

XJ200 Wireless Handset

Version WT.00.02

User's Guide



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*XJ200 Wireless Handset
Version WT.00.02*

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1

Welcome

Overview

Congratulations on purchasing the XJ200 Wireless Handset!

The XJ200 IP phone enables users to place and receive phone calls via a wireless Voice-over-Internet Protocol (VoIP) connection. The phone can be used within the coverage of wireless access points (802.11b or 802.11g) and provides users with a cost-effective mobile communications solution.

This User's Guide will walk you through the process of setting up, configuring, and using your XJ200 phone.

Product Features

Designed for versatility and performance, the XJ200 phone provides the following features.

- ★ **Standards-based compatibility**—calls can be made through Wi-Fi gateways and access points that comply with either the 802.11b or 802.11g standard.
- ★ **WiFi flexibility**—you can use the XJ200 phone in corporate environments using wireless networks, residential settings where home WiFi is set up, or free public hotspots.
- ★ **Phone number options**—you can choose from a U.S. local, U.S. toll-free, or U.K. toll-free phone number, no matter where you reside globally.
- ★ **Feature-rich solution**—the XJ200 phone supports a wide range of features, including
 - Call Blocking
 - Call Forwarding
 - Call Return

- Caller ID
- Hold
- English or Spanish language selection
- VoiceMail
- ★ **Alphanumeric Input**—instead of pressing a key repeatedly to find the correct character (upper case, lower case, numeric, or symbol), you can now choose an input option (alpha – upper case, alpha – lower case, numeric, or symbol) from the directional keys.
- ★ **Shared Key**—in addition to the Open Key option, there is a Shared Key option for wireless configuration.
- ★ **Access Point (AP) Profiles**—you can store up to nine AP Profiles on your XJ200. These allow you to save the SSID, Channel, Rate, Authentication type, and entire WEP section.
- ★ **Auto-Connect**—when you power on the phone, it will automatically scan for the last SSID it connected with. If that one is not available, the phone will automatically scan for the next saved AP Profile saved on the phone. If no profiles are available, it will scan for and associate with the strongest available AP.

Package Contents

You should find the following contents in your XJ200 package:

- ★ XJ200 Wireless IP Phone
- ★ Standard battery
- ★ 110-240 Universal power charger
- ★ Euro plug adapter

If any of these items are missing or damaged, please contact your distributor or sales representative immediately.

Product Specifications

- ★ **Dimensions:** 5.0" (h) x 1.8" (w) x 0.8" (D)
- ★ **Weight:** Approximately 105g
- ★ **Battery Life:** 3.2 hour talk time, 21- to 22-hour standby
- ★ **Notification:** Ringer/Vibration
- ★ **Ports:** Earphone jack

System and Service Requirements

You will need the following items/services to use the XJ200 phone:

- ★ A broadband Internet connection (such as DSL, cable, or T1)
- ★ Access to an 802.11b or 802.11g wireless network
- ★ A valid account from your distributor
- ★ Most broadband Internet connections use dynamic IP addressing (DHCP), but if your WAN uses static IP addresses, you will also need the following information for the XJ200 Wireless Handset:
 - IP address
 - Netmask
 - Gateway address
 - DNS server address

This information is available from your broadband service provider or LAN administrator.

Product Support

There are several ways that you can contact XJ200 Product Support:

- **Via Email:** Refer to your Online Account Center.
- **Via Phone:** Dial **611** from your XJ200.
- **Via Regular Touch-Tone Phone (within the U.S.):** Call toll-free within the U.S. at 1-800-455-4185
- **Via Regular Touch-Tone Phone (outside the U.S.):** From anywhere in the world, call 1-614-219-5366.



IMPORTANT: In order for your XJ200 phone to be able to make and receive phone calls, you must first follow the setup instructions in Chapter 2 of this guide. Once you have completed the setup instructions, your phone will automatically pre-provision and be ready to make and receive calls.



NOTE: The LCD display may refer to the XJ200 phone as the "WLAN660-S".

About this Guide

This User's Guide, as well as the other instructional literature that accompanies the XJ200 phone, is intended for people who have a moderate degree of experience installing networking equipment such as routers, hubs, servers, and switches, and are familiar with basic wiring and cabling practices.





The table on the next page provides a brief overview of the main topics covered in this Guide.

FOR INFO ON...	GO TO...
Product features	Chapter 1, <i>Welcome</i>
System requirements	Chapter 1, <i>Welcome</i>
Using the Express Setup feature	Chapter 2, <i>Using Express Setup</i>
Setting Network Configuration options	Chapter 3, <i>Configuring the XJ200</i>
Configuring the Wireless settings	Chapter 3, <i>Configuring the XJ200</i>
Using WEP (Wired Equivalent Privacy)	Chapter 3, <i>Configuring the XJ200</i>
Creating Access Point (AP) Profiles	Chapter 3, <i>Configuring the XJ200</i>
Using VoiceLine with the XJ200 phone	Chapter 4, <i>Using the XJ200 with the VoiceLine Service</i>
Placing calls	Chapter 4, <i>Using the XJ200 with the VoiceLine Service</i>
Managing your VoiceLine account online	Chapter 4, <i>Using the XJ200 with the VoiceLine Service</i>
Using VoiceMail	Chapter 4, <i>Using the XJ200 with the VoiceLine Service</i>
Using the VoiceLine calling features	Chapter 4, <i>Using the XJ200 with the VoiceLine Service</i>
Installing, removing, and charging the battery	Chapter 5, <i>Learning the XJ200 Basics</i>

FOR INFO ON...	GO TO...
Locking the keypad	Chapter 5, <i>Learning the XJ200 Basics</i>
Changing phone features	Chapter 6, <i>Changing the XJ200 Phone Settings</i>
Troubleshooting	Chapter 7, <i>Troubleshooting</i>

Symbols

Throughout the user's guide, you will see information highlighted for you with the following fun symbol icons:

SYMBOL	REPRESENTS
	Chapter Description
	Note
	Tip
	Important

2 Using Express Setup

Overview

Before you can begin making and receiving calls, you must configure your phone with the proper settings that will allow the phone to communicate with your wireless network.

If your wireless network supports DHCP, **and** the SSID is broadcast-enabled, you can use the **Express Setup Instructions** below to configure your phone quickly and simply.

If your wireless network **either** does not support DHCP, **or** SSID is not broadcast enabled, skip to the setup checklist on page 10, and then continue to **Setup Overview** on page 11.

Express Setup Instructions

Power up your phone by pressing and holding the **Power** key (the silver key directly above the 3 key).

The LCD display lights up. The phone automatically scans for an access point and connects to the strongest AP.

To select a different AP, continue to the next section.

Auto-Scanning Access Points

1. Press the **Menu** key.
2. Scroll to **7. Wireless**, and press the **Select** key.
3. Scroll to **1. Site Survey**, and press the **Select** key.
The screen displays, "Searching WLAN AP." A list of available APs displays.
4. Highlight the AP to which you would like to connect, and press the **Select** key.
The screen displays, "Select OK" and returns to the menu.

5. Press the **Back** key twice to reboot the phone and connect it to the selected AP.

If your network uses WEP encryption, skip to the section entitled **Using WEP** on page 20, and complete the instructions for enabling WEP and configuring the WEP key.

Congratulations! You should now be able to place your first call on the XJ200.

3

Configuring the XJ200

Overview

If your wireless network does not meet the qualifications for Express Setup (either it does not support DHCP, or SSID is not broadcast enabled), fill out the **Network Information Checklist** on the following page with your network information, and refer to the checklist to complete the setup instructions that begin on page 11 in the **Setup Overview** section.

Entering Text on the XJ200

Some configuration steps will require you to enter text using the telephone keypad. The XJ200 allows you to select the type of character to enter (upper case letter, lower case letter, number, or symbol) by selecting a text input method option.

When entering text, press the up or down directional arrow keys to switch between text input methods (displayed at the bottom of the LCD as "Aa1@"). The highlighted character determines the active input method.

For example, if the upper case "A" is highlighted, pressing the keypad numbers will result in upper case letters displaying on the LCD. To enter lower-case letters, press the up or down directional arrow keys until the "a" is highlighted.

To enter a letter, press the number key that corresponds with the letter. You may have to press a key multiple times to display the desired letter.



TIP: If you make a mistake entering a character, press the Clear key.

Network Information Checklist

Network Settings

Does your network support DHCP? (Y or N):

If Yes, skip to the **Wireless Settings** section below. If No, complete the following:

- Static IP address:
- Subnet mask:
- Gateway:
- DNS servers:

Wireless Settings

SSID Settings

1. **SSID:** _____
2. **Broadcast Enabled? (Y or N):** _____

WEP Settings

1. **WEP Enabled? (Y or N):** _____

If No, you have completed the checklist. If Yes, complete the following:

- 128 or 40/64-bit?
- WEP key used? (1, 2, 3, or 4)
- WEP key in hexadecimal format (e.g., aaaaaaaaaa)

64-bit: _____

128-bit: _____

This guide will ask you to refer to the checklist you have just completed as you go through the setup process, which begins with **Setup Overview** on the next page.



NOTE: If the network you are connecting to has MAC address filtering, then you must have the phone MAC address added to the *Allow List* before the product will register. The MAC address can be found in the phone menu under *Menu>Information>MAC ID*.

Setup Overview

Before you can begin using the XJ200, you must first complete the following configuration procedures:

- * Network configuration
- * Wireless configuration
- * WEP setup (ONLY if your wireless network uses WEP encryption)



NOTE: Before it is configured, the phone display will say, "NET Fail!". This is normal and will be corrected once the configuration is complete.

Network Configuration

The first step in setting your XJ200 for use is to configure it with the appropriate settings for your network. There are two (2) available network configurations:

- * DHCP
- * Static IP

To determine which one you should use, refer to the **Network Settings** section of the checklist on page 10 of this Guide. If you indicated that your network supports DHCP (if you answered "Yes"), continue with the **Using DHCP** section below. If your network does not support DHCP, skip to the **Using a Static IP Address** section on the following page.

Using DHCP

The Dynamic Host Configuration Protocol (DHCP) client provides a mechanism for allocating IP address dynamically so that addresses can be reused when hosts no longer need them.

By default, the phone is configured to use DHCP, so if this is the mode you will be using, no further configuration is required. Skip to the **Wireless Configuration** section on page 15 in this Guide.

If you had originally set it to use a static IP address, you can re-define the DHCP setting by following the instructions on the next page.

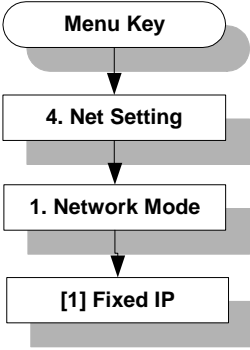
To configure the phone to use DHCP:

Keystrokes	Steps
Menu Key	1. Press the Menu key.
4. Net Setting	2. Scroll to 4. Net Setting , and press the Select key.
1. Network Mode	3. With 1. Network Mode highlighted, press the Select key.
[2] DHCP	4. Scroll to [2] DHCP , and press the Select key. <i>The screen displays, "Select OK" and returns to the menu.</i>
Back Key (Twice)	5. Press the Back key twice to save the setting and return to the main screen. <i>The phone loads the changes and initializes.</i>

You have successfully configured the phone to use DHCP. Proceed to the **Wireless Configuration** section on page 15 in this Guide.

Configuring the Phone to Use a Static IP Address


To configure the phone to use a static IP address:

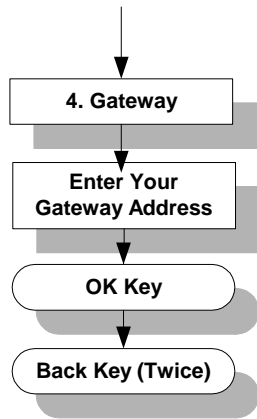
Keystrokes	Steps
 <pre> graph TD A(Menu Key) --> B(4. Net Setting) B --> C(1. Network Mode) C --> D([1] Fixed IP) </pre>	<ol style="list-style-type: none"> 1. Press the Menu key. 2. Scroll to 4. Net Setting, and press the Select key. 3. With 1. Network Mode highlighted, press the Select key. 4. Scroll to [1] Fixed IP, and press the Select key. <i>The screen displays, "Select OK" and returns to the menu.</i>

Configuring the Phone with the Local Static IP Information

This is the next step in configuring the phone to use a static IP address.

To configure the phone with local static IP information:

Keystrokes	Steps
4. Net Setting	1. Scroll to 2. IP Address , and press the Select key.
2. IP Address	2. Using the telephone keypad, enter your IP address in the following format: xxx.xxx.xxx.xxx.
Enter Your IP Address	 Use the star (*) key on the keypad to insert the dot/ period (.) character.
OK Key	3. When you are finished, press the OK key. <i>The screen displays, "Saved OK" and returns to the menu.</i>
3. Subnet Mask	4. Scroll to 3. Subnet Mask , and press the Select key.
Enter Your Subnet Mask	5. Using the telephone keypad, enter your subnet mask in the following format: xxx.xxx.xxx.xxx.
OK Key	6. When you are finished, press the OK key. <i>The screen displays, "Saved OK" and returns to the menu.</i>



7. Scroll to **4. Gateway**, and press the **Select** key.
8. Using the telephone keypad, enter your gateway address in the following format:
xxx.xxx.xxx.xxx.
9. When you are finished, press the **OK** key.
The screen displays, "Saved OK" and returns to the menu.
10. Press the **Back** key twice to save the settings and return to the main screen.
The screen displays, "Loading...", and then reboots.

You have successfully configured the phone to use a static IP address. Proceed to the **Wireless Configuration** section on the next page.

Wireless Configuration

The next step in setting up your XJ200 is to configure the proper wireless settings.

Choosing the SSID

There are two ways to select the SSID:

- ★ Auto-scan
- ★ Manual entry

To determine which method to use, refer to the **Wireless Settings** section of the checklist on page 10 of this Guide. If you indicated that the SSID is broadcast enabled (if you answered "Yes"), continue with the **Using Auto-Scanning** section below. If the SSID is not broadcast enabled, skip to the **Using Manual Entry** section on the following page.

Using Auto-Scanning


To choose the SSID via auto-scanning:

Keystrokes	Steps
<pre> graph TD A(Menu Key) --> B[7. Wireless] B --> C[1. Site Survey] C --> D[Select an AP] D --> E[Back Key (Twice)] </pre>	<ol style="list-style-type: none"> 1. Press the Menu key. 2. Scroll to 7. Wireless, and press the Select key. 3. Scroll to 1. Site Survey, and press the Select key. <i>The screen displays, "Searching WLAN AP." A list of available APs displays.</i> 4. Highlight the AP to which you would like to connect, and press the Select key. <i>The screen displays, "Select OK" and returns to the Wireless menu.</i> 5. Press the Back key twice to save the setting and return to the main screen. <i>The phone loads the changes and initializes.</i>

You have successfully chosen your SSID via auto-scanning. Proceed to the next section, **Setting the Network Mode, Channel, and Rate**, on page 18 in this Guide.

Using Manual Entry

To choose the SSID via manual entry:

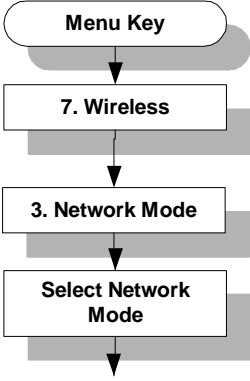
Keystrokes	Steps
Menu Key	1. Press the Menu key.
7. Wireless	2. Scroll to 7. Wireless , and press the Select key.
2. SSID	3. Scroll to 2. SSID , and press the Select key.
Clear Key (Repeat)	4. Press the Clear key until the existing entry is deleted.
Enter SSID Name	5. Using the telephone keypad, enter the SSID name.
OK Key	 Refer to the Entering Text on the XJ200 section on page 9 for details on entering text and numbers.
Back Key (Twice)	6. When you are finished, press the OK key. <i>The screen displays, "Saved OK" and returns to the Wireless menu.</i> 7. Press the Back key twice to save the setting and return to the main screen. <i>The phone loads the changes and initializes.</i>

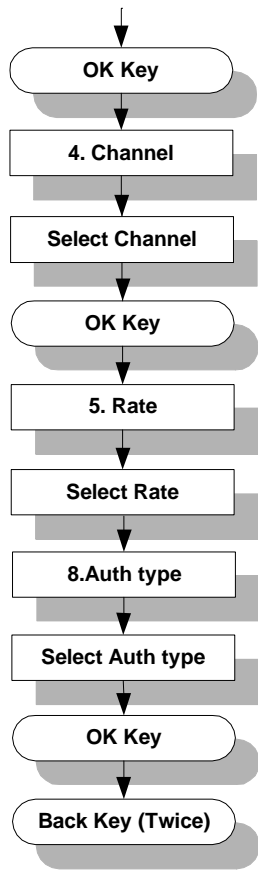
You have successfully chosen your SSID via manual entry. Proceed to the **Setting the Network Mode, Channel, and Rate** section on the next page.

Setting the Network Mode, Channel, Rate, and Authentication Type

(This section is generally unnecessary and for advanced users **only**, otherwise skip to the **Using WEP** section on page 20 in this Guide.

To set the network mode, channel, rate, and authentication type:

Keystrokes	Steps
 <pre>graph TD; A(Menu Key) --> B(7. Wireless); B --> C(3. Network Mode); C --> D(Select Network Mode);</pre>	<ol style="list-style-type: none">1. Press the Menu key.2. Scroll to 7. Wireless, and press the Select key.3. Scroll to 3. Network Mode, and press the Select key.4. Highlight the network mode you would like to use, and press the Select key. <i>The screen displays, "Select OK" and returns to the menu.</i>



5. Scroll to **4. Channel**, and press the **Select** key.
6. Highlight the channel you would like to use, and press the **Select** key. *The screen displays, "Select OK" and returns to the menu.*
7. Scroll to **5. Rate**, and press the **Select** key.
8. Highlight the rate you would like to use, and press the **Select** key. *The screen displays, "Select OK" and returns to the menu*
9. Scroll to **8.Auth type** and press the **Select** key.
10. Select the authentication type you would like to use, and press the **Select** key. *The screen displays "Select OK" and returns to the menu.*
11. Press the **Back** key twice to save the setting and return to the main screen. *The phone loads the changes and initializes.*

You have successfully set your network mode, channel, rate, and authentication type. Proceed to the **Using WEP** section on the next page. If you do not use WEP, you are now ready to make and receive calls with your phone!

Using WEP

This section explains how to perform the wireless configuration for the XJ200 using WEP, or Wired Equivalent Privacy. WEP is a security protocol for wireless local area networks (WLANs) defined in the 802.11b standard. This protocol encrypts data over radio waves so it is protected as it is transmitted from one point to another.

Refer to your checklist on page 10. If your wireless network does not use WEP (if you answered “no”), you are ready to make and receive calls!

If your wireless network is WEP enabled, complete the instructions below for enabling WEP and configuring the WEP key.

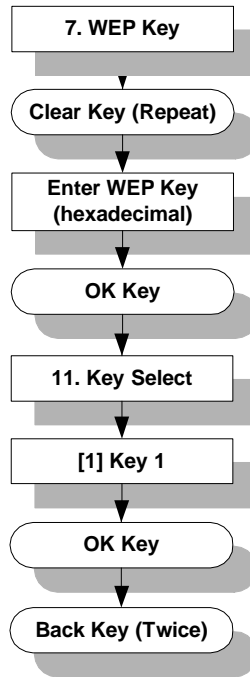



TIP: To configure the WEP Key via the Web Interface, refer to the **Configuring the WEP Key** section page 57 in this Guide.

Enabling WEP and Configuring the WEP Key

To turn on WEP and configure your WEP key:

Keystrokes	Steps
<pre> graph TD A(Menu Key) --> B(7. Wireless) B --> C(6. WEP Select) C --> D("[2] 64bit or [3] 128bit") </pre>	<ol style="list-style-type: none"> 1. Press the Menu key. 2. Scroll to 7. Wireless, and press the Select key. 3. Scroll to 6. WEP Select, and press the Select key. 4. Highlight your setting, either [2] 64bit or [3] 128bit, and press the Select key. <i>The screen displays, “Select OK” and returns to the menu.</i>



5. Scroll to the appropriate **WEP key** number, and press the **Select** key.
*The WEP key displays in masked format (i.e., "****") for your security.*
 6. Press the **Clear** key to delete all the characters.
 7. Using the telephone keypad, input your WEP key in the following format:
 - **For 64bit:** "xxxxxxxxxx"
 - **For 128bit:** "xxxxxxxxxxxxxxxxxxxxxxxx"
-  **Refer to the Entering Text on the XJ200 section on page 9 for details on entering text and numbers.**
8. When you are finished, press the **OK** key.
The screen returns to the menu.
 9. Scroll to **11. Key Select**, and press the **Select** key.
 10. Highlight the key you want to use, and press the **Select** key.
 11. When you are finished, press the **OK** key.
 12. Press the **Back** key twice to save the setting and return to the main screen.
The phone loads the changes and initializes.

Congratulations! You should now be able to place or receive your first call on the XJ200.

Access Point (AP) Profiles

Access Point (AP) profiles allow you to save the SSID, Channel, Rate, Authentication Type, and the entire WEP section. You can create and store up to nine profiles.

If the phone attempts to connect with an AP that is no longer available, it will then automatically scan for APs saved in your profile list, beginning with the first one. If none of those are available, it will scan for and associate with the strongest available AP.

Creating an AP Profile

To create an AP Profile:

Keystrokes	Steps
<pre> graph TD A(Menu Key) --> B(7. Wireless) B --> C(7. Profile) C --> D(1. Create) D --> E(Back Key (3 Times)) </pre>	<ol style="list-style-type: none"> Once you have set the applicable phone settings you would like to save in a profile, press the Menu key. Scroll to 7. Wireless, and press the Select key. Scroll to 7. Profile, and press the Select key. Highlight 1. Create from the Profile menu, and press the Select key. Select the memory location (from 1 to 9) in which you would like to store the profile, and then press the Select key. <i>The screen displays, "Select OK" and returns to the menu.</i> Press the Back key three times to save the setting. <i>The phone loads the changes and initializes.</i>



NOTE: The phone does not have to be connected to the access point in order to create a profile. You can manually enter the SSID, and WEP key, or scan, select, and save as a profile without connecting.

Activating an AP Profile

To activate an AP Profile:

Keystrokes	Steps
Menu Key	1. Select the Menu key.
7. Wireless	1. Scroll to 7. Wireless , and press the Select key.
7. Profile	2. Scroll to 7. Profile , and press the Select key.
2. Activate	3. Scroll to 2. Activate , and press the Select key.
OK Key	4. Scroll to the memory location (from 1 to 9) that contains the profile you would like to activate, and then press the Select key. <i>The screen displays, "Are you Sure?"</i>
	5. Select OK . <i>The phone loads the changes and initializes.</i>

Removing an AP Profile

To remove an AP Profile:

Keystrokes	Steps
<pre> graph TD A(Menu Key) --> B[7. Wireless] B --> C[7. Profile] C --> D[3. Remove] D --> E(OK Key) E --> F(Back Key (3 Times)) </pre>	<ol style="list-style-type: none"> 1. Select the Menu key. 2. Scroll to 7. Wireless, and press the Select key. 3. Scroll to 7. Profile, and. 4. Scroll to 3. Remove, and press the Select key. 5. Select the AP Profile you would like to remove, and then press the Select key. <i>The screen displays, "Select OK" and returns to the menu.</i> 6. Press the Back key three (3) times to save the setting and return to the main screen. <i>The phone loads the changes and initializes.</i>

4

Using the XJ200 with the VoiceLine Service

Overview

The VoiceLine service allows residential or small business customers to use their telephones and broadband Internet connections to make and receive phone calls, all for significant savings over PSTN (Public Switched Telephone Network) calls with traditional carriers. If you are located outside of the United States, you can establish a U.S. presence by setting up a US-based local or toll-free VoiceLine phone number that can be called by customers, co-workers, friends, and family within the U.S. As a VoiceLine customer, you can also use the service to place outbound calls to the U.S. and other international destinations on the same billing account.

In this chapter, you will learn about:

- ★ Placing calls with your VoiceLine service (within North America and to international destinations)
- ★ Using VoiceMail
- ★ Using VoiceLine Calling Features

Placing Calls

Once the XJ200 is properly configured, you will be able to place and receive calls.

Calling within North America

1. Using your telephone keypad, dial:
1 + the area code + the local phone number.

For example, if the area code is 212 and the local number is 555-6789, you would dial: **1 212 5556789.**
2. Press the **Talk** key to begin the call.
3. To put a caller on **Hold**, press the left soft key (I don't know how to change page numbers refer to illustration on page 36 for details), when you are ready to return to the call, simply press the left soft key once more.

Calling International Destinations

1. Using your telephone keypad, dial:
011 + the area code + the local phone number.

For example, if the area code is 212 and the local number is 555-6789, you would dial: **011 212 5556789.**
2. Press the **Talk** key to begin the call.

Managing Your VoiceLine Account Online

VoiceLine offers powerful tools to manage your account, including call history, billing history, personal profile, listening to voice mails, managing calling features, and more!

If you purchased VoiceLine through a local distributor, you can manage your account by logging into <https://www.myaccountcenter.net>.

If you purchased VoiceLine with your credit card directly from the Web site, please return to the Web site and access your account there.

Using VoiceMail

Recording a Personal Greeting

1. Press **123** followed by the **Talk** key on the telephone keypad.
You will be connected to the VoiceMail system.
2. Press **2** on the telephone keypad to administer your mailbox.
3. Press **1** on the telephone keypad to administer your personal greeting.
4. Press **2** on the telephone keypad to change your greeting.
You will be prompted to record your greeting.
5. Press **1** on the telephone keypad to listen to your personal greeting.

Key	Action
1	Listen to your greeting.
2	Change your greeting.
3	Accept and activate your greeting.
4	Delete your greeting and activate the default greeting.
*	Return to main menu.
#	Return to previous menu.

6. When you are satisfied with your greeting, press **3** to accept and activate your greeting.
You will hear the message, "Your personal greeting has been activated."



IMPORTANT: You must accept and activate your personal greeting in order for it to be saved. If you record a greeting and hang up before accepting and activating it, it will be deleted and the previous greeting will be used.

Listening to Your Messages from Your VoiceLine-Connected Telephone

1. Press **123#** followed by the **Talk** key on the telephone keypad.
You will be connected to the VoiceMail system.
2. Press **1** on the telephone keypad to hear your messages.
The system will announce how many new and saved messages you have in your mailbox. If you have messages, you will hear the date and time each message was left.
3. Follow the prompts to listen to, save, and/or delete your messages.
4. When you are done listening to your messages, press the **end** button.

Listening to Messages from any Touch-Tone Phone

To access your VoiceMail messages from a regular touch-tone telephone, find the appropriate access number in the **VoiceMail Access Numbers** table below and follow these instructions:

1. Using any regular touch-tone telephone, pick up the telephone handset and dial the appropriate VoiceMail access number (see table above).
The VoiceMail system greeting plays.
2. When prompted, enter your account number and PIN.
You will be connected to the VoiceMail system.

3. Follow the prompts to listen to, save, and/or delete your messages.
4. When you are done listening to your messages, hang up the telephone.

VOICEMAIL ACCESS NUMBERS		
State	City/Area	Number
California	Los Angeles	213-233-3535
	San Diego	619-819-2828
Florida	Miami	786-866-6464
	Orlando	407-209-3131
Illinois	Chicago	312-924-0900
New Jersey	Jersey City	201-716-2121
	Newark	973-854-2828
New York	New York	646-432-4444
Pennsylvania	Philadelphia	215-825-7575
	Pittsburgh	412-894-8080

Using VoiceLine Calling Features

VOICELINE CALLER ID
With VoiceLine Caller ID, you will see the identity of the party calling you displayed on the LCD screen of your wireless phone.

The table below contains the activation/deactivation codes for some popular VoiceLine calling features.

VOICELINE CALLING FEATURE DIAL CODES		
Feature	Action	Dial Code
Account Balance Announcement	Play the account balance before all calls.	*02
	Don't play the account balance before all calls.	*03
Call Blocking	SELECTIVE CALL ACCEPTANCE: Receive only those calls from telephone numbers that appear on your pre-defined acceptance list.	*64
	Deactivate feature and receive all calls.	*84
	SELECTIVE CALL REJECTION: Block only those calls from telephone numbers that appear on your pre-defined rejection list.	*60
	Deactivate feature and receive all calls.	*80
	ANONYMOUS CALL REJECTION: Block all calls whose telephone numbers are hidden due to the caller purposely blocking that information.	*77
	Deactivate feature and receive all calls.	*87

VOICELINE CALLING FEATURE DIAL CODES		
Feature	Action	Dial Code
Call Forwarding (All Calls/ Unconditional)	Send all calls to a pre-defined destination #.	*72
	Send all calls to VoiceMail.	*72123
	Send all calls to a destination #.	*72 [phone #]
	Deactivate feature & receive all calls.	*73
Call Return	Call the last person who called you.	*69
Redial	Call the last number you dialed.	*66
VoiceMail	Access the VoiceMail system to record a greeting or hear your messages.	123#



NOTE: When you forward calls, the inbound and outbound calls are priced according to your calling plan.

5

Learning the XJ200 Basics

Overview

In this chapter, you will learn how to:

- ★ Install and remove the battery
- ★ Charge the phone
- ★ Use the XJ200 keypad
- ★ Turn the phone on and off
- ★ Lock and unlock the keys
- ★ Adjust the speaker volume

Please review these sections before proceeding to Chapter 4 to configure the phone.

Installing and Removing the Battery

Installing the Battery

1. With the phone display facedown, press the button in the center of the back of the phone while pushing the battery cover down and away from the button.
2. With the battery label facing towards you, align the three metal contacts at the bottom of the battery with the three corresponding contacts in the lower left-hand corner of the phone's battery compartment, and press the battery down into place.
3. Slide the battery cover onto the back of the phone until it snaps into place.

Removing the Battery

1. If the phone is on, turn off the power.
2. With the phone display facedown, press the button in the center of the back of the phone while pushing the battery cover down and away from the button.
3. Pull the battery up to remove it.

Charging the XJ200

Before using the XJ200 for the first time, you must charge it for five (5) hours.

To determine the charge level of the phone, check the battery-strength indicator on the upper-right corner of the LCD. When the battery has all three (3) rectangles filled in, the phone is fully charged.

To charge the XJ200:

1. Remove the rubber cover over the charging port on the bottom of the XJ200.

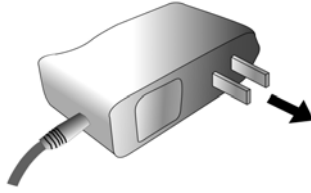


Bottom of XJ200 with Cover On



Bottom of XJ200 with Cover Off

2. Plug the charger into a standard wall outlet.



Plugging in the Charger

3. Connect the charger to the charging port on the bottom of the device.
The OK button lights up while the XJ200 is charging.



NOTE: If the XJ200 is on while you are charging, the battery strength indicator on the right side of the display will scroll to indicate that it is charging.

4. When the **OK** button shuts off, the battery is fully charged. Remove the phone from the charger.



NOTE: If the XJ200 is on while you are charging, the battery strength indicator on the right side of the display will stop scrolling to indicate that it is fully charged.

Using the XJ200 Keypad

The image below illustrates the XJ200 phone and its features.



The table on the following page describes each key and how it is used.

XJ200 WIRELESS IP PHONE KEYS	
Key	Description
Soft Key 1	<p>This key is used for making selections on the bottom left-hand side of the phone LCD, such as:</p> <ul style="list-style-type: none"> ◆ Menu ◆ Select ◆ OK, etc. <p>Its current function is indicated by the word appearing above the key.</p>
Soft Key 2	<p>This key is used for making selections on the bottom right-hand side of the phone LCD, such as:</p> <ul style="list-style-type: none"> ◆ Names ◆ Back ◆ Clear, etc. <p>Its current function is indicated by the word appearing above the key.</p>
Arrow Keys	Use the arrow keys to navigate through your phone's menus and submenus, as well as your Phone Book.
OK Key	Use this key to select the highlighted menu option. Also, when the LCD displays the main screen (with the battery strength indicator), press this key to access the main menu.
Talk Key	Use this key to answer a call or make a call.

XJ200 WIRELESS IP PHONE KEYS	
Key	Description
End Key/Power Key	Use this key to end a call, reject a call or return to Standby mode. Press and hold this key for two seconds to power the phone on or off.
Numerical Keys	Use for entering numbers or characters, or as Speed Dial hot keys.



TIP: When you are using the telephone keypad to enter a value and you decide to cancel the action, press the End key. The previous menu will display and any changes you made will not be saved.

Turning the Phone On and Off

To turn the phone on, press and hold the **End** key for approximately two (2) seconds. The XJ200 will automatically scan for the last SSID it connected with. If that one is not available, the phone will automatically scan for the next saved AP profile saved on the phone. If none of those are available, it will scan for and associate with the strongest available AP. The phone will then enter “standby” mode, as displayed in the figure below.

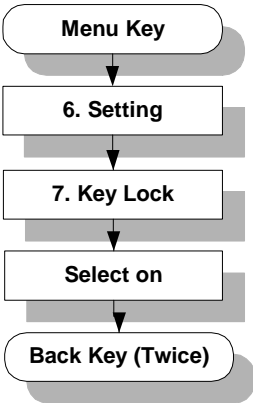
Initializing....
>>Please Wait!<<

  12:00 
XJ200-user
Not Registered
Menu Names

Standby Mode

Locking and Unlocking the Keys

The default setting for Key Lock is **Off**. You can enable the key lock feature by doing the following:

Keystrokes	Steps
 <pre> graph TD A(Menu Key) --> B(6. Setting) B --> C(7. Key Lock) C --> D(Select on) D --> E(Back Key Twice) </pre>	<ol style="list-style-type: none"> 1. Press the Menu key. 2. Scroll to 6. Setting, and press the Select key. 3. Scroll to 7. Key Lock, and press the Select key. 4. Scroll to the On setting, and press the Select key. <i>The screen displays, "Select OK" and returns to the menu.</i> 5. Press the Back key twice to save the setting and return to the main screen. <i>The screen displays, "Loading..." and then returns to the main screen.</i>

To manually lock or unlock the keys, press the pound (#) key for 2 seconds.



Keypad Locked



Keypad Unlocked

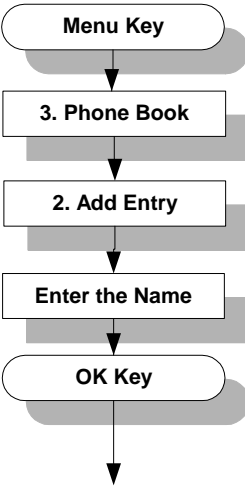
Adjusting the Speaker Volume

To increase volume while speaking during a phone call, press the key with two (2) arrows pointing up on side of phone. To decrease volume, press the key with two (2) arrows pointing down.

Adding a Phone Book Entry

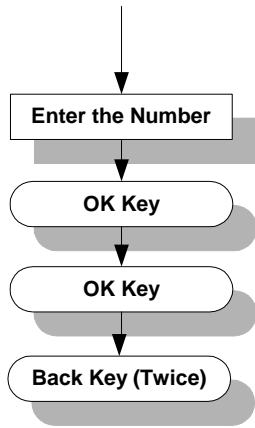
The phone book allows you to store names and phone numbers so you can dial quickly and easily.

To add a phone book entry from the phone:

Keystrokes	Steps
 <pre> graph TD A(Menu Key) --> B(3. Phone Book) B --> C(2. Add Entry) C --> D(Enter the Name) D --> E(OK Key) E --> F[] </pre>	<ol style="list-style-type: none"> 1. Press the Menu key. 2. Scroll to 3. Phone Book, and press the Select key. 3. Scroll to 2. Add Entry, and press the Select key. <i>The screen displays, "Display Name."</i> 4. Using the number buttons on the keypad, enter the name associated with the phone number you would like to store. Use the left or right arrow keys to change cases or enter numbers or symbols. 5. When you are finished, press the Ok key. <i>The screen displays, "User Info."</i>

Keystrokes

Steps



6. Using the number buttons on the keypad, enter the phone number you would like to store.
7. When you are finished, press the **Ok** key.
The screen displays, "IP."
8. Press the **Ok** key.
The screen displays, "Saved OK" and returns to the Phone Book menu.
9. Press the **Back** key twice to save the setting and return to the main screen.



TIP: For instructions on entering a phone book entry via the Web interface, go to page 52 in this Guide.

6

Changing the XJ200 Phone Settings

Overview

In this chapter, you will learn how to access the Settings menu to change the following features:

- ★ Ring melody
- ★ Vibrator mode
- ★ Ring volume
- ★ Time format (12-hour or 24-hour)
- ★ Time
- ★ Key lock

The Setting menu also allows you to reload the phone's factory default settings.

Setting the Ring Melody

To set the ring melody that plays when you receive a call:

Keystrokes	Steps
<pre> graph TD A(Menu Key) --> B[6. Setting] B --> C[1. Melody] C --> D[Select the Melody] D --> E[Back Key (Twice)] </pre>	<ol style="list-style-type: none"> 1. Press the Menu key. 2. Scroll to 6. Setting, and press the Select key. 3. Scroll to 1. Melody, and press the Select key. 4. Scroll to the melody you would like to hear when you receive an incoming call, and press the Select key. <i>The screen displays, "Select OK" and returns to the Setting menu.</i> 5. Press the Back key twice to save the setting and return to the main screen. <i>The phone loads the changes and initializes.</i>

Setting the Vibrator Mode

Enabling the Vibrate Only Feature

To enable the Vibrate Only feature for all incoming calls:

Keystrokes	Steps
<pre> graph TD A(Menu Key) --> B[6. Setting] B --> C[2. Vibrator] C --> D[Vibrate Only] D --> E[Back Key (Twice)] </pre>	<ol style="list-style-type: none"> 1. Press the Menu key. 2. Scroll to 6. Setting, and press the Select key. 3. Scroll to 2. Vibrator, and press the Select key. 4. Scroll to the Vibrate Only option, and press the Select key. <i>The screen displays, "Select OK" and returns to the Setting menu.</i> 5. Press the Back key twice to save the setting and return to the main screen. <i>The phone loads the changes and initializes.</i>



NOTE: To disable the vibrating feature for all incoming calls, simply repeat the steps above, but select the Off option in step 4.

Enabling the Vibrate Then Ring Feature

To enable the Vibrate then ring feature for all incoming calls:

Keystrokes	Steps
<pre> graph TD A(Menu Key) --> B[6. Setting] B --> C[2. Vibrator] C --> D[Vibrate then ring] D --> E[Back Key (Twice)] </pre>	<ol style="list-style-type: none"> 1. Press the Menu key. 2. Scroll to 6. Setting, and press the Select key. 3. Scroll to 2. Vibrator, and press the Select key. 4. Scroll to the Vibrate then ring option, and press the Select key. <i>The screen displays, "Select OK" and returns to the Setting menu.</i> 5. Press the Back key twice to save the setting and return to the main screen. <i>The phone loads the changes and initializes.</i>

Enabling the Vibrate and Ring Feature

To enable the Vibrate and ring feature for all incoming calls:

Keystrokes	Steps
<pre> graph TD A(Menu Key) --> B[6. Setting] B --> C[2. Vibrator] C --> D[Vibrate and ring] D --> E[Back Key (Twice)] </pre>	<ol style="list-style-type: none"> 1. Press the Menu key. 2. Scroll to 6. Setting, and press the Select key. 3. Scroll to 2. Vibrator, and press the Select key. 4. Scroll to the Vibrate and ring option, and press the Select key. <i>The screen displays, "Select OK" and returns to the Setting menu.</i> 5. Press the Back key twice to save the setting and return to the main screen. <i>The phone loads the changes and initializes.</i>

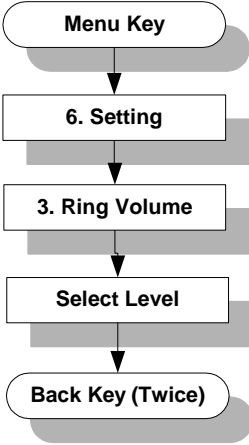
Enabling the Ring Only Feature

To enable the Ring only feature for all incoming calls:

Keystrokes	Steps
<pre> graph TD A(Menu Key) --> B[6. Setting] B --> C[2. Vibrator] C --> D[Ring Only] D --> E[Back Key (Twice)] </pre>	<ol style="list-style-type: none"> 1. Press the Menu key. 2. Scroll to 6. Setting, and press the Select key. 3. Scroll to 2. Vibrator, and press the Select key. 4. Scroll to the Ring only option, and press the Select key. <i>The screen displays, "Select OK" and returns to the Setting menu.</i> 5. Press the Back key twice to save the setting and return to the main screen. <i>The phone loads the changes and initializes.</i>

Adjusting the Ring Volume

To adjust the ring volume:

Keystrokes	Steps
	<ol style="list-style-type: none">1. Press the Menu key.2. Scroll to 6. Setting, and press the Select key.3. Scroll to 3. Ring Volume, and press the Select key.4. Use the left or right arrow keys to set the desired ring volume when you receive an incoming call, and press the Select key. <i>The screen displays, "Saved OK" and returns to the Setting menu.</i>5. Press the Back key twice to return to the main screen. <i>The phone loads the changes and initializes.</i>

Setting the Time Format

You can elect to have the time display in 12-hour or 24-hour (e.g., 2pm is 14:00) format. The default is 24-hour format.

To change the time format to 12-hour:

Keystrokes	Steps
<pre> graph TD A(Menu Key) --> B[6. Setting] B --> C[4. Time Format] C --> D[Select 12H] D --> E[Back Key (Twice)] </pre>	<ol style="list-style-type: none"> 1. Press the Menu key. 2. Scroll to 6. Setting, and press the Select key. 3. Scroll to 4. Time Format, and press the Select key. 4. Scroll to the time format you would like to use, and press the Select key. <i>The screen displays, "Select OK" and returns to the Setting menu.</i> 5. Press the Back key twice to return to the main screen. <i>The phone loads the changes and initializes.</i>

Setting the Time

To set the time that appears on the phone display:

Keystrokes	Steps
<pre> graph TD A(Menu Key) --> B[6. Setting] B --> C[5. Time Edit] C --> D[Enter the Time] D --> E[OK Key] E --> F[Back Key (Twice)] </pre>	<ol style="list-style-type: none"> 1. Press the Menu key. 2. Scroll to 6. Setting, and press the Select key. 3. Scroll to 5. Time Edit, and press the Select key. 4. Using the left and right arrow buttons on the keypad, move the blinking cursor to the left of the first digit in the time. 5. Using the number keys on the telephone keypad, enter the time that you would like displayed on the phone. Be sure to enter a zero before single-digit times (i.e., 04:37). 6. When you are finished, press the Ok key. <i>The screen displays, "Saved OK" and returns to the Setting menu.</i> 7. Press the Back key twice to return to the main screen. <i>The phone loads the changes and initializes.</i>

7

Using the Web Interface

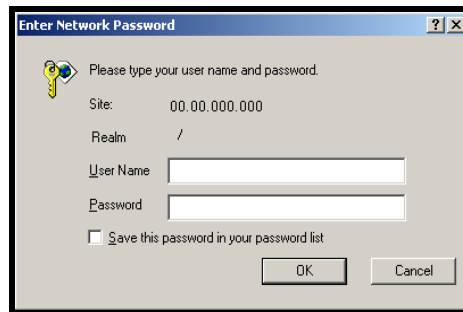
Overview

The XJ200 Web interface allows you to save phone book entries, set a static IP address, and configure your WEP encryption key.

Logging into the Web Interface

1. Obtain the phone's IP address.
 - Press the **Menu** key.
 - With **1. Information** highlighted, press the **Select** key.
 - Scroll to **2. IP Address**, and press the **Select** key.
2. Open a Web browser window, and enter the XJ200's IP address into the **Address** text box.
3. Click the **Go** button, or press the **Enter** key on your keyboard.

The login pop-up displays.



Web Interface Login Pop-Up

4. In the **User Name** field, enter **admin**.
5. In the **Password** field, enter **n2p**.
6. Click the **OK** button.
The Device Information page displays.



Device Information Page

Using the Phone Book

The phone book allows you to store names and phone numbers so you can dial quickly and easily. When you save a name & number on the Web interface, the phone synchronizes its phone book automatically.

To add a phone book entry:

1. Access the Web Interface as instructed on page 51 in this Guide.
2. Click the **Phone Book** link at the bottom of the page.
The Phone Book page displays.

The screenshot shows a web interface for a WLAN660-S VOIP IPPHONE. The page is divided into two main sections: 'Add New Entry' and 'Phone Book'. The 'Add New Entry' section has three input fields: 'Display Name', 'User Info', and 'Destination'. The 'Destination' field has two radio buttons: 'Use Proxy' (selected) and 'Use IP Address'. There is an 'Add' button to the right of the 'Destination' field. The 'Phone Book' section has a table with three columns: 'Display Name', 'User Info', and 'Destination'. Below the table is a 'CLEAR' button. At the bottom of the page, there are several navigation links: 'RESTART', 'Information', 'Network', 'SIP Proxy', 'SAVE', 'Phone Book', 'Wireless', 'System', and 'Update SW'.

Phone Book Page

3. In the **Display Name** field, enter the name of the person you would like to add to your phone book.
4. In the **User Info** field, enter the phone number of the person you would like to add to your phone book.
5. Click the **Add** button.
The phone book entry displays in the Phone Book section.

WLAN660-S VOIP IPPHONE

Add New Entry

Display Name.	User Info.	Destination
<input type="text"/>	<input type="text"/>	<input type="text"/>

Use Proxy
 Use IP Address

Phone Book

Display Name.	User Info.	Destination
Andrea	1732558888	Use Proxy

Push Button To Clear Phone Book

[Information](#) [Network](#) [SIP Proxy](#)

[Phone Book](#) [Wireless](#) [System](#) [Update S/W](#)

Phone Book Page With Entry

To edit a phone book entry:

1. On the Phone Book page, click the **Edit** button that corresponds with the phone book entry you would like to change.
The entry displays in the Add New Entry section.
2. Change the name and/or phone number, and then click the **Add** button.
The modified entry displays in the Phone Book section.

To delete a phone book entry:

1. On the Phone Book page, click the **Delete** button that corresponds with the phone book entry you would like to remove.
The phone number is deleted.

Setting a Static IP Address

By default, the XJ200 uses DHCP addressing. If you would like to use a static IP address, you can do so via the Network Configuration page.

To set the XJ200 to use a static IP address:

1. Access the Web Interface as instructed on page 51 in this Guide.
2. Click the **Network** link at the bottom of the page. *The Network Configuration page displays.*

The screenshot shows the 'Network Configuration' page for a 'WLAN660-S VOIP IPPHONE'. At the top, there are three buttons: 'STATIC', 'DHCP', and 'PPPoE'. Below these are several configuration fields:

Get IP Address	STATIC	DHCP	PPPoE
NetWork IP	00.00.000.000		
NetWork Subnet Mask	255.255.255.0		
NetWork Default Gateway	00.00.000.000		
MAC ID	000000000000		
DNS Server IP	<input type="text"/>		
Second DNS Server IP	<input type="text"/>		

At the bottom of the form area are 'SUBMIT' and 'CANCEL' buttons. At the very bottom of the page are 'RESTART' and 'SAVE' buttons, along with a navigation menu: 'Information', 'Network', 'SIP Proxy', 'Phone Book', 'Wireless', 'System', and 'Update SW'.

Network Configuration Page

3. Click the **STATIC** button. *All field values except the MAC ID become editable.*

Network Configuration	
Get IP Address	<input type="radio"/> STATIC <input type="radio"/> DHCP <input type="radio"/> PPPoE
NetWork IP	<input type="text" value="00.00.000.000"/>
NetWork Subnet Mask	<input type="text" value="255.255.255.0"/>
NetWork Default Gateway	<input type="text" value="00.00.000.000"/>
MAC ID	<input type="text" value="000a9090cf11"/>
DNS Server IP	<input type="text" value="00.000.00.0"/>
Second DNS Server IP	<input type="text" value="000.00.00.0"/>

[Information](#) [Network](#) [SIP Proxy](#)
[Phone Book](#) [Wireless System](#) [Update SAW](#)

Network Configuration Page – Static IP

4. In the **Network IP** field, enter the static IP address.
5. In the **Network Subnet Mask** field, enter the subnet mask address.
6. In the **Network Default Gateway** field, enter the gateway address.
7. Click the **Submit** button to save your changes.



NOTE: If you do not know your Network IP, Network Subnet Mask, or Network Default Gateway addresses, contact your Administrator.

Configuring the WEP Key

The WEP protocol encrypts data over radio waves so it is protected as it is transmitted from one point to another. To find out the WEP key you will use for your XJ200, contact your Administrator.

To configure the WEP key:

1. Access the Web Interface as instructed on page 51 in this Guide.
2. Click the **Wireless** link at the bottom of the page. *The Wireless Setting page displays.*
3. Click the **WEP** drop-down menu, and select **68bits** or **128bits**.
4. Click the **Submit** button to save your changes.

8

Troubleshooting

Display Messages

This section describes the messages that appear on the XJ200 LCD display. There are two types of messages:

- ★ Error messages
- ★ Warning messages

Error Messages

Error messages are displayed to alert you that an error has occurred. These messages may prevent you from connecting to the network or from using the phone. If one of these messages displays on your phone's LCD, contact your system administrator to resolve the problem.



Error 1: No AP Found (📶 blinking)

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



Error 2: Net Fail! (DHCP)

The phone failed to obtain the IP address from the DHCP server or it is using the wrong Wireless WEP key.



Error 3: Registering to SIP Proxy Failed

The phone failed to register with the SIP proxy. This could be a WEP key or SIP proxy setting error. Please contact your service provider.

Warning Messages

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



Warning 1: No Display

1. The battery will be charged automatically after 10 seconds when it runs out of power.
2. The device is powered off.



Warning 2: Battery Low (☐ blinking)

The battery charge level is low. To correct the problem, recharge the battery.



Warning 3: Weak Signal Detected (📶 blinking)

The signal quality is low.

To correct the problem, connect to another AP or move your phone closer to the AP. There may be too much radio interference (for example, a microwave or another AP using the same channel) around your wireless network. Relocate or reduce the radio interference.

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