

SVW900 Wifi SIP Phone User Manual

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## For your safety

Read these simple guidelines. Not following them may be dangerous or illegal. Read the complete user guide for further information.

### SWITCH ON SAFELY

Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

### ROAD SAFETY COMES FIRST

ObeY all local laws. Always keep your hands free to operate the vehicle while driving. Your first consideration while driving should be road safety.

### INTERFERENCE

All wireless phones may be susceptible to interference, which could affect performance.

### SWITCH OFF IN HOSPITALS

Follow any restrictions. Switch the phone off near medical equipment.

### SWITCH OFF IN AIRCRAFT

Follow any restrictions. Wireless devices can cause interference in aircraft.

### SWITCH OFF WHEN REFUELING

Do not use the phone at a refueling point. Do not use near fuel or chemicals.

### SWITCH OFF NEAR BLASTING

Follow any restrictions. Do not use the phone where blasting is in progress.

### USE SENSIBLY

Use only in the normal position as explained in the product documentation. Do not touch the antenna unnecessarily.

### QUALIFIED SERVICE

Only qualified personnel may install or repair this product.

### ENHANCEMENTS AND BATTERIES

Use only approved enhancements and batteries. Do not connect incompatible products.

### WATER-RESISTANCE

Your phone is not water-resistant. Keep it dry.

### BACK-UP COPIES

Remember to make back-up copies or keep a written record of all important information stored in your phone.

### CONNECTING TO OTHER DEVICES

When connecting to any other device, read its user guide for detailed safety instructions. Do not connect incompatible products.

# Start

## Package Contents

Wifi phone	x1
Battery	x1
USB line	x1
Adapter	x1
Quick guide	x1

## Phone Specification

Dimension	90x 40x 15 mm
Weight	80g
Battery	Rechargeable battery, 3.7V, 550mAh
Adapter	Input AC 100-220V / output DC 5V 500mA
Protocol	SIP v2, RFC3261/STUN、RTP
LCD	SVW900 Single LCD 1.5"

### NOTE

- The standby timing depends on the network conditions, phone usage and surrounding area. The phone consumes, more battery power under the following conditions:
  1. In areas with weak signals, with high or low temperatures, or when used outside the service coverage area.
  2. When the phone frequently searches for network signal due to location changes
  3. When users talk on the phone for long periods of time (+ - 3hrs)
  4. The Alarm, Backlight or Vibration function is active
  5. Ring or listening volume is set to maximum

## Handset Description



1	5-direction key	Up\down\left\right\middle for OK
2	Right soft key	Menu \select\OK
3	Left soft key	Phonebook\back\cancel\delete
4	End key	End a call\Power on or power off \back to the standby mode
5	Answer key	Dial\answer
6	Number key	Number 0-9\character A-Z
7	* key	* \interpunction
8	# key	# \switch input method
9	Side key	Adjust volume
10	Speaker	
11	Microphone	
12	USB interface	
13	Earphone	

## Key Pad define and text entry

Key	Text Mode		Key	Text Mode	
	Normal (ABC)	Numeric (0-9)		Normal (ABC)	Numeric (0-9)
1		1	7 PQRS	pqrsPQRS	7
2 ABC	abcABC	2	8 TUV	tuvTUV	8
3 DEF	defDEF	3	9 WXYZ	wxyzWXYZ	9
4 GHI	ghiGHI	4	0 @		0
5 JKL	jkIJKL	5	*.	* @ . _ - * # () % & +	.
6 MNO	mnoMNO	6	#	#	#

## Write Text

Press the number keys 1 to 9 continuously until the right character appear.

The number keys are not labeled all the letters that they can input. Letters that can be input refer to the language you select. This phone support English input only.

- If the letter you want is at the same key with the before letter, you can press the left or right key ,then enter the new letter.
- Press the key of number 1, you can input some interpunctons you frequently use.

## Fit Battery

Press the button and open the battery cover, set the battery into the storehouse, then put the cover back to the phone.



## Charge Battery

- 1 Link the usb line to the usb interface of PC, or link the usb line to the adapter, then link the adapter to the voltage of 220V for charging.
- 2 After that, the battery indication will start to roll while charging; when the phone finish charge, the indication will stop rolling, please pull out the adapter to use.



## Power on /off

Power on

Press the End key for 2 seconds, the phone start to respond and power on, then search the WLAN automatically.

Searching WLAN ---searching IP---searching SIP server---Not Registered yet---registering---register time out (or finish register and display the standby mode)



Searching WLAN



Standby mode

### Power off

Press the End key for 2 seconds, the phone start to respond and power off.

## Keypad lock

Active: at standby mode, press \* key first, and then # key

Unlock: press the \* key first, and then # key



## WLAN and VOIP Setting

This product support IEEE802.11b/g and SIP protocol, the default setting is without SIP information, you should get the SIP name, password and domain from operator first. For example, the information of the WLAN you're going to use is:

SSID: WIFIAP  
Security type: WEP-open  
Password/Text: WIFI ( or Hex key: 1016A386E)

the information of the SIP server you're going to use is:

SIP server (domain) : 51.108.26.31 (or DNS name)  
User name (SIP phone number):123456  
Password: 1234

## A: Search Available WLAN

- 1 At standby mode, press the right soft key or OK key to enter the main menu.
- 2 Select **4 setting**> **2 WLAN setting** > **2 WLAN search**, press right soft key or OK key to start WLAN searching.
- 3 After searching, there will be a list to show you the available AP, with security type and signal strength. Select the one with highest strength (if this AP is permitted to use), press right soft key or OK key to setting.

Note: The security type of the selected AP was shown at the searched AP list. We take the type of WEP-OPEN for example here, you can set other types by following the indication.

## B: Connect WLAN

- 1 Set the **SSID** name first, (the default name is the one you have just selected, the name is consistent to AP currently), press right soft key or OK key to enter **change** menu.

Enter SSID

WIFIAP

- 2 Select **2 security type**>**2 WEP-OPEN**>**1 WEP Key index**>**1 WEP Key 1**,press right soft key or OK key and enter the **WEP-OPEN** menu again. If the security type is “Open”, go to Step 4 directly.
- 3 Select **2 key / pass**> **1 passphrase/2 hex Key**, press right soft key or OK key enter the **enter key (hex)** mode, key of the SSID is the one of the AP you have just selected., then press the right soft key or OK key enter **change** menu again.

Enter passphrase

WIFIAP

or

Enter hex key

1016A386E

- 4 Select **3 IP setting**> **1 use DHCP** (If the WLAN you selected support DHCP server), press right soft key or OK key to enter **change** menu again.  
You can also select **static IP**, follow the indications, enter the IP address、net mask、gateway、DNS address in turn. And back to **change** menu after setting.
- 5 Select **4 save and use**, press right soft key or OK key to enter the **save and use** menu.
- 6 Select **1 do not use**, press right soft key or OK key enter **WLAN Setting** menu again, finish WLAN setting.

## C: SIP Server Register

### 1 Wifi phone number setting

You should get SIP phone number (SIP user name) , password and SIP server domain from operator first.

Select **3 VOIP setting> change> VOIP identify> SIP number**, press right soft key or OK key , input SIP phone number, press right soft key or OK key and enter the **VOIP change** menu again.

Enter phone no.

### 2 SIP domain setting

Select **3 VOIP setting> change> VOIP identify> SIP domain**, press right soft key or OK key ,input SIP server address, press right soft key or OK key and enter the **VOIP change** menu again.

Enter domain

or

Enter domain

### 3 SIP server authentication

Select **VOIP authentication>SIP user name/ password**, then press right soft key or OK key and enter the **VOIP change** menu.

Enter user name

and

Enter password

### 4 SIP Server Setting

Select **VOIP server> SIP server address/SIP proxy address**, press right soft key or OK key and enter the **VOIP change** menu.

Enter SIP server address

or

Enter SIP server address

Note: 1 STUN protocol is set in SIP server currently, you needn't to set in your handset again. If the SIP you registered doesn't support STUN, you can search for it on internet and set in your handset.

2 This edition doesn't support voice mail..

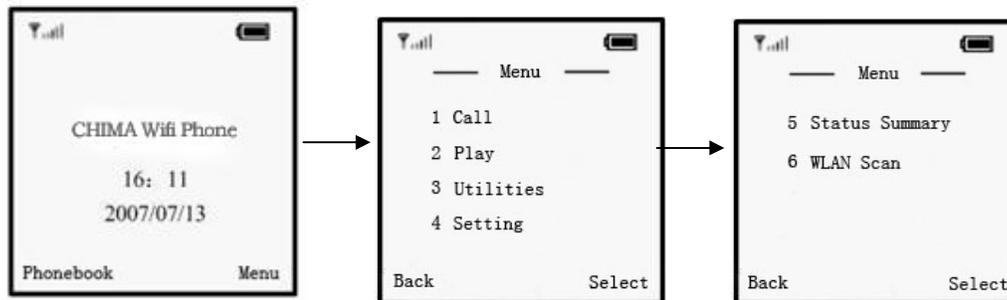
## Dial/Answer Call

- 1 Enter the integrity number, or you can search the number from the phonebook;
- 2 press the Answer key to call the number, you can press the side keys or right/left key to set the volume of the speaker and mic
- 3 press Answer key to answer a call, to reject a call press the End key.

## Menu Function

You can press right soft key to enter the main menu at standby mode, then choose the function you want. Press left key “back” you will back to the higher level menu. Press the End key you will back to the standby mode.

Not all menu functions or option items are described here.



## Call

### Phonebook

Select **Menu>Call>Phonebook**,

You can save names and phone numbers in the phone memory. The internal contact list can store up to 200 names.

You can also use the following options in the Phonebook menu:

Phone numbers----- classify the number and store

Special ring----- select the special ring for the entry

Edit name----- edit name for the entry

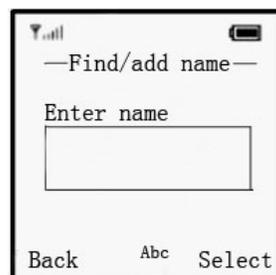
Delete entry----- delete entry from phonebook

### Find name and number from phonebook

1 Scroll down in the standby mode, select Menu>Call>Phonebook>Find name .

2 Enter the first letters of the name. Scroll to the name that you want.

You can press # to switch the input method.



### Dial

Select **Menu>Call >Dial**, you can enter the number you want and call it then.

### Recent Calls

Select **Menu>Call>Recent calls**, The phone logs 10 phone numbers each of missed, received, and dialed calls; the approximate duration of all calls.

The phone logs missed and received calls if it is switched on, within the network service area, and the network supports these functions.

### Speed numbers

Select **Menu>Call >Speed numbers**, you can dial the number key once for a call number.

## Play

You can play the melody、 key tones and system tones internal here.

Select **Menu>Play**, select the entry you want, press right soft key “select” to play.

## Utilities

### Stop watch

Select **Menu>Utilities>Stop Watch**, press right soft key to active the stop watch and start to time.

### Calculator

Select **Menu>Utilities>Calculator**, Press keys 0 to 9 to insert digits and # to insert a decimal point. Press \* to select algorithm, and right soft key to get result.

Note: This calculator has limited accuracy and is designed for simple calculations.

### Calendar

Select **Menu>Utilities> Calendar**, press up/down/right/left key to look over.

## Setting

You can change the phone settings in this menu.

### Phone setting

### Volume setting

Select **Menu>Setting>Phone setting>Volume setting**, you can set the volume of receiver, ring, keypad.

### **Alert/Ring**

Select **Menu>Setting>Phone setting> Alert/Ring**, you can select special ring, or set the phone to vibrate when you receive a call

### **Screen/Keys**

Select **Menu>Setting>Phone setting> Screen/Keys**, you can set contrast, backlight, key repeat, key click volume here.

### **Language**

Select **Menu>Setting>Phone setting> Language**, to select the menu language you want (including English, Korean and Chinese) .

### **Telephone tones**

Select **Menu>Setting>Phone setting> Telephone tones**, select telephone tones mode.

### **Edit greeting**

Select **Menu>Setting>Phone setting> Edit greeting**, you can edit greeting for your phone.

### **WLAN Setting and VOIP Setting**

See page 7 for details.

### **Security Type**

Select **Setting>WLAN Setting>WLAN/IP Setting>Change>Security Type**, this product support security type of Open, WEP, WPA2, WPA-PSK, WPS, you choose the different type for different WLAN. The operation is the same to the WEP-Open type, you can set it following the indication.

### **Time/Date**

Select **Menu>Setting>Time/date**, you set the time and date of your phone here. You can also select a mode of the time/date format.

### **Upgrade Server Address**

Select **Menu>Setting> Upgrade Server Address**, enter the address in window, when you start to upgrade, the system will connected to it automatically.

### **Firmware Upgrade**

Select **Menu>Setting> Firmware Upgrade**, the system will check for the new files and upgrade automatically.

### **Erase All**

Select **Menu>Setting> Erase All**, to reset some menu settings to their default values

## Remote Access

Select **Menu>Setting> Remote Access**, you can enable or disable the remote access.

## Status Summary

This handset provide user shortcut to look over the settings , there will be a detail list after you setup your phone.

**Note:** You can only look over the information here, if you want change your settings ,go back to the setting menu.

## WLAN Scan

You can scan the WLAN quickly here.

## Basic Trouble Shooting

Question	Recommended Action
Why can't I switch on?	1 check if the battery is insert correctly. 2 check if the battery is running out of power. Connect the handset to PC or voltage.
Why there is no signal?	1 check if there is any available AP 2 check if AP is setting correctly. Check if AP settings (SSID , WEP key) of WLAN are correctly.
Why nothing is displayed on the LCD screen?	1 check if battery is running out of power
Why can't I make a call?	1 Make sure you have registered the SIP server correctly 2 Make sure you have setup the WLAN correctly 3 Make sure the number you dialed is available.
Why isn't my firmware upgrading?	1 if the version of your handset is the latest, it won't updating again. 2 check if the upgrading address is correct. The correct address is: <a href="http://www.stephen-tele.com/support.htm">www.stephen-tele.com/support.htm</a>
Why can't I roaming ?	1 your handset can roaming only between the APs with same SSID name and password, if not, you have to set it up again.

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