



Enterprise IP telephone user guide
SIP-T780

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Statement

 The equipment complies with the basic requirements and FCC and other relevant regulations. You can view the CE and FCC information on the label on the back of the phone.

CE mark

This device complies with the European Union's Safety Directive 2014/35/EU and the EMC Directive 2014/30/EU

Part 15 of the FCC Regulations

The device complies with Part 15 of the FCC Rules.
Work should comply with the following two requirements

1. This device does not cause harmful interference.
2. The device must be connected to any interference received, including interference that may cause unintended operation.

Class B digital equipment or peripheral equipment:

Note: This equipment is a Class B digital device and is suitable for residential installations in accordance with FCC Article 15 regulations. If it is not installed or used in accordance with the instructions, the device may generate interference radiation that affects wireless communication. However, there is no guarantee that interference will not occur in some special installation methods. If turning the device on or off interferes with the reception of the radio or electrical gauge, the user can try to improve it with one or more of the following measures:

1. Adjust or reinstall the receiving antenna of the radio or electric gauge.
2. Increase the distance between the device and the receiver.
3. The power supply of the device is not plugged into the different circuit loops.
4. Consult the dealer or an experienced engineer.

WEEE warning



Due to the presence of hazardous substances in electrical and electronic equipment, users

should be aware of the implications of this mark in order to avoid possible environmental and human health effects. For WEEE products, they cannot be disposed of together with other household wastes, and should be collected separately and disposed separately.

Client feedback

We are working hard to improve the quality of our documentation and we are happy to hear from you. You can email your comments and suggestions to

service@lvswitches.com.

.....	错误!未定义书签。
<i>About this manual</i>	6
1.Overview	6
1.1 Hardware Introduction.....	6
1.2 Label Introduction	7
1.3 Indicator introduction	8
1.4 User Interface	8
2. An introduction to	9
2.1 Packing list	9
2.2 Installation	11
2.3 Phone initialization	12
2.4 Phone status	12
2.5 Basic network setting.....	14
2.6 Register.....	15
3.Customize the phone	17
3.1 Basic settings	17
3.1.1 Language	17
3.1.2 Time and date	17
3.1.3 Call out button	18
3.2 Sound setting	18
3.2.1 The volume	18
3.2.2 Ring	19
3.3 Directory management.....	19
3.3.1 Add a group	20
3.3.2 Edit a group	20
3.3.3 Delete a group.....	21
3.3.4 Add a contact	22
3.3.5 Edit a contact	22
3.3.6 Delete a contact.....	23
3.3.7 Call a contact	23
3.4 History management.....	24
3.4.1 View the history.....	24
3.4.2 Call history record	24
3.4.3 Add to contact.....	25
3.4.4 Delete the history records	25
3.4.5 Delete all records	25
3.4.6 Disable history	25
3.5 System customization	26
3.6 Account Management.....	26
4.1 Make a call	27

4.2 Answer the call	28
4.3 End call	29
4.4 Redial	29
4.5 Mute	29
4.6 Do not disturb	30
4.7 Call hold/resume	31
4.8 Call waiting	31
4.9 Auto Answer	32
4.10 Call forwarding	32
4.11 Blind transfer	33
4.12 Tripartite conference	34
4.13 Voice mail	34
4.14 Programmable key management	35
5. Advanced Features	36
6. Safety instructions	40
6.1 Safety Precautions	40
7. Appendix	41

About this manual

Thank you for choosing the SIP-T780 IP phone. This telephone set is specially designed for the users in the office environment. It has the function of call keeping, call transferring and so on.

This guide is designed to help you quickly use the SIP-T780 IP handset. Before using, please read the packing list and security instructions in this guide, and confirm with the system administrator whether the current network environment meets the requirements of phone configuration.

Manual content

The use manual include the following chapters:

- Chapter1: Overview
- Chapter2: Introduction
- Chapter3:Self-definition of phone
- Chapter4:Basic Function
- Chapter5:Senior Function

1.Overview

The chapter introduce the SIP-T780 phone briefly,the content include:

- 1.1 Hardware introduction
- 1.2 Label introduction
- 1.3 Indicator introduction
- 1.4 User interface
- 1.5 Document

For more information and help, contact your system administrator.

1.1 Hardware Introduction

The main hardware components of the SIP-T780 IP phone include the LCD interface and keyboard, as shown below:



1.2 Label Introduction

Function status Icon

The icon displayed on the phone's LCD status bar is as follows:

Icon	Instruction
	Speaker phone mode
	Handset mode
Icon	Instruction
	Headset mode
	Do not disturb
	Mute
	Unanswered call

Account key icon

Account key icon (account registration)

Icon	Instruction
	Private line registered successfully
	Registering
	Registration failed

Other Icon

ICONS displayed on the LCD screen (history)

Icon	Instruction
	Received call
	Dialed call
	Unanswered call

1.3 Indicator introduction

Power Indicator

Indicator Status	Instruction
Yellow flash	The phone is in a ringing state.
Close	The phone is out of power. The phone is idle. The phone is busy. The call is on hold. Call mute.

Account key indicator light

Indicator Status	Instruction
Yellow normally on	The line is busy. The line is calling
Off	The line is not exist

1.4 User Interface

Telephone Interface

Instruction You can refer to appendix B - menu tree for the complete functional structure.

Web page Interface

In addition to customizing your phone through the phone interface, you can also customize your phone through the web interface. To customize a phone through a web interface, first you need to know the IP address of the phone. Press OK button to view the phone's IP address and enter the phone's IP address in the browser's address bar (for example: IPv4 address (<http://192.168.0.10> or 192.168.0.10)to access the web interface. The default administrator username and password is "admin" (case-sensitive).

The following table lists the main function options that can be customized through the phone interface or the web interface:

Items	Telephone	Web page
Status		
--Version	√	√
--Network configuration		
--IPv4		
--Network parameters		
--Account		
Setting		
--Time and date	√	√
--Upgrade	√	
--Ringbell	√	
--The heartbeat service	x	
Account		
--Register	√	√
--Basic	√	
--Codec	x	
Network Configuration		
--IPv4configuration	√	√
--WANConfiguration	√	

Indication

The table above lists only some of the main features of the phone, you can refer to the relevant sections for more information

2. An introduction to

This chapter introduces the basic operation of the SIP-T780 IP phone, including the following contents:

- 2.1 Packing list
- 2.2 Installation
- 2.3 Phone initialization
- 2.4 Phone status
- 2.5 Basic network setup
- 2.6 Register
- 2.7 Standby interface
- 2.8 Input or edit data
- For more information and help, contact your system administrator

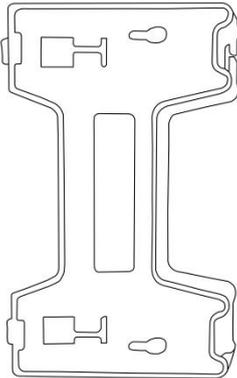
2.1 Packing list

SIP-T780 IP phone contains the following accessories:

- SIP-T780 IP phone



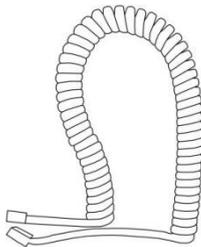
- Stand



- Handset



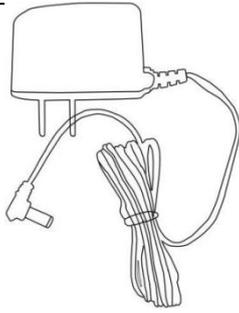
- Handset cord



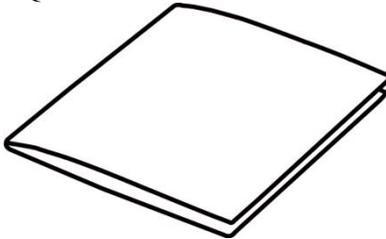
- Ethernet cable



- Power adaptor (5.5mm DC plug)



- Quick Use Guide



Please check the packing list before installing the phone. If missing any accessories, please contact your system administrator.

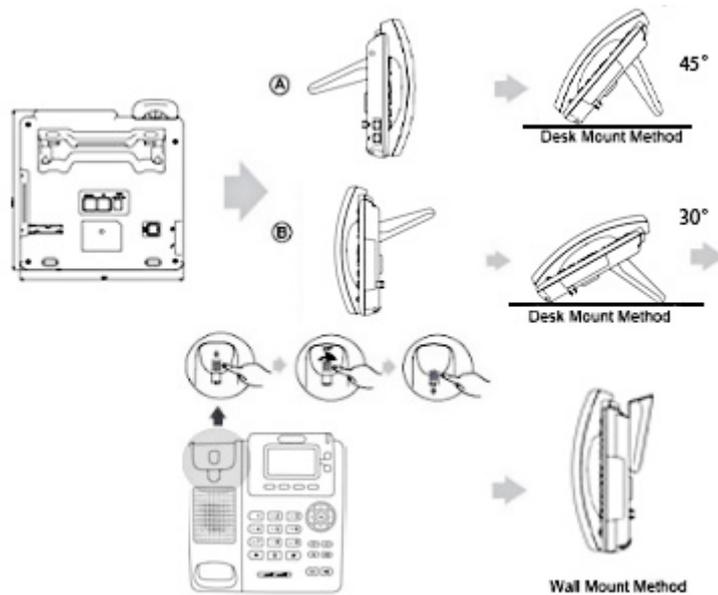
2.2 Installation

If the phone has been installed successfully, initiate the phone according to page 13.

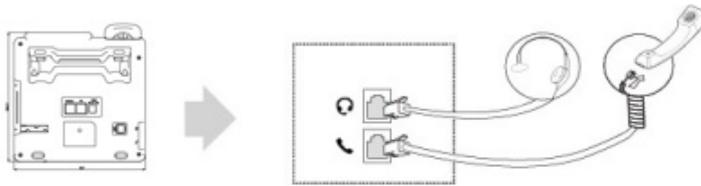
The chapter introduces how to install the phone:

- (1) Attach the stand
- (2) Connect handle and handset (optional)
- (3) Connect network and power

- (1) Attach the stand



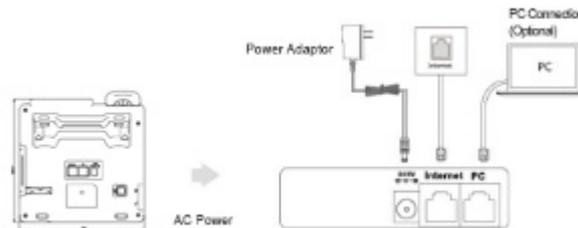
- (2) Connect the handset and optional headset



(3)Connect network and power

AC power(Optional)

1.Connect one end of the power adaptor to the DC5V interface of the phone and the other end to the power socket.



Indication We require the use of the original power supply of Shanglu (5V/600mA), and the use of a third party power supply may lead to phone damage

2.3 Phone initialization

After the phone is powered on, the following steps will be performed:
The phone perform initialization.

When the phone is initialization,the LCD screen will show “initializing ITIBIA”

Contact DHCP to obtain the network configuration

By Default, the telephone obtain the IP address,subnet mask,Default gateway address and DNS Server etc network information via DHCP server.



Phone status

You can view the phone's status through the phone interface or the web interface.

- Network status(IPv4 status,IP mode and MAC address)
- IPv4 address length is 32 bit.
- Device information (product name, hardware version, firmware version, product ID, MAC address, and device certificate installation status)
- Account information(For exmaple: SIP account register information)

2.4 Phone status

View the phone status through the phone interface:

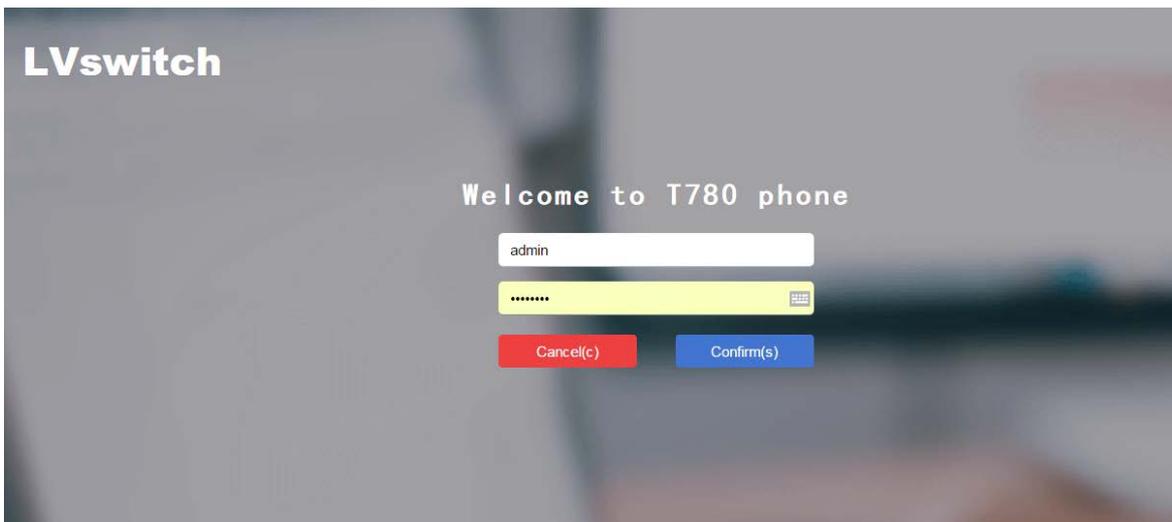
1. Press button or click the menu → status .
2. Press or Select the status parameter to be viewed. To view network, device, and

account details, select <more options> and press the “enter” soft key



View the phone status through the web interface:

1. Open the website browser on the PC
2. Enter the IP address in the bar of browser (IPv4 Address:http://192.168.17.22 press the OK button can check the IPv4 of the machine) then press enter
3. Enter the user name and password on the loading page (Default user name and password are admin/admin)



4. Click SUMBIT button.

state-to-state		
Version		
Firmware Version	V1.0.0.12	
Hardware Version	dvf9918	
Network		
WAN Interface	IPv 4	
IPv4		
WAN Port Type	DHCP	
WAN IP Address	192.168.0.115	
Subnet Mask	255.255.255.0	
Gateway	192.168.0.1	
Primary DNS	202.96.128.86	
Secondary DNS	202.96.134.33	
Network Common		
MAC Address	AC:BA:DB:E2:CE:48	
Link Status	Connected	
Device Type	Bridge	
AccountStatus		
Account1	6009@192.168.0.131: Registered	

Indication

If the IP mode is set to IPv4, you can enter the IP address to check the status of the phone. For more information, please consult your system administrator.

2.5 Basic network setting

If the DHCP server cannot be reached by the phone, you need to set it manually. The phone supports IPv4 address mode, set the IP mode through the phone interface:

1. Press Menu-Settings- Advanced settings(Press enter and no need to enter password)- Network-WAN
2. Select the static IPv4 client
3. Press save soft key to save the setting or back soft key to cancel operation.

Set the static IPv4 address through telephone interface:

1. Press Menu-settings-advanced settings(default code:admin)-Network-WAN
2. Press  select IPv4 mode, then press enter soft key.
3. Press  select static IPv4 client then press enter soft key
4. Enter the IP address, subnet mask, default gateway, preferred DNS, and alternate DNS in the appropriate zone
5. Press save soft key to save the operation or back to cancel it.



2.6 Register

Normally, the system administrator will pre-configure the parameters and centralize the deployment of all the phones. In this case, the phone is registered. The SIP-T780 IP phone supports the registration of two accounts. If the phone does not have an account, you need to register manually.

Standby interface

After the phone starts normally, the standby interface displays as follows:



The standby screen displays the current account label, time and date, and four soft keys.

Enter or edit data

You can use the keyboard on your phone to enter or edit data in the edit box.

Under the 2aB or 123 input method, each key on the keyboard can provide different characters (or Numbers). You can switch the input method mentioned below to enter or edit data on the phone. When switching to the corresponding input method, you can repeatedly press the key to see which character (or number) can be entered, and then select the corresponding character (or number) after stopping. When the character (or number) you want to enter appears in the edit box, wait a second before entering the next character (or number).

The following table lists the characters (or Numbers) that can be provided by each key under different input methods:

Input method Button	2aB	123
	1	1
	2abcABC	2
	3defDEF	3
	4ghiGHI	4
	5jklJKL	5
	6mnoMN O	6
	7pqrsPQR	7
	8tuvTUV	8
	9wxyzWX YZ	9
	0	0
	*	*
	#	#

3. Customize the phone

You can customize the SIP-T780 IP phone by setting the time, date, and ring tone, for example. You can also add contacts to your phone and set different ring tones for different contacts.

This chapter describes how to customize the phone, including the following:

- 3.1 Basic settings
- 3.2 Sound setting
- 3.3 Directory management
- 3.4 History management
- 3.5 Called number list
- 3.6 System customization

For more information and help, contact your system administrator.

3.1 Basic settings

3.1.1 Language

The default language of the LCD interface is Chinese. If the browser language is not supported, the web interface will default to be Chinese. You can set the phone LCD interface and web interface language respectively, the two do not affect each other.

Change the phone LCD interface language on the phone:



1. Press menu-settings-basic settings-language
2. Press  or  to select the corresponding language.
3. Press save soft key to save the operation.

The text on the phone will immediately changes to the language you selected.

3.1.2 Time and date

The standby screen for the SIP-T780 IP phone displays the current time and date. You can set the time and date automatically from the SNTP server, or you can set the time and date manually. If the phone cannot get the time and date from the SNTP server, consult your system administrator.

Manually set the time and date through the phone interface:

1. Press menu-settings-basic settings-time&date-manual setting time &date



2. Set the time and date in the corresponding areas.
3. Press save soft key to save the operation
4. The standby interface will show the manual set time and date.

3.1.3 Call out button

You can set "*" button or "#" button as call out button

Set the call out button through the phone interface:

1. Press menu-feature-key as send
2. Press the "change" soft key to switch and select * or # in the outgoing key area as the outgoing key or choose to disable the setting of the outgoing key.

Press the save soft key to save the operation or return the soft key to cancel the operation.



3.2 Sound setting

3.2.1 The volume

You can adjust the volume of your ringtone when your phone is on standby or when it rings. You can also adjust the volume of your current voice device (handset, speaker, or headset) during a call by using the volume control button. The volume range is 1~7, the higher the value, the louder the sound.

Adjust the volume in standby mode:

1. Press  to adjust the volume of sound.



3.2.2 Ring

Ring tones are used to alert incoming calls. You can set different tones for the SIP-T780 IP phone to distinguish incoming calls from nearby phones. You can also set different ring tones for different accounts or contacts on your phone.

Set the ringtone through the telephone interface:

1. Press menu-settings-basic settings-sound-ring
2. Press  or  to select the corresponding ring.
3. (Optional) Press  to adjust the volume of ring.
4. Press save soft key to save or back soft key to cancel the operation.



3.3 Directory management

Local contacts

You can easily and quickly access the frequently used contacts list using the phone book soft key in the standby interface. The list of frequently used contacts may contain local contacts, call records. You can set up a list of frequently used contacts for the phone book's soft keys.

Set the frequently used contact list through the web interface:

1. Click contacts-setting
2. In the card clip area, select the appropriate list from the disabled list box and click .
3. The selected list appears in the enable list box.
4. Repeat step 2 to add more lists to the enabled list box.

View the list of frequently used contacts through the phone interface:

1. When the phone is in standby mode, press the <dir> soft key.

If only one list is enabled in the contact, pressing the directory key will take you directly to that list.

The local contact is used to store the name and number of the contact. The SIP-T780 IP phone

can store up to 50 contacts (including blacklists). You can add groups and add contacts for different groups. You can also add, edit, delete, search, or call contacts from local contacts.



3.3.1 Add a group

Add a group through the phone

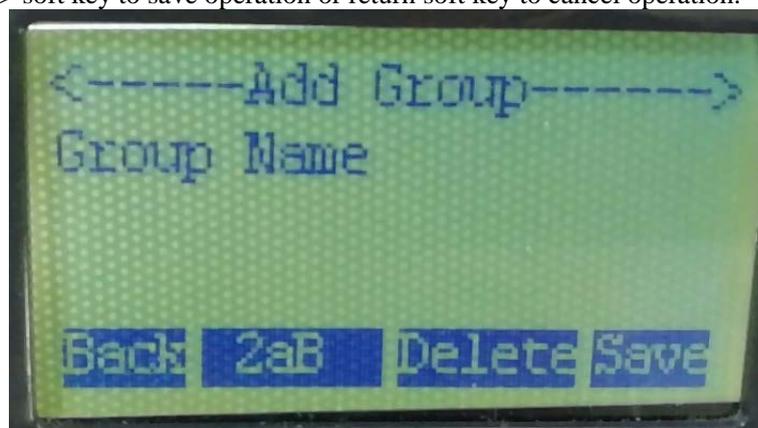
1. Press <directory> soft key.

If only the local contact list is enabled, the phone goes directly to that list.

If you disable the local contacts list among contacts (see contacts on page 36), press menu -> Directory-> local contacts to enter the list.



2. Press the <add group> soft key.
3. Enter the group name in the name field.
4. Press <SAVE> soft key to save operation or return soft key to cancel operation.



3.3.2 Edit a group

Edit a group through the phone interface:

1. Press the <directory> soft key.

If only the local contact list is enabled, the phone goes directly to that list=



2.Select the corresponding group and press <option> soft key.

3.Select <detail> option.



4.Press  or  to edit the group information.

5..Press <save> soft key to save the operation or <back> soft key to cancel the operation.



3.3.3 Delete a group

Delete a group through the telephone:

1. Press <directory> soft key.

If only the local contact list is enabled, the phone goes directly to that list.

2. .Select the corresponding group and press <option> soft key.

3. Select <delete> option

4. Press <back> soft key to cancel the operation.



5. If want to delete all the groups,select <delete all> options.

3.3.4 Add a contact

You can add contacts by:

- Manual add
- Add from the phone call records

Manually add the contacts

Manually add contacts from local contacts through the phone interface

1. Press <directory>soft key

If only the local contact list is enabled, the phone goes directly to that list.

2. Select the corresponding group and press <enter>soft key

If the contact you want to add doesn't belong to any group,select all contacts and press <enter> Soft key.Or you may first enter in any one group then enter into the corresponding group.

3. Press <add> soft key

4. Input name,display name,extension number and mobile phone number in the corresponding area



5. Press change option key to select the group for the added contact

6. Press save key to save the operation or back key to cancel the operation

3.3.5 Edit a contact

Edit contacts in the local phone book through the phone interface:

Press <dir>softy key

1. If only the local contact list be enabled ,the phone goes directly to the list

2.Select the corresponding group,press enter soft key.

3.If the edited contact doesn't belong to any group,select< all contacts> then press enter

4.Press  or  to select the edited contact.

5.Press <option> button and press< detail>

6.Press  or  to edit the contact person's information

7.Press save soft key to save the operation or back soft key to cancel.

3.3.6 Delete a contact

Delete contacts in the local phone book through the phone interface:

1. Press <dir> softy key

If only the local contact list be enabled ,the phone goes directly to the list

If you disable the local contacts list among contacts (see contacts on page 36), press menu -> DIR -> local directory to enter the list.

2. Select the corresponding group,press enter soft key. If the deleted contact doesn't belong to any group,select< all contacts> then press enter

3 Press.  or  to select the contact want to delete.

4. Press <option> soft key and select <delete>.

The LCD screen shows as following:

5. Press the <ok> soft key to delete the contact or <back> the soft key to cancel the delete. If want to delete all the contacts,press< option> soft key and <delete all>(Please be careful, after deletion the records cannot be restored)



3.3.7 Call a contact

Call the contacts in the local phone book through the phone interface:

1. Press <dir> softy key

If only the local contact list be enabled ,the phone goes directly to the list

2. Select the corresponding group,press< enter> soft key. If the deleted contact doesn't belong to any

group,select< all contacts> then press enter

3 Press.  or  to select the contact want to call.

3. Use the following ways

-If the contact only save one number,press <send> soft key to call the contact

-If the contact have stored more than one number,press send soft key to enter the contact person's number list



Press  or  to select the called number

Press **SEND** button

3.4 History management

The history of the SIP-T780 IP phone contains a list of dialed Numbers, incoming calls, missed calls, and transferred calls. All lists can store up to 50 records. You can view the call history, the contacts in the history, or delete the call history record.

3.4.1 View the history

Check the history records according to the phone interface

Press <Cdrs> soft key

The LCD interface displays all recent call records.

2.Press  and  to switch all calls, missed calls, dialed Numbers, received calls or transferred calls lists

3.Press  or  to select the call records

4.Press <option> soft key and press<detail> soft key

The LCD screen will show the information of the record.

3.4.2 Call history record

Make phone calls from the record list through the phone interface:

1.Press<Cdrs> soft key

The LCD interface displays all recent call records.

Press  and  to switch all calls, missed calls, dialed Numbers, received calls or transferred calls lists

3.Press  or  to select the call records

4.Press send button

3.4.3 Add to contact

Add contact from the call records list via the telephone interface:

- 1.Press<Cdrs> button
- 2..Press  or  to select the call record.
- 3.Press option soft key and select <add to contacts>
- 4.Enter the contactor's name,lanline number,mobile phone number and the group.
- 5.Press the <save> soft key to save the contact person or to press cancel to cancel it.

3.4.4 Delete the history records

Delete call records from the phone list through the phone interface:

- 1.Press the <CDRS>soft key.
- 2.Press to switch all calls, missed calls, dialed Numbers, received calls or transferred calls lists
- 3.Press  or  to select the call record.
- 4.Press the <delete> soft key.

3.4.5 Delete all records

- 1.Press the <CDRS>soft key.
- 2.Press  and  to switch all calls, missed calls, dialed Numbers, received calls or transferred calls lists
- 3.Press  or  to select the call record.
- 4.Press the delete all soft key.

3.4.6 Disable history

Disable history record through the phone interface

1. Press menu -features-history
2. Press change soft key to select the history record's status
3. Press save soft key to save the operation or back soft key to cancel the operation.



3.5 System customization

Use a headset

To use a wired headset, connect the headset and activate the headset mode

Indicator

Before using the headset, please make sure the headset function is turned on. Please consult your system administrator for more information.

Activate and cancel the headset mode

Activate the headset mode

1. Press 

The LCD screen shows the  icon

When the phone receives the incoming call, press the account key or answer key to answer the incoming call, and the phone will automatically enter the headset mode

Quit the headset mode:

Press  again, the LCD label will change again.

3.6 Account Management

You can register one or two accounts on the SIP-T780 IP phone

Register an account

Register your account through the phone interface:

1. Press menu-setting-advanced settings(no need password directly press enter default password:admin)-Account
 2. Select the account you want to set and press the enter soft key.
 3. Select to enable or disable the account.
 4. Enter the corresponding information in the display name, registration name, user name, password, server IP, and server port number fields respectively
 5. Press save soft key to save the operation or back to cancel the operation
- Repeat Step2-5 to finish the registrations of account.

Disable the account through the web interface:

1. The route is account-registration
2. Select the account to disable and set it to disable
3. Press save button to save the operation.



4. Basic Functions

The SIP-T780 IP phone is as simple and convenient to use as a traditional phone. You can use basic functions such as making a call, answering a call, transferring a call, or holding a conference call etc basic functions.

This chapter describes the basic functions of the SIP-T780 IP phone, including the following:

- 4.1 Make a call
- 4.2 Answering a call
- 4.3 End the call
- 4.4 Redial
- 4.5 Mute
- 4.6 Do not disturb
- 4.7 Call hold/resume
- 4.8 Call waiting
- 4.9 Auto answer
- 4.10 Call forward
- 4.10 bind transfer
- 4.11 Tripartite conference
- 4.12 Voice mail
- 4.13 DSS KEY

For more information and assistance, please contact your system administrator.

4.1 Make a call

You can make calls in one of three ways:

- Handle
- Hands free mode
- Headset

You can dial first and then choose the way you don't talk to each other.

In the calling process, You can press the hands-free button, the headset button, or pick up the handle to switch to talk mode.

The LCD interface can display the duration of the call, the information (name or number) at the back end. As shown below: The call with "Alin" (phone number: 1001) has lasted for 5 seconds.

Use the handle to make a call:

1. Pick up the handle.
2. Enter the number.
3. Press ,  or the <Send> soft key.

By default, the # key acts as an outgoing key. You can set the * button as an outgoing button or set neither as an outgoing button.

Use hands-free calling:

Use one of the following methods:

- When the handle is on-hook, press  or the account button enters the dialing interface.
- Enter the number.
Press  Or press the send soft key
- Enter the number when the handle is on-hook.
- Press , ,  or the Send soft key.
- Use the headset to make a call:

Use one of the following methods:

- Connect the headset and activate the headset mode. Press the account button to enter the dialing interface.
- Enter the number.

Press  or the send soft key.

- Connect the headset and activate the headset mode. Enter the number.

Press  Or to press the send soft key

4.2 Answer the call

When the phone is idle, you can answer the call in the following three ways.

- Handle
- Hands free
- Headset

Answer the call when the phone is idle

To receive an incoming call when the phone is idle, use one of the following methods.

Answer the call using the handle:

1. Pick up the handle.
2. Use hands-free answering calls

Use one of the following methods:

- Press  .
- When the handle hook and headset modes are not activated, press the Answer soft key.
- When the handle hook and headset modes are not activated, press the account button (the LED button of the account button flashes green).

Use the headset to answer the call:



Use one of the following methods:

- Press  .
- After the headset mode is activated, press the Answer soft key.
- After the headset mode is activated, press the account button (the LED button of the account button flashes green).

Answer the call while the phone is on a call

If you are on a call and receive a new call, use one of the following methods:

- Press the Answer soft key.
Answer the new call and the current call is on hold.
- Press  to view the new calls

Press  or the Answer soft key.
Answer the new call and the current call is on hold.

4.3 End call

Use any of the following methods

- If you are using the handle to answer an incoming call, press the **Endcall** softkey or put back the handle.
- If you are using a headset to answer an incoming call, press the **Endcall** softkey.
- If you are using a handsfree answering call, press  or the **Endcall** soft key.

4.4 Redial

Redial the last number dialed:

1. When the phone is in standby, by pressing two times  The phone will automatically call out the last number dialed.

Redial any dialed number:

1. When the phone is in standby, press  to enter the placed call list.
2. Press  or  to select the desired entry, and press  or the Send soft key.

4.5 Mute

You can turn on the mute mode during the call and turn off the phone's microphone so that the other party can't hear the local sound. You can also turn on silent mode when dialing, and automatically mute the local when the call is established. This function is applied to the other party to turn on the automatic answering scene, avoiding the local noise after the other party automatically answers.

Normally, the silent mode automatically turns off as the call ends. You can also turn on the mute function on any interface (such as the idle interface), and automatically mute the local when the call is answered. If the call is not unmuted during the call, the continuous mute mode will not be automatically cancelled as the call ends.

Silent mode can be enabled in all call modes (handle, headset or handsfree).

Mute during a call

Turn on call mute

1. Press  during a call.

The call is muted and the LCD screen displays as follows:



Cancel call mute:

1. Press  again to un-mute.

4.6 Do not disturb

You can activate DND mode to have the phone automatically reject incoming calls and send a busy tone. The LCD screen of the phone will prompt “n new missed call” (n indicates the number of unread calls) message, and the called user will receive a busy message. When the phone is in DND mode, all calls will be recorded in the list of missed calls.

When the Do Not Disturb feature is turned on, the phone supports the display of the Do Not Disturb icon on the standby screen. For more information, please consult your system administrator.



Description

You can activate/deactivate DND mode for your phone. When the DND mode is the phone, activate the DND mode via the phone interface:

1. While the phone is in standby, press the Immunity soft key.
Icon DND appears on the phone standby screen

Description

When both DND mode and Busy Transfer feature are enabled in phone mode, all incoming calls on the phone will be forwarded to the destination number of the busy transfer setting.

When the DND mode is customized, the DND mode is activated for the specific account through the phone interface:

1. While the phone is in standby, press the **DND** soft key. The phone LCD screen displays the account list:
2. You can also set the DND status in the Menu-Features-DND settings
 - 1) Press the **change** soft key to select enable in the do not disturb switch area

1. Press the mute soft key in the idle interface.
Turn off DND in custom mode.

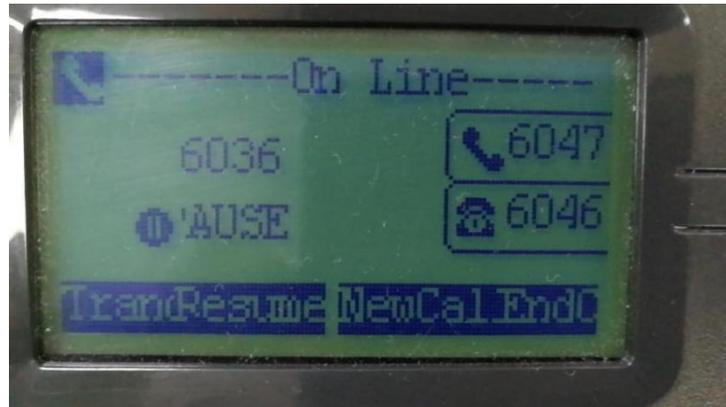


4.7 Call hold/resume

You can place a call on hold. In any case, the phone can only have one line active. When the phone receives a new call, the current call is placed in the hold state. The held party may hear music from the server while waiting.

Call hold:

1. During the call, press the **hold** soft key to hold the call. Under the status of holding the call, the screen will display as follows.



2. Press the **Resume** soft key to resume the call.

4.8 Call waiting

You can enable or disable call waiting for your phone. If the call waiting function is enabled, you can receive new calls during the call, otherwise during the call, new calls will be automatically rejected and a busy signal will be prompted.

1. Press menu->Features->Call waiting

2. Press  or  to enable the call waiting function.

3. Press **Save** soft key to save the change or **back** soft key to cancel the operation.



4.9 Auto Answer

You can enable automatic answering for the phone, when the number received a call, the phone will automatically answer the call

1. Press menu-Features-Auto Answer
2. Press \uparrow or \downarrow to select the account that needs to enable
3. Press change soft key to enable or disable the auto answer function.

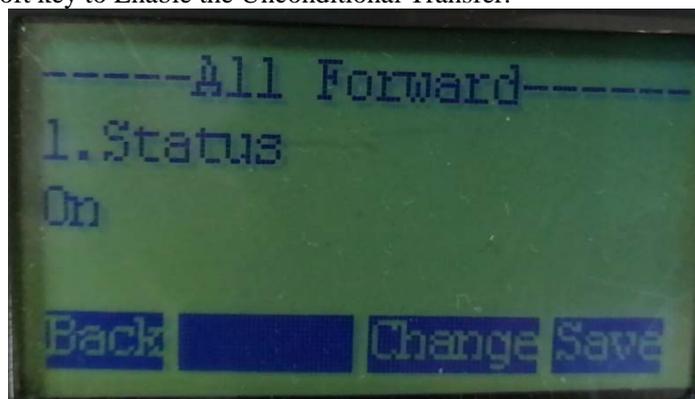


4.10 Call forwarding

You can set up call forwarding on your phone to transfer incoming calls to the specified number.

Description

1. Press Menu->Features->Call Forwarding.
2. Press \uparrow or \downarrow to select the type of transfer and press the Enter soft key.
3. According to your choice:
 - a) If you choose unconditional transfer:
 1. Press the change soft key to Enable the Unconditional Transfer.



2. Enter the number you want to transfer to in the Target Number field.

b) If you choose to have a busy transfer:

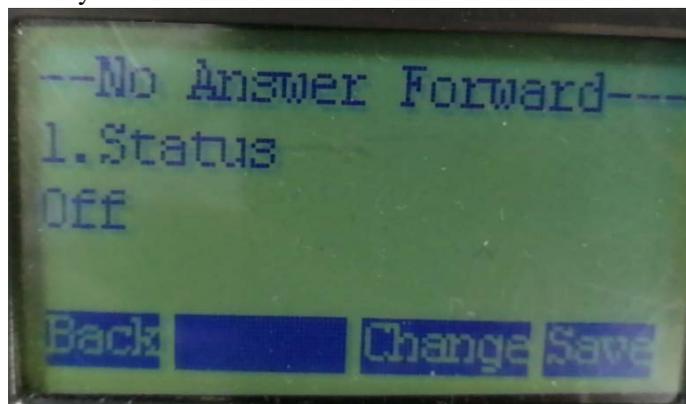
1) The change soft key selects Enable in the Busy Transfer area.



2) Enter the number to transfer to in the Target Number field.

c) If you choose no answer transfer:

1) Press the Switch soft key to select Enable in the No Answer Transfer area.



2) Enter the number you want to transfer to in the Destination Number field.

3) Press the Switch soft key to select the waiting time before the transfer in the ringing time zone (default ring time is 12s).

Press the Save soft key to save the operation or the Back soft key to cancel the operation.

4.11 Blind transfer

Before performing a blind transfer (except dialing mode), make sure that the programmable button touch transfer is set to blind transfer.

To blind transfer

1. During the call, press the <Transfer> or  soft key.

2. Enter the number you want to transfer to.



3. Press the <Transfer> soft key to complete the transfer

4.12 Tripartite conference

You can use the conference function to hold a three-way conference call and add two separate calls to the meeting by pressing the conference soft key.

Create local meeting:

1. Establish a call with the first party.
2. Press the <Conf > soft key to start creating the conference. The call is placed on hold.
3. Enter the number of the second party, and then press ,  or the **send** soft key.
4. Press the <Conf > soft key when the second party answers. All parties are now joined in the conference.
5. Press the <Endcall> soft key to disconnect all parties.



During the meeting, you can take the following operation:

- Press the <hold> soft key to hold the meeting
- Press <split> soft key to split the conference into two individual calls.
- Press <Manage> soft key then click  or  to select the corresponding member
- Press the <banned> soft key to disable the member from speaking. The member can hear the meeting, but the other members cannot hear the member's voice
- Press the <remove> soft key to remove the member
- Press the <return> soft key to return to the upper interface
- Press <endcall> soft key to end the conference.

4.13 Voice mail

LV switches T780 telephone can send and receive voice messages. You can also look up and listen to voice mail messages on your phone. This feature requires the server to be pre-configured. Not all the server can support voice mail. When receiving a new voice message, the LCD interface prompts "n new voice message" (n represents the number of unread voice messages, for example: 28 new voice message).



After exiting the voice message prompt window, the unread voice message prompt window will pop up again until there is a new voice message

Indication You can also configure your phone not to display the voice mail prompt window. For more information, please consult your system administrator.

1. Send voice mail message

When the calling person is too busy to answer the call, you can leave a message to him according to the voice prompt of the server. After the message is finished, press "#" or just hang up the phone.

2. Listen to the voice mail message

Press "*97" and press the voice mail box pin in standby mode to listen to the voice message according to the voice prompt.

4.14 Programmable key management

Set up page management programmable keys through the Web

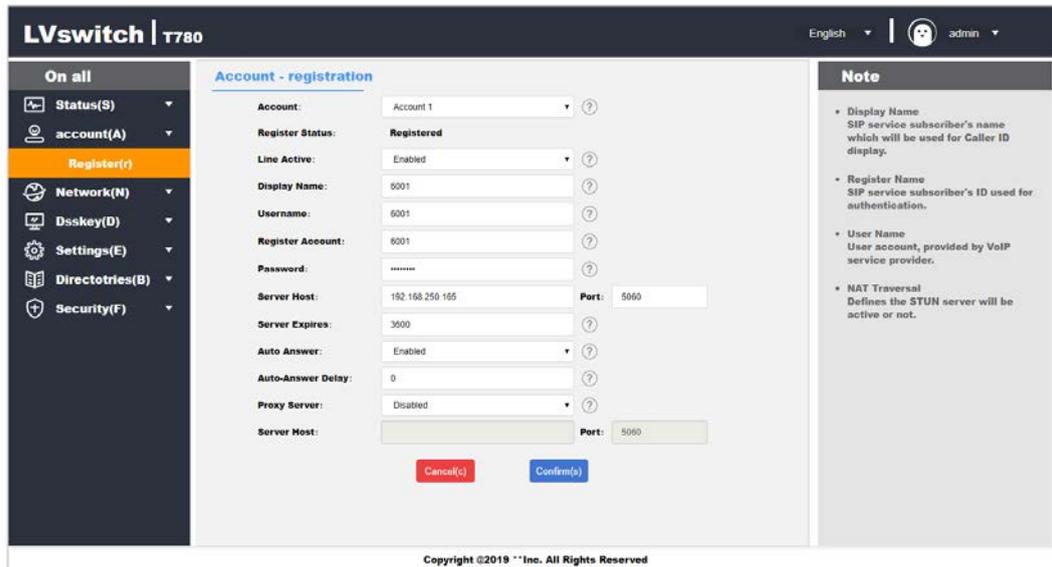
Dsskey line key							
Key	Type	Name	Value	Key	Type	Name	Value
Line Key1	N/A			Line Key17	N/A		
Line Key2	N/A			Line Key18	N/A		
Line Key3	N/A			Line Key19	N/A		
Line Key4	N/A			Line Key20	N/A		
Line Key5	N/A			Line Key21	N/A		
Line Key6	N/A			Line Key22	N/A		
Line Key7	N/A			Line Key23	N/A		
Line Key8	N/A			Line Key24	N/A		
Line Key9	N/A			Line Key25	N/A		
Line Key10	N/A			Line Key26	N/A		
Line Key11	N/A			Line Key27	N/A		
Line Key12	N/A			Line Key28	N/A		
Line Key13	N/A			Line Key29	N/A		
Line Key14	N/A			Line Key30	N/A		

- the programmable key is the extension key of the phone. We can set the type of Line key 1 as "speed dial" and fill in the name and value. After saving, the line key 1 can fulfil the function of speed dial.

5. Advanced Features

This chapter describes the advanced features of the SIP-T780 IP phone, including the following:
 Register an account on the phone through the web interface:

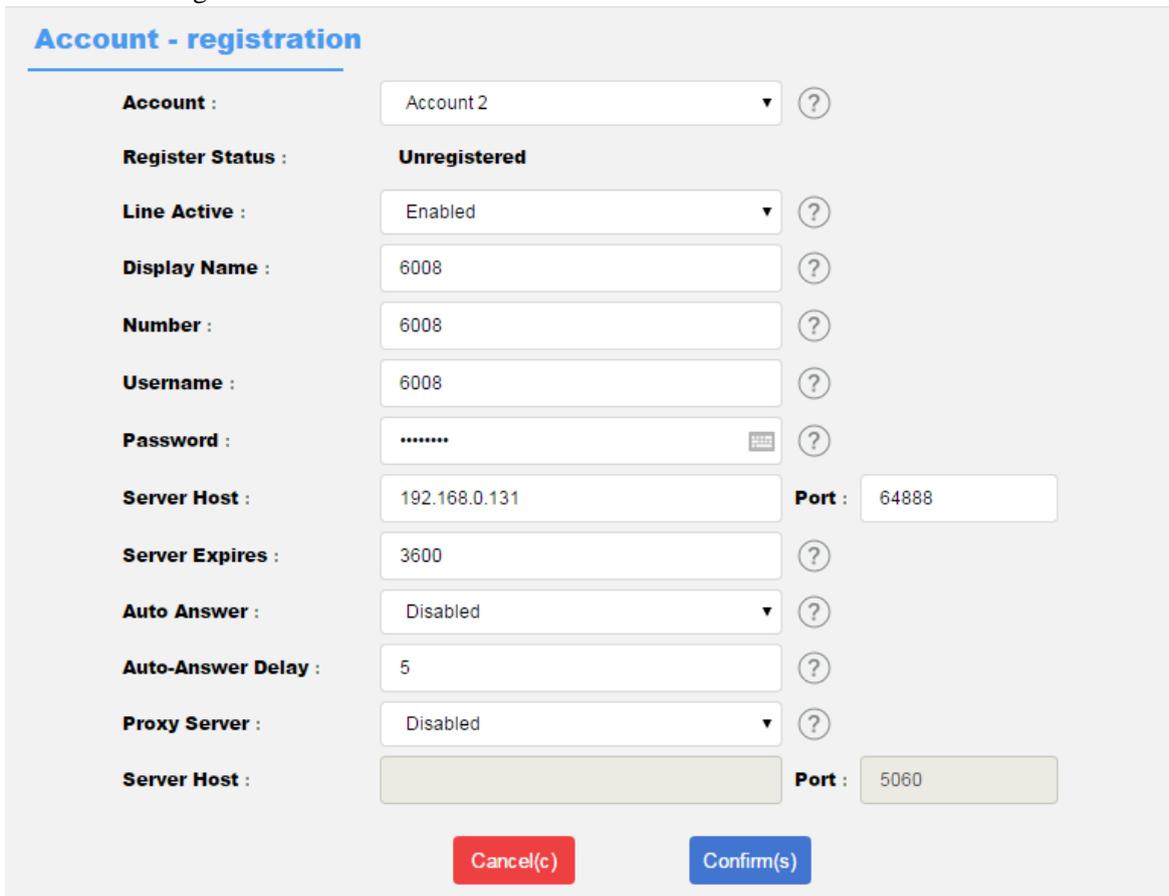
1. Register account number 1.



2. Click Confirm to save

Register the account 2 on the web interface:

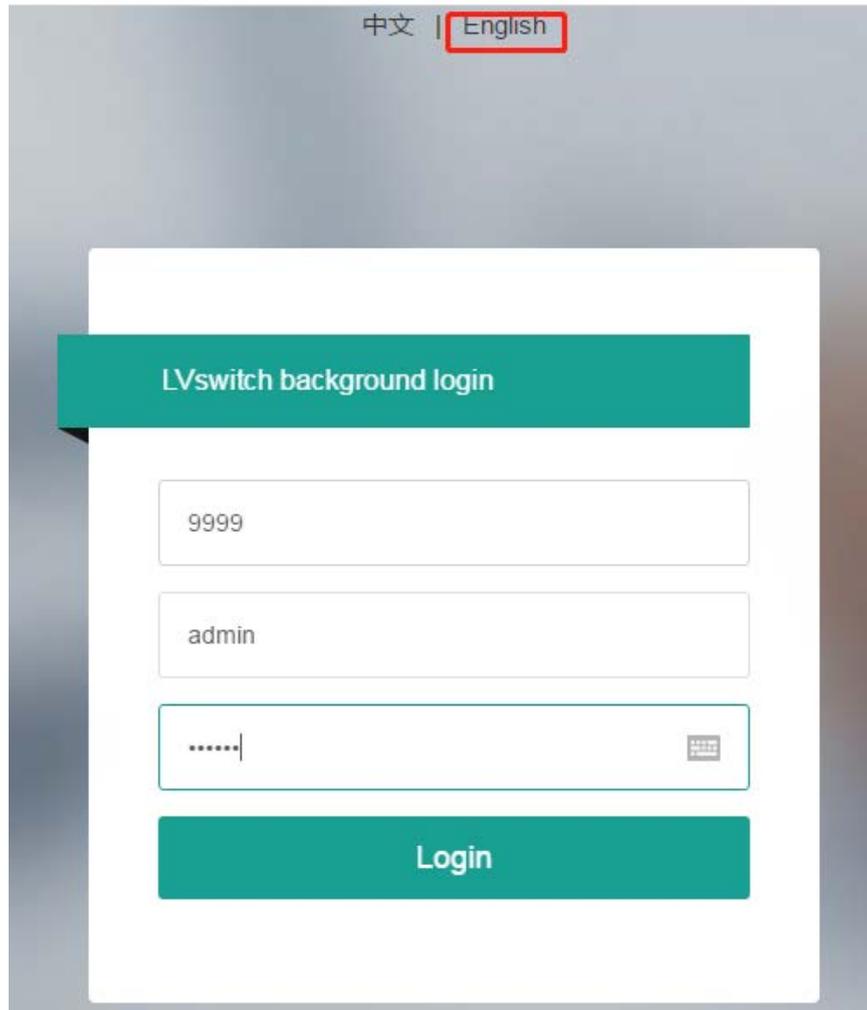
1. Select the register account 2.



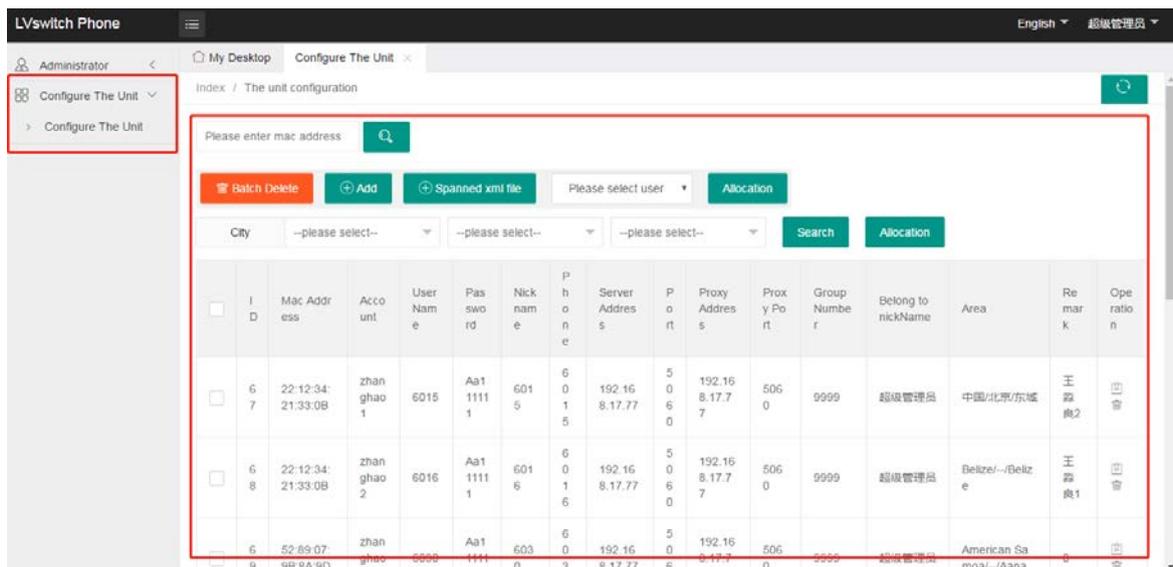
2. Click Confirm to save.

Administrator operation, you can carry out various configurations of the phone

1. Enter the URL: <http://www.zmcu.com/peizhi/tp5/index.php/admin/index/logout.html>
2. Enter the group number / account / password: 9999 / admin / 123123



2. The super administrator can view all phone configuration items. Other administrators can view the phone configuration items of themselves and their sub-managers.



3. Support for adding phone configurations in batches. When adding in batches, other configuration items are default values except for the mac address. When adding multiple mac addresses, use English commas to separate

The unit configuration

Add user

****Note: when adding in batches, please input multiple addresses in the MAC address bar. The addresses are separated by English semicolon comma ", ". The configuration values below the MAC address do not support multiple inputs. The phone number for different MAC addresses cannot be the same, and the user name for different accounts cannot be the same

*Mac Address

*Account Account1

Username Password

Phone Nickname

Server Ip Server Port

Proxy Server Ip Proxy Server Port

Remark Is Upgrade?

4. After the addition is complete, you can assign the phone configuration item to a user or a region in batches.

LVswitch Phone

Administrator < My Desktop Configure The Unit

Index / The unit configuration

Please enter mac address

Batch Delete Add Spanned xml file Please select user Allocation

City --please select-- --please select-- --please select-- Search Allocation

ID	Mac Address	Account	User Name	Password	Nickname	Phone	Server Address	Port	Proxy Address	Proxy Port	Group Number	Belong to nickname	Area	Remark	Operation
5	22:12:34:21:33:0B	lisi	6003	Aa111111	6003	6003	192.168.1.7.77	5060	192.168.17.77	5060	1112	杨晓钦	Belgium--Liege	0	
6	22:12:34:21:33:0B	zhanghao2	6004	Aa111111	6004	6004	192.168.1.7.77	5060	192.168.17.77	80	1112	杨晓钦	广东广州市/东山区	0	
7	22:12:34:21:04:0A	zhanghao1	6005	Aa111111	6005	6005	192.168.1.7.77	5060	192.168.17.77	5060	9999	超级管理员	中国北京/东城	0	
8	22:12:34:21:----	zhanghao1	6006	Aa111111	6006	6006	192.168.1.7.77	5060	192.168.17.77	5060	9999	超级管理员	Belize--Belize	0	

Here the user contains the administrator itself and its sub-administrators, and if super administrators, all administrators.

Click on the top button to complete the selection.

5. Note: After performing the above operations, refresh the page to get the latest data.

My Desktop Configure The Unit

Index / The unit configuration

Please enter mac address

Batch Delete Add Spanned xml file Please select user Allocation

City --please select-- --please select-- --please select-- Search Allocation

ID	Mac Address	Account	User Name	Password	Nickname	Phone	Server Address	Port	Proxy Address	Proxy Port	Group Number	Belong to nickname	Area	Remark	Operation
65	22:12:34:21:33:0B	lisi	6003	Aa111111	6003	6003	192.168.1.7.77	5060	192.168.17.77	5060	1112	杨晓钦	Belgium--Liege	0	
66	22:12:34:21:33:0B	zhanghao2	6004	Aa111111	6004	6004	192.168.1.7.77	5060	192.168.17.77	80	1112	杨晓钦	广东广州市/东山区	0	

6. Generate XML. The super administrator generates an XML file for all phone configuration items.

Non-super administrators can only generate XML files for phone configuration items belonging to themselves and their sub-admins.

My Desktop Configure The Unit x

Index / The unit configuration

Please enter mac address

City --please select-- --please select-- --please select--

<input type="checkbox"/>	ID	Mac Address	Account	User Name	Password	Nickname	Phone	Server Address	Port	Proxy Address	Proxy Port	Group Number	Belong to nickName	Area	Remark	Operation
<input type="checkbox"/>	65	22:12:34:21:33:0B	lisi	6003	Aa11111	6003	6003	192.168.17.77	5060	192.168.17.77	5060	1112	杨晓钦	Belgium/--/Liege	0	<input type="button" value="Edit"/>
<input type="checkbox"/>	66	22:12:34:21:33:0B	zhanghao2	6004	Aa11111	6004	6004	192.168.17.77	5060	192.168.17.77	80	1112	杨晓钦	广东/广州市/东山区	0	<input type="button" value="Edit"/>
<input type="checkbox"/>	67	22:12:34:21:04:0A	zhanghao4	6005	Aa11111	6005	6005	192.168.17.77	5060	192.168.17.77	5060	9999	超级管理员	中国/北京/东城	0	<input type="button" value="Edit"/>

6. Safety instructions

Service agreement

For information on the service agreement of the product, please consult the authorized agent of Shanglu.

Limitation of Liability

To the fullest extent permitted by law, whether in accordance with the contract or the tort (including negligence infringement) law, the company and its suppliers have problems with the performance, failure of sales, installation, maintenance, use of commercial products or due to commercial products. Any incidental, incidental, consequential, special or punitive damages resulting from the interruption of the operation, or any loss of income or profits, loss of business, loss of information or data, or other financial loss, irrespective of the business or its authorized distribution. The quotient has been informed of the possibility of such losses. The responsibility of Shanglu is limited to the repair or replacement of defective products or parts, or refunds of the payment made by the customer when purchasing the product. This loss disclaimer is not affected, even if any of the remedies described herein do not achieve their intended purpose.

6.1 Safety Precautions

Please read the safety precautions carefully before use!

The following basic safety precautions should always be followed to reduce fire, electric shock or other personal injury.



General requirements

- Please read this safety precaution carefully before installing and using the device, and observe it when using it.
- Always keep the equipment dry and clean during the process of storing, transporting and using the equipment.
- In the process of storing, transporting and using the equipment, please avoid collision or damage to the equipment.
- Do not attempt to disassemble the device yourself. In the event of a device failure, please contact the designated service point
- No unit or individual may change the structure, safety, performance and design of the equipment without written permission. Shanglu has the right to pursue its legal responsibility under any circumstances.
- When using the device, please follow the relevant laws and regulations and respect the legal rights of others.



Environmental requirements

- Place the device in a well ventilated, direct sunlight environment.
 - Keep the equipment dry and free of dust.
 - Place the device on a stable work surface
 - Do not place heavy objects on the device to prevent the device from being shaped or damaged
 - It is recommended to leave more than 10cm of heat dissipation space around the device.
 - Do not place the device near flammable objects such as rubber.
-
- Keep away from heat or open flames, such as candles or heaters.
 - When placing the device, please remove the electrical equipment from strong magnetic fields or strong electric fields, such as microwave ovens or refrigerators.



usage notice

- Children should be used under the guidance of adults.
- Do not let children play with the device and any accessories to avoid accidental swallowing.
- Please use the accessories that are supplied with the product and the accessories recommended by the manufacturer.
- The supply voltage must meet the input voltage requirements of the equipment, please only use the surge protection power socket provided by the manufacturer.
- Keep your hands dry when you plug the cable.
- Do not spill any liquid on the device or place it near water, such as a bathtub, washbasin, kitchen sink, wet basement, or swimming pool.

- Do not step on, pull or over-bend the cable to cause equipment failure.
- Stop using the device during thunderstorms, turn off the power, and unplug all the cables connected to the device, such as the power cord and telephone line.
- If the device is not used for a long time, please turn off the power and unplug the power plug.
- When the device has black smoke, abnormal noise or odor, stop using it immediately and cut off the power supply. Unplug all the cables connected to the device, such as the power cord, telephone line, and contact points that are not specified.
- Do not connect unsupported products to the device.
- Connect the ground cable of the device before connecting the cable. Do not disconnect the ground wire before disconnecting all cables.



Cleaning instructions

- Before cleaning, please stop using the device and cut off the power.
- Use a soft, dry, anti-static cloth to wipe the device
- Keep the power plug clean and dry. Using a dirty or wet power plug can result in electric shock or other hazards.

7. Appendix

Appendix A - Menu Book

