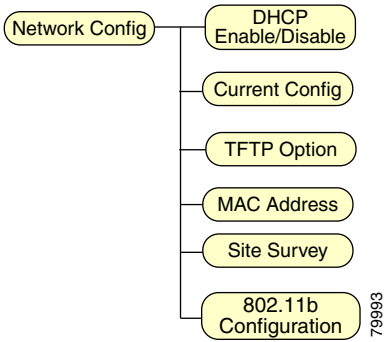


Figure A-8 Network Config Menu>TFTP Option Submenu

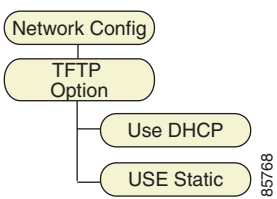


Figure A-9 Network Config Menu>DHCP Enable/Disable Submenu

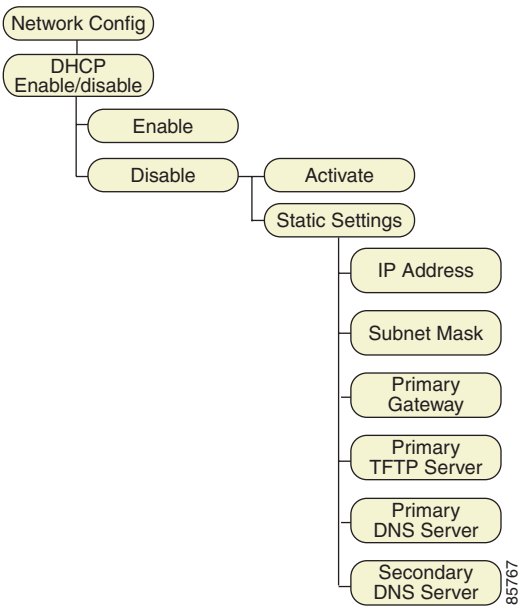
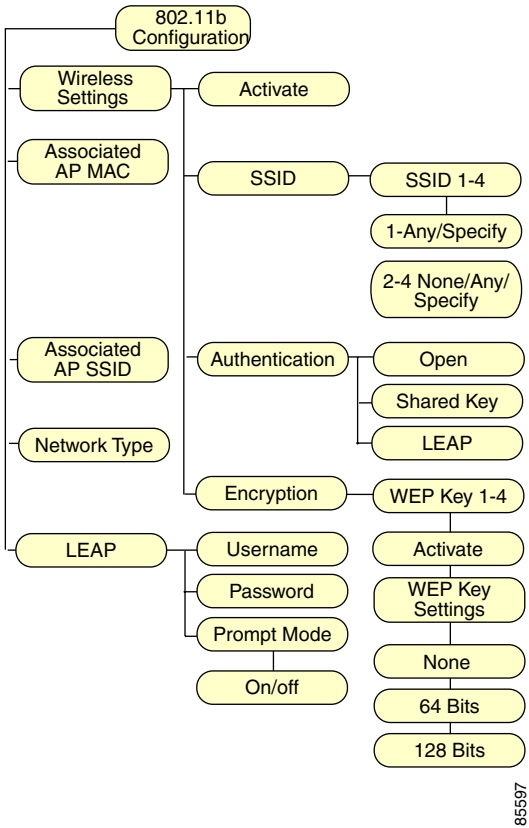


Figure A-10 802.11b Menu



APPENDIX

B

Display Messages

This appendix provides a list of messages that are displayed on the user interface of the Cisco Wireless IP Phone 7920, and contains the following sections:

- Informational Messages
- Error Messages
- Warning Messages

Informational Messages

Informational messages are displayed to inform you of an activity or process that is taking place on your phone, or of the status of the phone.

Authenticating with AP

The phone is authenticating with the access point (AP).

Authentication OK

The phone successfully authenticate with the AP.

Associating with AP

The phone finished the authentication and is associating with the AP.

Association OK

The phone has successfully associated with the AP.

Authenticating LEAP

If LEAP is activated, the phone will perform LEAP authentication after associated with the AP.

LEAP authentication OK

The phone has successfully performed the LEAP authentication on the AP.

Configuring IP network

The phone is obtaining the IP address from the DHCP server.

Downloading load ID

The phone is downloading the load ID from the TFTP server.

Downloading config file

The phone is downloading the configuration file from the TFTP server.

Updating firmware

The phone is downloading the firmware and updating the firmware on the phone. Do not turn off the phone until you see the "Phone Reset (Update OK)" message.

Connecting to CallManager

The phone is connecting to the Cisco CallManager.

Registering to CallManager

The phone is registering to the Cisco CallManager.

You have voice mail

You have a voice mail in your mailbox.

Error Messages

Error messages are displayed to let you know that an error has occurred. This error may prevent you from connecting to the network or from using the phone. You may need to contact the system administrator to resolve the problem.

Authentication failed

The phone failed to authenticate with the AP.

Association failed

The phone failed to associate with the AP.

LEAP authentication failed

The LEAP authentication on the phone has failed. Contact your system administrator.

Duplicate IP address

The current IP address on the phone is duplicated in the network. Contact your system administrator.

No service-IP config. failed

The phone failed to obtain the IP address from DHCP server.

No service-No TFTP server

The phone failed to find the TFTP server. Contact your system administrator.

No service-TFTP not responding

The TFTP server is not responding. Contact your system administrator.

No service-TFTP connection failed

The phone failed to connect to the TFTP server. Contact your system administrator.

CallManager Down

The Cisco CallManager is not functioning at this time. Contact your system administrator.

No CallManager found

The phone is not able to detect the Cisco CallManager in the network.

No AP found

The SSIDs set on the phone do not match any of the Service Set Identifiers (SSIDs) of the APs in the network.

No Network

The phone is not able to connect to the network. Contact your system administrator.

Warning Messages

Warning messages are displayed when the phone detects a condition that may disrupt your phone service.

Weak signal detected

The signal quality is low.

Battery Low

The battery energy level is low.

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