

XJ100 Wireless Handset Version W1.00.0B

User's Guide



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*XJ100 Wireless Handset
Version W1.00.0B*

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1

Welcome

Overview

Congratulations on purchasing the XJ100 Wireless Handset!

The XJ100 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 XJ100 phone.

Product Features

Designed for versatility and performance, the XJ100 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 XJ100 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 XJ100 phone supports a wide range of features, including
 - Call Blocking
 - Call Forwarding
 - Call Return
 - Caller ID

- English or Spanish language selection
- VoiceMail

Package Contents

You should find the following contents in your XJ100 package:

- ★ XJ100 Wireless IP Phone
- ★ Standard battery
- ★ Power charger
- ★ Power supply (AC adapter)
- ★ Phone back clasp

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

Product Specifications

- ★ **Dimensions:** 5.5" (h) x 1.9" (w) x 0.8" (D)
- ★ **Weight:** Approximately 111g
- ★ **Battery Life:** 3.2 hour talk time, 21- to 23-hour standby
- ★ **Notification:** Ringer/Vibration
- ★ **Ports:** Earphone jack

System and Service Requirements

You will need the following items/services to use the XJ100 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 XJ100 Wireless Handset:
 - IP address
 - Netmask

- Gateway address
- DNS server address

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

Product Support

Please direct all support inquiries and feedback directly to resellersupport@net2phone.com with "XJ100" in the subject title.



IMPORTANT: In order for your XJ100 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: This Guide may refer to the XJ100 phone as the "WLAN600-S" on the phone's LCD display.

About this Guide

This User's Guide, as well as the other instructional literature that accompanies the XJ100 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 below 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 XJ100</i>
Configuring the Wireless settings	Chapter 3, <i>Configuring the XJ100</i>
Using WEP (Wired Equivalent Privacy)	Chapter 3, <i>Configuring the XJ100</i>
Using VoiceLine with the XJ100 phone	Chapter 4, <i>Using the XJ100 with the VoiceLine Service</i>
Placing calls	Chapter 4, <i>Using the XJ100 with the VoiceLine Service</i>
Managing your VoiceLine account online	Chapter 4, <i>Using the XJ100 with the VoiceLine Service</i>
Using VoiceMail	Chapter 4, <i>Using the XJ100 with the VoiceLine Service</i>

FOR INFO ON...	GO TO...
Using the VoiceLine calling features	Chapter 4, <i>Using the XJ100 with the VoiceLine Service</i>
Installing, removing, and charging the battery	Chapter 5, <i>Learning the XJ100 Basics</i>
Locking the keypad	Chapter 5, <i>Learning the XJ100 Basics</i>
Changing phone features	Chapter 6, <i>Changing the XJ100 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 ESSID 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** ESSID is not broadcast enabled, skip to the setup checklist on page 3, and then continue to **Setup Overview** on page 4.

Express Setup Instructions

Power up your phone and follow the instructions below.

Auto-Scan for your ESSID

1. Press the **Menu** key.
2. Scroll to **7. Wireless**, and press the **Select** key.
3. Scroll to **1. Scan**, 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 save the setting and return to the main screen.

If your network uses WEP encryption, skip to the section entitled **Using WEP** on page 10, 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 XJ100.

3

Configuring the XJ100

Overview

If your wireless network does not meet the qualifications for Express Setup (either it does not support DHCP, or ESSID 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.

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

ESSID Settings

1. ESSID: _____
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., aa:aa:aa:aa:aa)

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.

Setup Overview

Before you can begin using the XJ100, 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 XJ100 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 3 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 7 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. Highlight [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 screen displays the following messages:</i> <ul style="list-style-type: none"> ▪ "Loading..." ▪ "Initializing...Please Wait!" ▪ "Try to Get IP from DHCP Server" ▪ "Success Get IP from DHCP Server"

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:

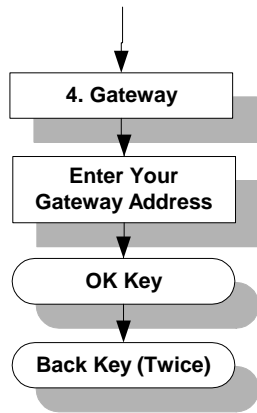
Keystrokes	Steps
Menu Key	1. Press the Menu key.
4. Net Setting	2. Scroll to 4. Net Setting , and press the Select key.
1. Network Mode	3. With 1. Network Mode highlighted, press the Select key.
[1] Fixed IP	4. Highlight [1] Fixed IP , and press the Select key. <i>The screen displays, "Select OK" and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

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
Menu Key	1. Press the Menu key.
4. Net Setting	2. Scroll to 4. Net Setting , and press the Select key.
2. IP Address	3. Scroll to 2. IP Address , and press the Select key.
Enter Your IP Address	4. Using the telephone keypad, enter your IP address in the following format: xxx.xxx.xxx.xxx.
OK Key	 TIP: Use the star (*) key on the keypad to insert the dot/period (.) character.
3. Subnet Mask	5. When you are finished, press the OK key. <i>The screen displays, "Select OK" and returns to the menu.</i>
Enter Your Subnet Mask	6. Scroll to 3. Subnet Mask , and press the Select key.
OK Key	7. Using the telephone keypad, enter your subnet mask in the following format: xxx.xxx.xxx.xxx.
OK Key	8. When you are finished, press the OK key. <i>The screen displays, "Select OK" and returns to the menu.</i>



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

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 XJ100 is to configure the proper wireless settings.

Choosing the ESSID

There are two ways to select the ESSID:

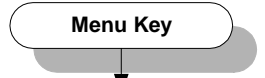
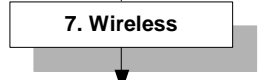
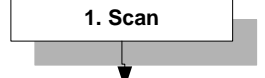
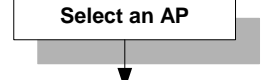
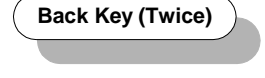
- ★ Auto-scan
- ★ Manual entry

To determine which method to use, refer to the **Wireless Settings** section of the checklist on page 3 of this Guide. If you indicated that the ESSID is broadcast enabled (if you answered "Yes"), continue with the **Using Auto-Scanning**

section below. If the ESSID is not broadcast enabled, skip to the **Using Manual Entry** section on the following page.

Using Auto-Scanning

To choose the ESSID via auto-scanning:

Keystrokes	Steps
	1. Press the Menu key.
	2. Scroll to 7. Wireless , and press the Select key.
	3. Scroll to 1. Scan , 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 screen displays the following messages:</i> <ul style="list-style-type: none"> ▪ "Loading..." ▪ "Initializing...Please Wait!" ▪ "Try to Get IP from DHCP Server" ▪ "Success Get IP from DHCP Server"

You have successfully chosen your ESSID via auto-scanning. Proceed to the next section, **Setting the Network Mode, Channel, and Rate**, on page 9 in this Guide.

Using Manual Entry

To choose the ESSID 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. ESSID	3. Scroll to 1. Scan , and press the Select key. <i>The screen displays, "Searching WLAN AP." A list of available APs displays.</i>
Clear Key (Repeat)	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>
Enter ESSID Name	5. Press the Back key twice to save the setting and return to the main screen. <i>The screen displays the following messages:</i>
OK Key	<ul style="list-style-type: none"> ▪ "Loading..." ▪ "Initializing...Please Wait!" ▪ "Try to Get IP from DHCP Server" ▪ "Success Get IP from DHCP Server"
Back Key (Twice)	

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



TIP: To enter letters, use the number keys that correspond with the letter. For example, if you need to enter a “B,” you would press the 2 key twice.

To enter numbers, press the number keys until the numbers display. For example, if you need to enter a “2,” you would press the 2 key 7 times.

Use the pound (#) key on the telephone keypad to insert the colon (:) character.

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

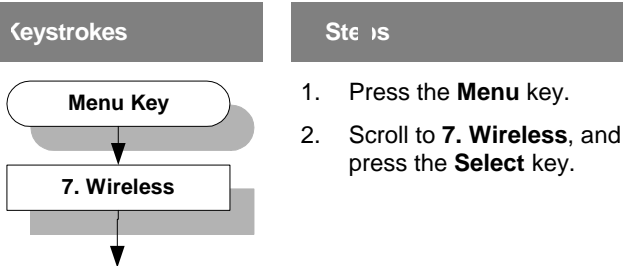


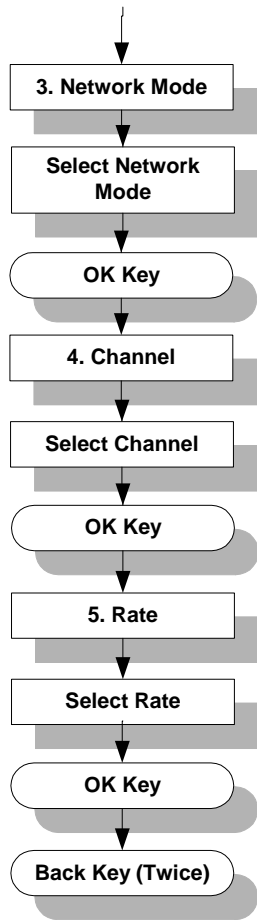
NOTE: The text entries are case insensitive, so you can use capital letters or lower-case letters.

Setting the Network Mode, Channel, and Rate

(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, and rate:





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.
The screen displays, "Select OK" and returns to the menu.
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. Press the **Back** key twice to save the setting and return to the main screen.
The screen displays the following messages:
 - "Loading..."
 - "Initializing...Please Wait!"
 - "Try to Get IP from DHCP Server"
 - "Success Get IP from DHCP Server"

You have successfully set your network mode, channel, and rate. 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

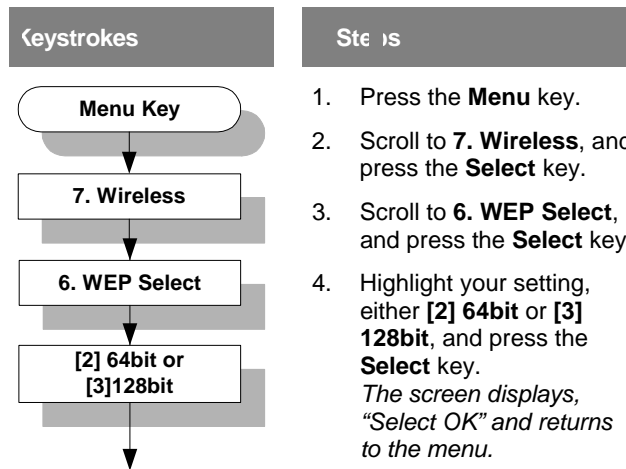
This section explains how to perform the wireless configuration for the XJ100 using WEP, or Wired Equivalent Privacy. WEP is a security protocol for wireless local area networks (WLANs) defined in the 802.11b standard. This protocol encrypts data over radio waves so it is protected as it is transmitted from one point to another.

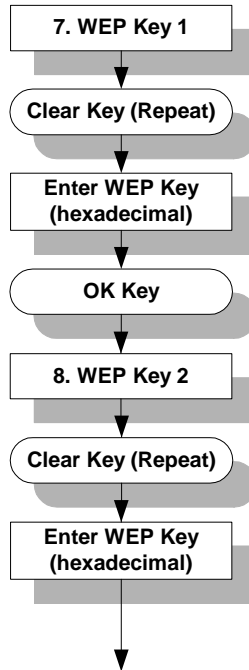
Refer to your checklist on page 3. If your wireless network does not use WEP (if you answered “no”), you are ready to make and receive calls!

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

Enabling WEP and Configuring the WEP Key

To turn on WEP and configure your WEP key:





5. Scroll to **7. WEP Key 1**, and press the **Select** key. *The WEP key aa:aa:aa:aa:aa displays in hexadecimal format.*
6. Press the **Clear** key until all the characters are deleted.
7. Using the telephone keypad, input your WEP key in the following format:

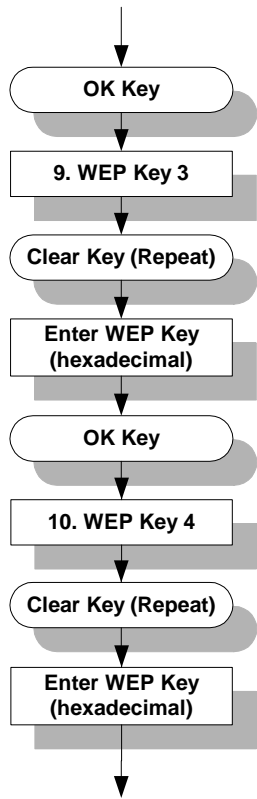
- **For 64bit:**
"xx:xx:xx:xx:xx"
- **For 128bit:**

"xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx:xx"

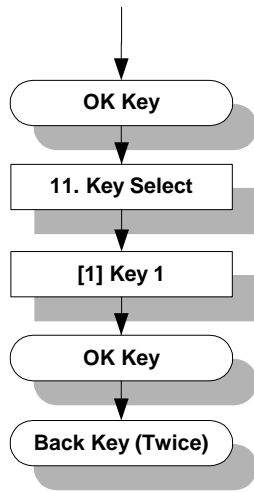


See the TIP box below for details on entering text and numbers.

8. When you are finished, press the **OK** key. *The screen displays, "Select OK" and returns to the menu.*
9. Scroll to **8. WEP Key 2**, and press the **Select** key. *The WEP key aa:aa:aa:aa:aa displays in hexadecimal format.*
10. Press the **Clear** key until all the characters are deleted.
11. Using the telephone keypad, input your WEP key in the appropriate format (see step 7 for guidelines).



12. When you are finished, press the **OK** key.
The screen displays, "Select OK" and returns to the menu.
13. Scroll to **9. WEP Key 3**, and press the **Select** key.
The WEP key aa:aa:aa:aa:aa displays in hexadecimal format.
14. Press the **Clear** key until all the characters are deleted.
15. Using the telephone keypad, input your WEP key in the appropriate format (see step 7 for guidelines).
16. When you are finished, press the **OK** key.
The screen displays, "Select OK" and returns to the menu.
17. Scroll to **10. WEP Key 4**, and press the **Select** key.
The WEP key aa:aa:aa:aa:aa displays in hexadecimal format.
18. Press the **Clear** key until all the characters are deleted.
19. Using the telephone keypad, input your WEP key in the appropriate format (see step 7 for guidelines).



20. When you are finished, press the **OK** key.
The screen displays, "Select OK" and returns to the menu.
21. Scroll to **11. Key Select**, and press the **Select** key.
22. Highlight **[1] Key 1**, and press the **Select** key.
23. When you are finished, press the **OK** key.
24. Press the **Back** key twice to save the setting and return to the main screen.
The screen displays the following messages:
 - "Loading..."
 - "Initializing...Please Wait!"
 - "Try to Get IP from DHCP Server"
 - "Success Get IP from DHCP Server"

Congratulations! You should now be able to place or receive your first call on the XJ100.

4 Using the XJ100 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 XJ100 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.

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.

- 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

- Press 123# on the telephone keypad, followed by the Talk button.
You will be connected to the VoiceMail system.
- 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

VOICEMAIL ACCESS NUMBERS		
State	City/Area	Number
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

VOICELINE CALLING FEATURE DIAL CODES		
Feature	Action	Dial Code
	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 XJ100 Basics

Overview

In this chapter, you will learn how to:

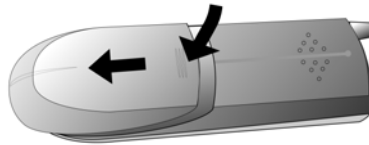
- ★ Install and remove the battery
- ★ Charge the phone
- ★ Use the XJ100 keypad
- ★ Turn the phone on and off
- ★ Lock and unlock the keys
- ★ Adjust the speaker volume

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, push down on the grooves and slide the battery cover off the telephone.



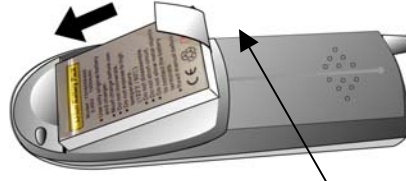
Removing the Back Panel

2. With the battery label facing towards you, align the three metal contacts on the battery with the three corresponding contacts in the telephone's battery

compartment, and press the battery down into place. The plastic tab will be towards the top of the phone.



IMPORTANT: DO NOT REMOVE THE PLASTIC TAB.



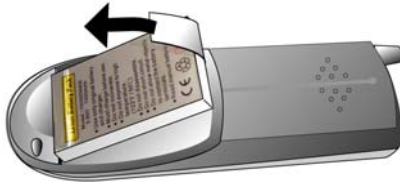
Plastic Tab

Inserting the Battery

3. Line up the tab at the top of the battery cover and slide it into 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, push down on the grooves and slide the battery cover off the telephone.
3. Pull the plastic tab on the battery base to easily remove the battery.



Removing the Battery

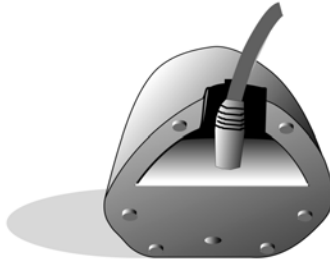
Charging the XJ100

Before using the XJ100 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 3 squares filled in, the phone is fully charged.

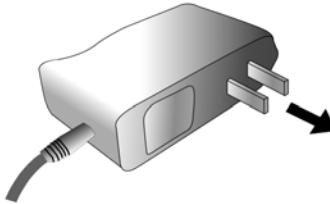
To charge the XJ100:

1. Connect the included AC adaptor (use only this adaptor) to the charger by plugging the lead from the adaptor into the circular jack on the bottom of the power charger.



Connecting the Power Cord

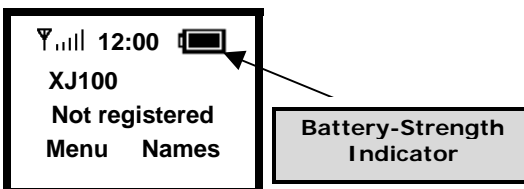
2. Plug the AC adapter into a standard wall outlet.



Plugging in the Charger

3. Place the phone on the charger. The XJ100 automatically turns on.

The battery-strength indicator on the right side of the display will scroll to indicate that it is charging.



Battery-Strength Indicator

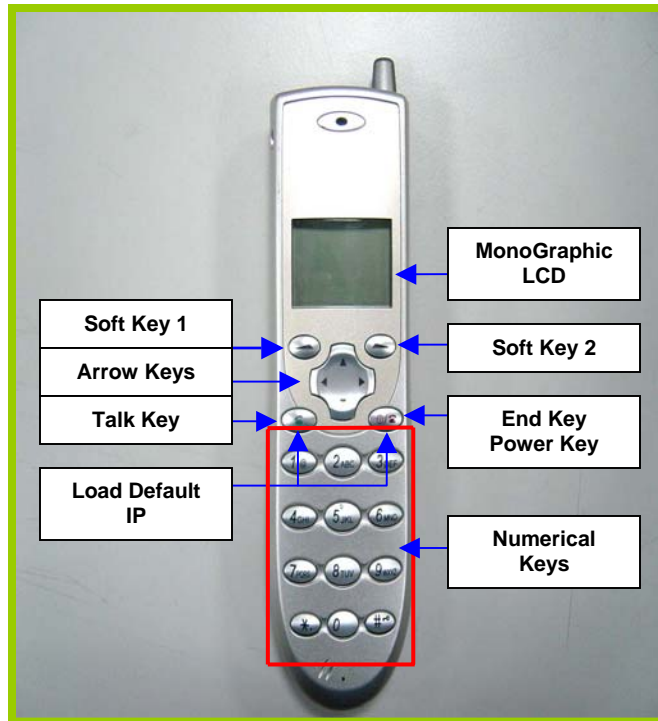
4. When the battery-strength indicator stops scrolling, the battery is fully charged. Remove the phone from the charger.



Charging the Phone

Using the XJ100 Keypad

The image below illustrates the XJ100 phone and its features.



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

XJ100 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.
Talk Key	Use this key to answer a call or make a call.
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.




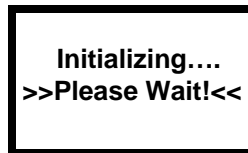
TIP: When you are using the telephone keypad to enter a value and you decide to cancel the action, press the End key



. 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  key for approximately two (2) seconds. The phone will enter "standby" mode, as displayed in the figure below.



Standby Mode

Locking and Unlocking the Keys

Your phone will automatically lock the keys if not used for about one (1) minute. To manually lock or unlock the keys, press the pound (#) key for 2 seconds.

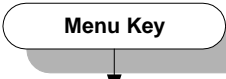
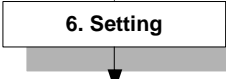
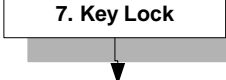
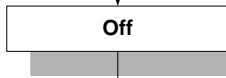
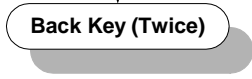


Keypad Locked



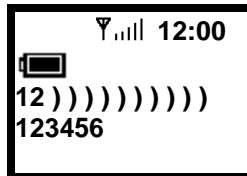
Keypad Unlocked

You can also disable the key lock feature altogether by doing the following:

Keystrokes	Steps
	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 Off 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>

Adjusting the Speaker Volume

To increase volume while speaking during a phone call, press the right arrow key ►. To decrease volume, press the left arrow key ◀.



Adjusting the Speaker Volume

6

Changing the XJ100 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
- ★ Banner text
- ★ Key lock

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

Setting the Ring Melody

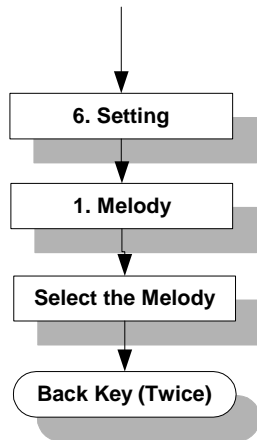
To set the ring melody that plays when you receive a call:

Keystrokes

Steps

Menu Key

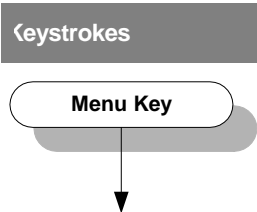
1. Press the **Menu** key.



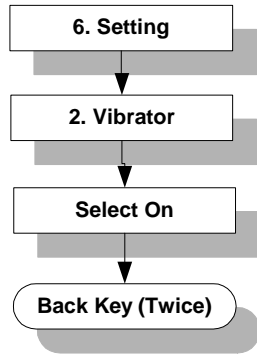
2. Scroll to **6. Setting**, and press the **Select** key.
3. Scroll to **1. Melody**, and press the **Select** key.
4. Scroll to the melody you would like to hear when you receive an incoming call, and press the **Select** key.
The screen displays, "Select OK" and returns to the Setting menu.
5. Press the **Back** key twice to save the setting and return to the main screen.
The screen displays the following messages:
 - "Loading..."
 - "Initializing...Please Wait!"
 - "Try to Get IP from DHCP Server"
 - "Success Get IP from DHCP Server"

Setting the Vibrator Mode

To enable the vibrating feature for all incoming calls:



- | Keystrokes | Steps |
|------------|-------------------------------|
| Menu Key | 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 **on** option, and press the **Select** key. *The screen displays, "Select OK" and returns to the Setting menu.*
5. Press the **Back** key twice to save the setting and return to the main screen. *The screen displays the following messages:*
 - "Loading..."
 - "Initializing...Please Wait!"
 - "Try to Get IP from DHCP Server"
 - "Success Get IP from DHCP Server"



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

Adjusting the Ring Volume

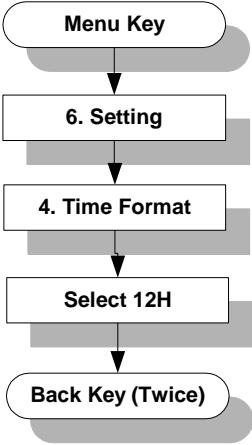
To adjust the ring volume:

Keystrokes	Steps
Menu Key	1. Press the Menu key.
6. Setting	2. Scroll to 6. Setting , and press the Select key.
3. Ring Volume	3. Scroll to 3. Ring Volume , and press the Select key.
Select Level	4. Scroll to the ring volume you would like to set for the ring melody when you receive an incoming call, and press the Select key. <i>The screen displays, "Select OK" and returns to the Setting menu.</i>
Back Key (Twice)	5. Press the Back key twice to return to the main screen. <i>The screen displays the following messages:</i> <ul style="list-style-type: none"> ▪ "Loading..." ▪ "Initializing...Please Wait!" ▪ "Try to Get IP from DHCP Server" ▪ "Success Get IP from DHCP Server"

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 3. Ring Volume, and press the Select key. 4. Scroll to the ring volume you would like to set for the ring melody 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 return to the main screen. <i>The screen displays the following messages:</i> <ul style="list-style-type: none"> ▪ "Loading..." ▪ "Initializing...Please Wait!" ▪ "Try to Get IP from DHCP Server" ▪ "Success Get IP from DHCP Server"

Setting the Time

To set the time that appears on the phone display:

Keystrokes	Steps
Menu Key	1. Press the Menu key.
6. Setting	2. Scroll to 6. Setting , and press the Select key.
5. Time Edit	3. Scroll to 5. Time Edit , and press the Select key.
Enter the Time	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.
OK Key	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).
Back Key (Twice)	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 screen displays the following messages:</i> <ul style="list-style-type: none"> ▪ "Loading..." ▪ "Initializing...Please Wait!"

- “Try to Get IP from DHCP Server”
- “Success Get IP from DHCP Server”

Setting the Banner Text

To set the text that you would like to appear on the phone's display:

Keystrokes	Steps
Menu Key	1. Press the Menu key.
6. Setting	2. Scroll to 6. Setting , and press the Select key.
6. Banner	3. Scroll to 5. Time Edit , and press the Select key.
Clear 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.
Enter Banner Text	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).
OK Key	6. When you are finished, press the Ok key. <i>The screen displays, “Saved OK” and returns to the Setting menu.</i>
Back Key (Twice)	7. Press the Back key twice to return to the main screen.

The screen displays the following messages:

- *“Loading...”*
- *“Initializing...Please Wait!”*
- *“Try to Get IP from DHCP Server”*
- *“Success Get IP from DHCP Server”*

7

Troubleshooting

Display Messages

This section describes the messages that appear on the XJ100 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 ESSIDs 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 (Battery icon blinking)

The battery charge level is low.

To correct the problem, recharge the battery.



Warning 3: Weak Signal Detected (Weak signal icon 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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