



**SayHi**<sup>TM</sup>

## **ES410 IP PHONE**

User Manual



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**Escene Communication Technology Co.Ltd**

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# 1. Getting Started

## About

SayHi ES410 is a next-generation 4-line SIP phone, 4 dynamic context-sensitive soft keys, 12 programmable hard keys, and dual 10/100Mbps auto-sensing Ethernet ports with integrated PoE. The ES410 offers excellent voice PSTN, FXS, Record Port, security protection for privacy.

The 8 programmable speed-dial keys enable one-button access to office personnel and it create one-button access to indispensable telephony features including conference, voicemail, transfer, etc.

## Features

- 240\*160 graphic LCD
- 4 VoIP accounts
- VoIP + PSTN
- HD Voice: HD Codec
- BLF, XML Phonebook
- Headset, PoE, 2xRJ45
- 6 Expansion Modules
- 8 Programmable keys

## Technical Parameter

Item	ES310
<b>Screen</b>	Grayscale LCD with background light
	240*160 pixel
<b>Language</b>	English, Chinese
<b>Line</b>	4
<b>Function Keys</b>	4 Soft keys,4 Line keys(dual-color LED) 6 Navigation keys(arrow button, OK button, C button) Volume adjust, Hands-free, Mute, Headset, Message, Menu, Directory, Service, Hold, Redial, Conference, Transfer
<b>VoIP Protocol</b>	SIP 2.0
	HTTP、DHCP、TFTP、IEEE 802.1Q、IEEE 802.1X
<b>Codec</b>	G.723.1, G.729 A/B, G.711 A/U, G.722
<b>QoS</b>	TOS, Jiffer Buffer, VAD, CNG, G.168 (32ms)
<b>Network</b>	2*RJ45 10/100M Ethernet interfaces (LAN/PC) IP Assignment: Static IP or DHCP

	DNS Client
<b>Call Processing</b>	<p>Call Sharing/Bridged Lines  Line Status Indicator(dual color LED)  Multi Account  Call Waiting, Call Queuing, Line Switching  Call Forward, Call Transfer, Call Holding, Call Pickup,  Callback One Key Dial, Redial  Phone directory speed dial, Call record direct dial  3-way conference  DnD  Voice mail, Voice Prompt, Voice Message  BLF</p>
<b>Expansion Interface</b>	<p>EXT: ESM32 programmable key module  SOR: FXS, FXO, Record  USB</p>
<b>Security</b>	<p>User Authentication for configuration pages  Signaling encryption  Media encryption</p>
<b>Application</b>	<p>Public phone directory  Private phone directory  PnP (Plug &amp; Play)</p>
<b>Power Supply</b>	<p>Power adapter: AC 100-240V input and DC 12V/1A output  PoE (IEEE 802.af)</p>
<b>Specification</b>	<p>Storage Temperature: 0℃-60℃  Operating Humidity: 10%-90%  Size 254mm*205mm*87mm</p>

## 2. Connecting Your Phone

Your system administrator will likely connect your new SayHi ES410 IP Phone to the corporate IP telephony network. If that is not the case, refer to the graphic and table below to connect your phone.

1) Open the box ES410 IP Phone; carefully check the packing list, Packing List as follows:

Item	Counts
IP Phone	1
Handset	1
Handset Cord	1
Power adapter	1
RJ45 cable	1
CD	1
Quick Reference	1
Product certification	1

2) As shown in figure 2.1 and figure 2.2, Please plug Handset Cord into RJ11 interface(IP Phone and Handset), RJ45 cable into the LAN interface; IP Phone will automatically start if IP Phone with POE function.

3) The phone must work together with power adapter without POE support.

4) Connect your computer to PC interface of the phone with cable.

\* More detailed description please refers to the *3.Phone overview-Understanding phone buttons and hardware*.

**Figure 2.1 Interfaces of SayHi ES410**

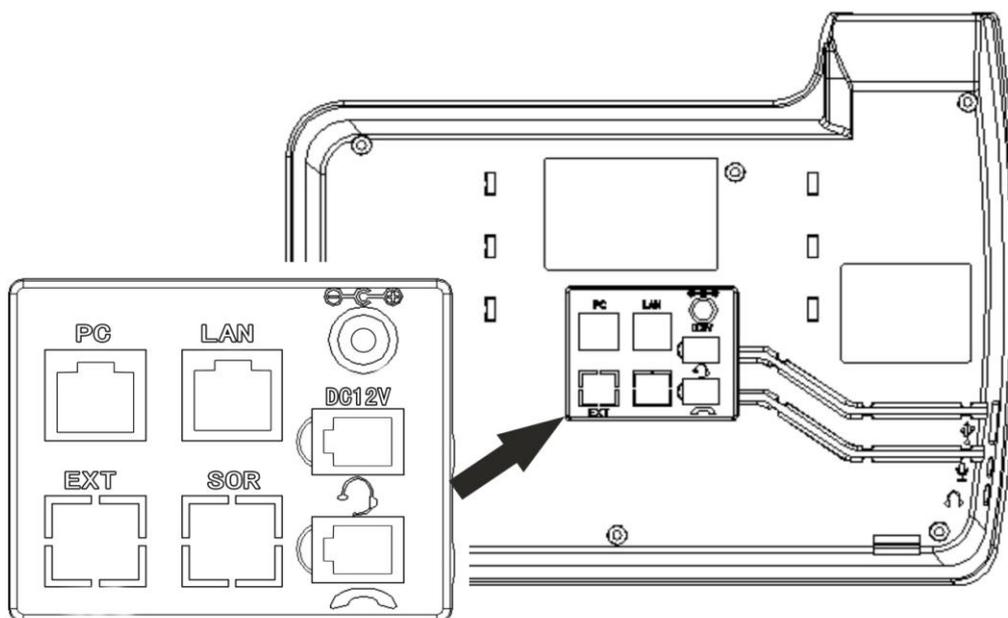
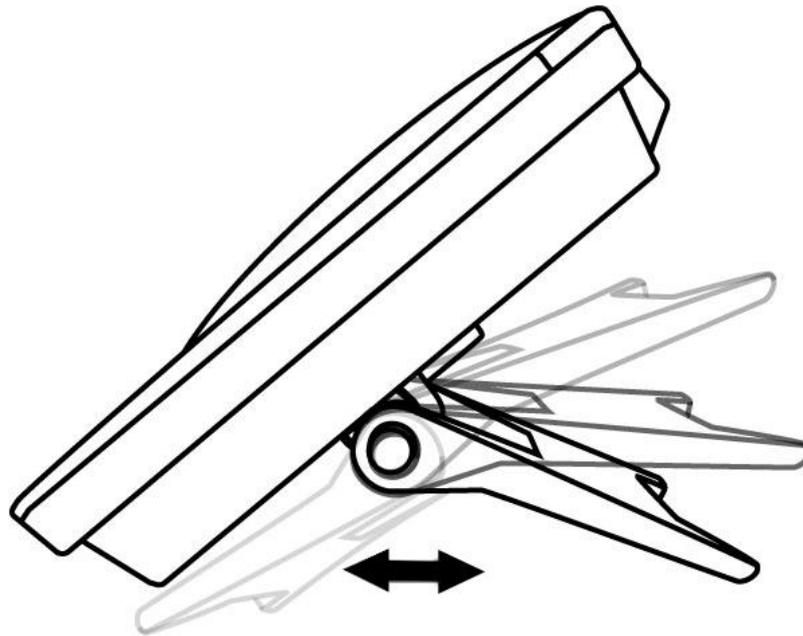


Figure 2.2 Footstand of ES410



5) If you want to connect an ESM (Expansion Module), you could connect it (any interface) to the EXT interface on the phone with a RJ-45 cable (a straight-through cable), and the second ESM can be connected to the first one too. It supports 6 ESMs.

### 3. Phone overview

#### Understanding Buttons and Hardware

From figure 3.1 to figure 3.2, you can understand buttons and hardware about SayHi ES410.

Figure 3.1 SayHi ES410 overview

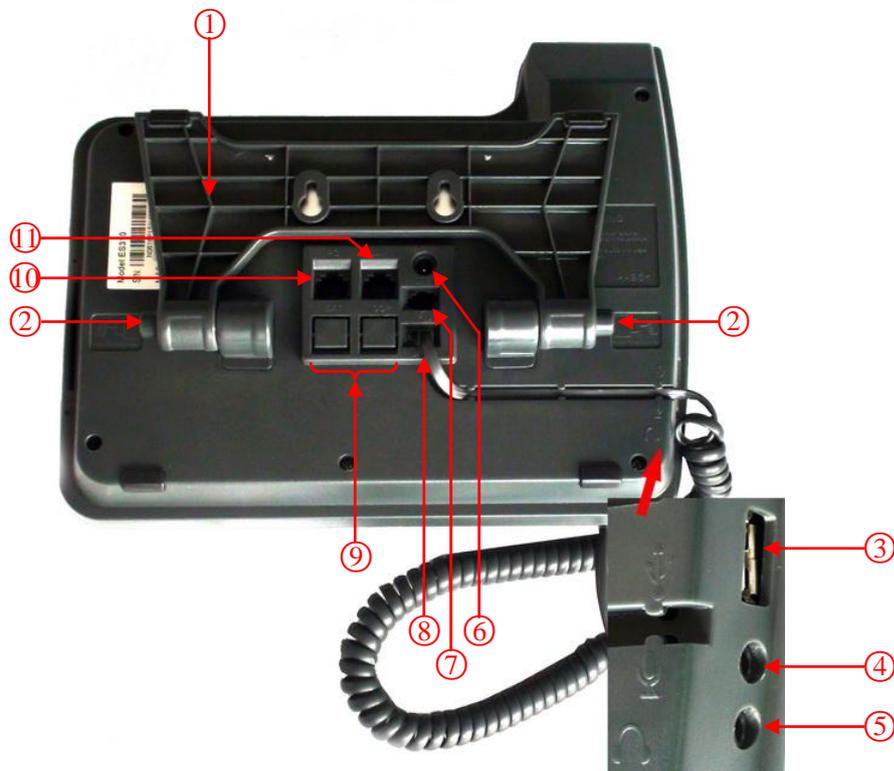


Num	Buttons	Description
1		Headset button: Toggles the headset on or off  Red means the feature is enabled.
2		Mute button: Toggles the Mute feature on or off.  Red means the feature is enabled.
3		Message button: Typically auto-dials your voice message service.  Red means have unread voice mail.
4	SERVICE	Service button: Open or Close the Services menu.
5	DIRECTORIES	Directories button: Use it to access call logs and corporate directories.

6	MENU	Menu button: Allows you to scroll through menus.
7		Volume button: Controls the volume and other settings. 
8	CONFERENCE	Conference button: Connect calling / called party to the conference
9	REDIAL	Redial button: To Redial the last number.
10	TRANSFER	Transfer button: Transfer redirects a connected
11	HOLD	Hold button: Put a call on hold
12	0-9, *, #	Basic Call Handling: Press “#” send out a call(default)
13	Speaker button	Speaker button: Toggles the speakerphone on or off. 1)  Red, flashing: There is an incoming call. 2)  Red, steady: Pick up and enter normal call.
14	Line buttons	Select the phone line (Call or Answer) ; Different colors for different status: 1)  Red, flashing: There is an incoming call. 2)  Red, steady: Pick up and enter normal call. 3)  Blue, flashing: Holding call. 4)  Blue, steady: Active call.
15	Softkey	Each displays a softkey function, To activate a softkey, press the softkey button.
16	Programmable Buttons	Hotline number can be used to bind in order to achieve speed dial; Turn on BLF: 1)  Red, steady: Remote line is busy. 2)  Blue, steady: Remote line is idle.
17	C	Back button: Return to the standby interface;
18	Navigation button	“Down”: Open “Missed Calls” list; “Left”: Open “Received Calls” list; “Right”: Open “Dialed Numbers” list
19	OK	OK button: To confirm the action;

20	Hands-free speakerphone	Hands-free voice of the output.
21	LCD screen	480*272 pixel Color high-definition display.
22	Status light	 Red flashing: There are incoming call;  Red, steady: Missed Calls, or phone busy;
23	Hands-free microphone	Hands-free voice of the output.

Figure 3.2 Interfaces of SayHi ES410



Num	Hardware	functions
1	Footstand	Hold up phone
2	Footstand button	Press buttons at the same time to adjust the angle
3	Reserved for USB port	Enhanced scalability
4	Microphone port	Connect the Microphone
5	Headphone port	Connect the Headphone
6	Power port	12VDC

7	Headset port	Support RJ11 interface connection
8	Handset port	Connect the Handset
9	Reserved port	Enhanced scalability: 1) EXT: ESM interface; 2) SOR: S-FXS O-FXO R-record
10	LAN port	Connect to a LAN interconnecting device
11	PC port	Connect to a local PC

## Understanding Phone Screen Features

This is what your main phone screen might look like with an active call:

Figure 3.3 LCD of SayHi ES410



Num	Screen	Functions
1	Time and Data	Display current time and data
2	Call activity Area	Displays calls per line, including caller ID, for the highlighted line.
3	Missed calls tips	Show the number of missed calls.
4	Line status/ Speed Call	1) : Line is successfully registered to a SIP server 2) : Line is not successfully registered to a SIP server 3) : DND turned on in this line 4) : Line is held 5) : Peer-to-Peer status 6) : dialing

		7)  : talking 8)  : ringing 9)  : Transferring a call 10)  : 3-ways conference
5	Softkey labels	Each displays a softkey function. To activate a softkey, press the softkey button.

## 4. Basic Call Handing

You can perform basic call-handling tasks using a range of features and services. Feature availability can vary; see your system administrator for more information.

**Note:** The bold type of the following text and following a “button” in table signifies the phone's button (for example, **OK** button), and the  signifies softkey.

### Placing a Call

Here are some easy ways to place a call on SayHi ES610 IP Phone: :

If you want to...	Then...	
Place a call using the handset	Pick up the handset;	--1) Hear the dial tone; --2) The first line light and display  ;
Place a call using a Speakerphone	Press <b>Speaker</b> button; or <b>Line</b> buttons; or  ;	--3) Enter number; --4) Press “#” button(default); or press  ; or wait five seconds(default)
Place a call using a headset	Press <b>Headset</b> button.	Then send the call;
Redial	--Press <b>REDIAL</b> button to dial the last number -or press <b>Navigation button-Right</b> > “Dialed number”, select a number, and press  or <b>OK</b> button.	
Dial from the Directory on your phone	--1) Press <b>MENU</b> or <b>OK</b> button > “Call history”, you can select “Missed calls”, “Received calls” and “Dialed numbers”, - or press <b>Navigation button</b> (in Standby interface) > select “Missed calls” ( <b>down</b> ), “Received calls” ( <b>left</b> ) and “Dialed numbers” ( <b>right</b> ); --2) Then press <b>OK</b> button or  .	
Place a call while	--1) Press <b>Hold</b> button or  .	

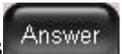
Another call is active	--2) Enter a number; --3) Press '#' button (default) ; -or press  to send the number.
------------------------	--

**Tips**

- You can dial on-hook, without a dial tone (pre-dial). To pre-dial, enter a number, and then go off-hook by lifting the handset or pressing , **Headset** or **Speaker** button.
- If you make a mistake while dialing, press **C** button to erase digits.

## Answering a call

You can answer a call by simply lifting the handset, or you can use other options if they are available on SayHi ES610:

If you want to...	Then...	
Answer with a handset	--1) Your phone ring; --2) <b>Line</b> button of the ringing line is Red  and flashing, Light strip is Red  and flashing; --3) Status of the line on the phone is  .	--Pick up the handset
Answer with the speakerphone (Non-headset mode)		--Press <b>Speaker</b> button -or press the <b>Line</b> button flashing Red  , -or press 
Answer with the a headset		--Put on headset, press <b>Headset</b> button so that the status light is Red  , and then do as using speakerphone
Switch from a connected Call to answer a ringing call	--1) Another <b>Line</b> button is Red  and flashing, Light strip is Red  and flashing; --2) Press the flashing  <b>Line</b> button to answer (at this time, the original call will be hold.)	
Auto-answer	--1) Press <b>MENU</b> or <b>OK</b> button > “Function setting” > “Auto answer”; --2) Select “Enable”; --3) Your phone answers incoming calls automatically after a few rings.	

## Ending a Call

To end a call, simply hang up, here are some more details:

If you want to...	Then...
Hang up while using the Handset	--Return the handset to its cradle, -or press 
Hang up while using the Speakerphone	--Press <b>Speaker</b> button that is Red  , -or press <b>Line</b> button for the appropriate line, -or press 
Hang up while using the Headset	--Press <b>Handset</b> button, (Do not keep the headset mode), -or press  (keep the headset mode)
Hang up one call, but preserve another call on the other line	--Press  , -or refer to the above three methods

## Using Hold and Resume

You can hold and resume calls. You can take a call in one line at anytime, and the other lines would be hold. As a result of that, you can switch different calling line on our phone.

If you want to...	Then...
Put a call on hold	--Press <b>HOLD</b> button, -or press 
Hold a line and switch to another line	Press another <b>Line</b> button for the appropriate line
Resume a call on current line	--Press <b>HOLD</b> button, -or press 

Release a call on different line	Select the line want to release hold, press the line, so recovery;
----------------------------------	--

### Tips

- Engaging the Hold feature typically generates music or a beeping tone.
- A held call is indicated by the Blue  and flashing Line button. And line status is .

## Transferring Calls

Transfer redirects a connected call. The target is the number to which you want to transfer the call.

If you want to...	Then...
Talk to the transfer recipient before transferring a call (consult transfer)	--1) Press <b>TRANSFER</b> button or press  ; --2) Enter number; --3) press “#” (default) , -or press  then transfer the call, -or wait five seconds(default)then transfer the call
Transferred to idle lines or other numbers without talking to the transfer recipient (Blind transfer)	--1) Press <b>TRANSFER</b> button or  ; --2) Press  ; --3) Enter number; --4) Press “#” (default) -or press  , then transfer the call; -or wait five seconds(default)then transfer the call
Blind transfer to the held line	--1) Press <b>TRANSFER</b> button or press  ; --2) Press the <b>Line</b> button of held line

## Using Mute

With Mute enabled, you can hear other parties on a call but they cannot hear you. You can use

[www.escene.hk](http://www.escene.hk)

mute in conjunction with the handset, speakerphone, or a headset.

If you want to...	Then...
Toggle Mute on	Press <b>Mute</b> button, then the button is Red 
Toggle Mute off	Press <b>Mute</b> button, then the button light off

## Do Not Disturb

You can use the Do Not Disturb(DND)feature to block incoming calls on your phone with a busy tone(Can also be set to their voice mail or other extension numbers, etc.).

If you want to...	Then...
Enable global DND	--1) Press  ; --2) All enabled line on the phone would changes to  status.
Enable DND on a single line	Press <b>MENU</b> or <b>OK</b> button > “Function setting” > “DND” > (select line) “Enable”
Disable DND	--Global DND enabled, press  to disable global DND; --Line DND enabled, press twice  , -or press <b>MENU</b> or <b>OK</b> button > “Function setting” > “DND” >(select line) “Disable”

## 3-way Conference

You can establish a three-party conference, during the conversation three phone parties can communicate with each other.

If you want to...	Then...
Invite the transfer recipient into a conference in a transferring	--1) When the transfer recipient answer the call, press <b>CONFERENCE</b> button or  on your phone; --2) Then the held one, transfer recipient and you will be into a conference.

Invite the third party into a conference in a active call	<p>--1) Press <b>CONFERENCE</b> button or  in an active call;</p> <p>--2) Enter the third party number;</p> <p>--3) After connected the third party, press <b>CONFERENCE</b> button or  again</p>
establish a conference with held line	<p>--1) when one phone line is holding on and the other line is busy;</p> <p>--2) Press <b>CONFERENCE</b> button,</p> <p>-or Press  Soft key</p> <p>--3) press the held line's <b>Line</b> button, the 3-way Conference will establish.</p>

## 5. Advanced Call Handling

### Speed Dialing

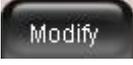
Speed dialing allows you to enter an index number, press a button, or select a phone screen item to place a call.

If you want to...	Then...
Set up Speed Dials on your phone	<p>--1) Press <b>MENU</b> or <b>OK</b> button &gt; “Function setting” &gt; “Hot line keys”;</p> <p>--2) You can configure twelve speed dial numbers on the SayHi ES310 IP Phone;</p> <p>--3) Press <b>OK</b> button or  to set and modify:</p> <ul style="list-style-type: none"> <li>-Mode: <ul style="list-style-type: none"> <li>-Speed dial: Speed dial mode</li> <li>-Asterisk BLF: In the Speed dial based on the increase in BLF (Busy line detection) function</li> </ul> </li> <li>-Account: Speed Dial hot keys using the account</li> <li>-Name: Description of this hot-key,</li> <li>-Number: Need to speed dial numbers</li> </ul> <p>--4) Press  to save the changes</p>

### Using the phone book

You can store a large number of contacts in your phone's directory. You can add, edit, delete, dial, or search for a contact in this directory.

If you want to...	Then...
Add Contacts	<p>--1) Press ,</p> <p>-or press <b>MENU</b> button &gt; “Phone book”,</p> <p>-or press <b>Directories</b> button &gt; “Phone book”;</p>

	<p>--2) Press ;</p> <p>--3) Select “Add contact”, press <b>OK</b> button or ;</p> <p>--4) Use the navigation keys to select content, press <b>OK</b> button or  to set and modify:</p> <ul style="list-style-type: none"> <li>-Name: set the name of contact,</li> <li>-NO.1-5: you can set up 5 contacts’ numbers,</li> <li>-Group: the contacts be divided into different user’s groups</li> </ul> <p>--5) Press  soft key to complete</p>
Add group	<p>--1) Press  soft key,</p> <ul style="list-style-type: none"> <li>-or press <b>MENU</b> button &gt; “Phone book”,</li> <li>-or press <b>Directories</b> button &gt; “Phone book”;</li> </ul> <p>--2) Press  soft key;</p> <p>--3) Select the “add group” then press <b>OK</b> button or ;</p> <p>--4) Use the navigation keys to select content, press <b>OK</b> button or  to set and modify:</p> <ul style="list-style-type: none"> <li>-Group name: name of the group</li> <li>-Description: description of the group</li> </ul> <p>--5) Press  soft key to complete</p>
Modify group	<p>--1) Press  soft key,</p> <ul style="list-style-type: none"> <li>-or press <b>MENU</b> button &gt; “Phone book”,</li> <li>-or press <b>Directories</b> button &gt; “Phone book”;</li> </ul> <p>--2) Press  soft key;</p> <p>--3) Select the “Modify group” then press <b>OK</b> button or press ;</p> <p>--4) Select the group you want to modify, press the <b>OK</b> button or</p>

	<p> to set and modify, press  to save the change</p>
Delete group	<p>--1) Press  soft key,          -or press <b>MENU</b> button &gt; “Phone book”,          -or press <b>Directories</b> button &gt; “Phone book”;</p> <p>--2) Press  soft key;</p> <p>--3) Select the “Delete group” or <b>OK</b> button or ;</p> <p>--4) Select a group you want to delete, press <b>OK</b> button or .</p>
View/Edit Contacts	<p>--1) Press  soft key,          -or press <b>MENU</b> button &gt; “Phone book”,          -or press <b>Directories</b> button &gt; “Phone book”;</p> <p>--2) Select “View ALL”,          -or select a contact who are belong to different group;</p> <p>--3) Select the contact, press the <b>OK</b> button or  (to edit the contact’s information, press <b>OK</b> button or  )</p>
Call from phone book	<p>--1) Press  soft key,          -or press <b>MENU</b> button &gt; “Phone book”,          -or press <b>Directories</b> button &gt; “Phone book”;</p> <p>--2) Select “View ALL”,          -or select a contact who are belong to different group;</p> <p>--3) Select a contact, then press ,</p> <p>(If there are multiple numbers of one contact, press  to enter the interface of “call options”, select the one you want to call and press  )</p>
Modify the relative account of a contact	<p>--1) Open your web browser, enter the “web” interface. (For details, you can refer to 7. <i>Web Settings</i>.)</p>

	<p>--2) Open “Contact” &gt; “Phone book”, select the contact who are needed to be modified, click </p> <p>--3) Select the account in the drop-down column of the account, click “Submit” to complete it.</p>
--	---

## Using Call Logs

Your phone maintains records of your missed, placed, and received calls.

If you want to...	Then...
View your call logs	<p>--1) Press <b>MENU</b> button &gt; “Call history” &gt; “Missed Calls”, “Received Calls”, or “Dialed numbers”</p> <p>--2) Use the navigation keys to view the call record information.</p>
Dial from a call log	Please refer to the previous part <i>4.Basic call handing – Placing a call.</i>
Erase your call logs	<p>--1) If you want to delete a call record, you have to select this record from the logs and press ;</p> <p>--2) If you want to delete an entire call record list, you have to select this record list from the logs and press </p>

### Tips

- Each call log store up to 20 entries on SayHi ES610 IP phone.

## 6. Keypad Instruction

SayHi series IP phones are can be configured in two ways. The first you can use the phone keypad where you can settings for you IP phones, the other you can log in to User Options web pages where you can settings for you IP phones.

Use phone keypad to setting. Press **MENU** or **OK** button to the main menu, Use the navigation

keys to select menu, press **OK** button to confirm menu selections, press **C** button or  to delete input information.

### Language

SayHi ES610 IP Phone supports Simplified Chinese and English.

If you want to...	Then...
To change the language via phone interface	--1) Choose “System setting” > “Phone setting” > “Language”; --2) Scroll through the list of available languages. --3) Press <b>OK</b> button or  when the desired language is highlighted. The language appears on the graphic display will be changed to the one you chose.

### SIP Account Settings

SayHi ES610 series IP phone make calls based on sip accounts, SayHi ES610 series IP phones can support 8 independent SIP account, each account can be configured to different SIP server.

If you want to...	Then...
Create an sip account	--1) Choose “System setting” > “Advanced setting”; --2) Enter the password required (The default is empty) ; --3) Choose “SIP” > “Account sip”; --4) Choose one of the account you want to setting, you can configure the following parameters - <b>Enable account*</b> : choose Enable - <b>Display Name</b> : The name displayed on the screen

	<p>-<b>User Name*</b>: the account matched with the SIP server. (extension number),</p> <p>-<b>Authen usr</b>: the Authenticated users matched with the SIP server. (The default With the same account)</p> <p>-<b>user pwd*</b>: the user password matched with the SIP server</p> <p>-<b>Description</b>: description of this account,</p> <p>-<b>SIP1*</b>: the primary SIP server, By default all calls through the server,</p> <p>-<b>SIP2</b>: the secondary SIP , When the primary server is unavailable ,use the SIP server</p> <p>-<b>Refresh time</b>: Registration refresh interval, the minimum value is 20 The default value is 3600.</p> <p>--5) Set up the above parameters, Press  softkey to saves settings, Complete the account creation;</p> <p>* <b>Note</b>: the parameters with the * mark must be set.</p>
Disable sip account	<p>--1) Choose “System setting” &gt; “Advanced setting”;</p> <p>--2) Enter the password required (The default is empty) ;</p> <p>--3) Choose “SIP” &gt; “Account sip”;</p> <p>--4) Choose “Enable account” &gt; “Disable”;</p> <p>--5) Press  soft key</p>

## Network Setting

If you want to...	Then...
network setting	<p>--1) Choose “System setting” &gt; “Advanced setting”;</p> <p>--2) Enter the password required (The default is empty) ;</p> <p>--3) Choose “Network”, you can configure the following parameters:</p> <p>-<b>Type</b>: static IP or DHCP</p>

	<p>-<b>IP</b>: enter IP address , Note: Do not duplicate the ip address with other devices on the network</p> <p>-<b>Mask</b>: enter appropriate sub mask</p> <p>-<b>GW</b>: enter appropriate gateway</p> <p>- <b>DNS1</b>: enter IP address of the primary DNS server</p> <p>- <b>DNS2</b>: enter IP address of the secondary DNS server</p> <p>-<b>Web port</b>: the default Web port is 80,if you change it(for example change it to 88),you must use IP and Web port to login the web page (for example http://192.168.0.200:88).It will take effect on next reboot.</p> <p>-<b>Telnet port</b>: the default Telnet port is 23,if you change it(for example change it to 2003),you must use IP and Telnet port to login the manage page (for example telnet 192.168.0.200:2003).It will take effect on next reboot.</p>
--	--

## Customizing Rings and Volume

If you want to...	This...
Change the ring tone	<p>--1) Choose “System setting” &gt; “Phone setting” &gt; “Ring type”;</p> <p>--2) Press navigation to choose ring tone;</p> <p>--3) Press  softkey to choose a ring tone to play a sample of it.</p> <p>Press  softkey to Stop Playing</p> <p>Press OK or  softkey to set the ring tone,</p> <p>Press  softkey to return to previous menu.</p>
Adjust the volume level	<p>--1) Choose “System setting” &gt; “Phone setting” &gt; “Volume setting”</p> <p>--2) You can adjust the volume level of following types</p> <p>-<b>Ring volume</b>: Phone call ring volume,</p>

	<ul style="list-style-type: none"><li>-<b>Handset volume:</b> Handset output volume,</li><li>-<b>Handset mic volume:</b> Handset input volume,</li><li>-<b>Speaker volume:</b> Hands-free speaker output volume,</li><li>-<b>Speaker mic volume:</b> Hands-free input volume,</li><li>-<b>Headset volume:</b> Headphone output volume,</li><li>-<b>Headset mic volume:</b> Headset microphone input volume</li></ul>
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## 7. Web Settings

We can configure the IP Phone more handy through web setting. Press OK button on the keypad of the phone to enter the status page and find out the IP address of IP phone. Enter it (for example <http://192.168.0.200>) into the address bar of web browser. The default login name and password are both “root”.



### Account and Sip server

The phone attempts to register to the SIP server using the account/registrar data provided by the automatic or manual initialization.

Choose one Account, you will find the following parameters:

Field	Description
Enable	You can choose on/off to enable/disable the line.
Display Name	It is showed as Caller ID when making a phone call
Username	It is authenticated ID for authentication
Authenticate Name	It is authenticated ID for authentication
Password	It is provided by administrator for registration
SIP Server	Server for registration, provided by administrator
Register Expire Time	IP phone automatically registered every time

## Codec Selection

The IP phone supports the following voice codecs: G.722, G.711A, G.711U, G.723, and G.729A.

You can enable/disable the desired codecs via Web interface. Please contact your system administrator for more details about the codecs.

To enable/disable the codecs:

- 1) Choose Audio-> Audio Codecs

The screenshot shows the 'Audio' configuration page. The 'Audio Codecs' section at the bottom features a list of codecs: G711A, G711U, G723, G729A, and G722. The 'Audio Codecs : Enable' list contains G711A, G711U, G723, G729A, and G722. The 'Disable' list is empty. Navigation buttons 'up', 'down', '<<', and '>>' are present. A 'submit' button is located at the bottom left of the form.

- 2) Use the navigation keys to highlight the desired one in the Enabled/Disable Codecs list, and press

the  /  to move to the other list.

- 3) Choose Submit to save the change.

Of course, you can control the voice bulk in this choose.

## Contact

You can add, edit and delete contact in a phone book on web page of ES610.

- 1) Click “Contact” > “Phone book”,

ID	Operation	Name	Phone	Group	Description
1	 	Jack Welch	Number1:8001		

If you want to add a contact, you just ought to click  .

You can edit an existed contact by click  .

You can delete an existed contact by click  , if you want to delete all contacts, you just ought to click  .

- 2) When you add a contact or edit an existed contact, you can set several parameter as follow:

Serial number :  Description :   
 first Name :  last Name :   
 MobileNumber :  HomeNumber :   
 OfficeNumber :  FaxNumber :   
 OtherNumber :  Group :   
 Company :   
 Position :   
 Email :   
 Address :   
 Account :

Phone book	
Serial number	Serial number of a contact
Description	Description of a contact
Name	Name of a contact
Phone n	You can add 5 different phone number for every contact
Group	You can assign a contact to a specific group. If there isn't any group set on the phone, the group is None by default.
Account ID	Select a SIP account relating this contact, that is you can dial to the

	contact from this SIP account.
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Besides, you can add, edit and delete group by click “Contact” > “Group”. The operation is similar to phone book.



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