
Axtel IP Phones AX-400G User Manual

The Axtel logo features the word "Axtel" in a bold, sans-serif font. The letter "A" is orange, while the letters "xtel" are dark blue. The logo is positioned in the bottom right corner of the page, with a network diagram element visible behind it.

Version
2.0.4.6.17
2019

Notices Information

Copyright

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Safety Instructions

- To use the Phone, please follow the instructions in this user manual.
- Use the power adapter supplied with your phone. Other power adapters may damage the phone.
- This phone is only for indoor use. And also avoid in high humidity, water and some other liquids.
- Do not use the phone during thunderstorms.
- CE
- FCC

WEEE Warning



To avoid the potential effects on the environment and human health as a result of the presence of hazardous substances in electrical and electronic equipment, end users of electrical and electronic equipment should understand the meaning of the crossed-out wheeled bin symbol. Do not dispose of WEEE as unsorted municipal waste and have to collect such WEEE separately.

Cleaning

To clean the device, use an anti-static cloth. Please avoid cleaning liquids as they might

damage the surface or internal electronics of the phone.

FCC Statement

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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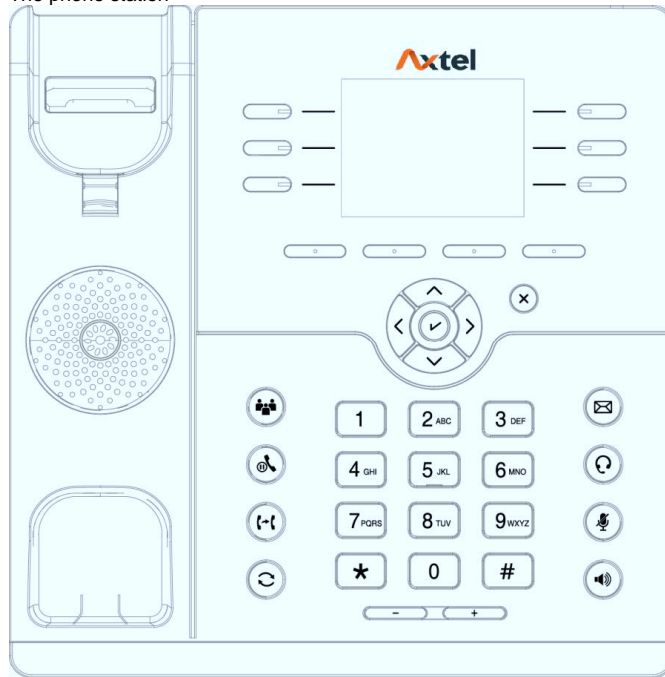
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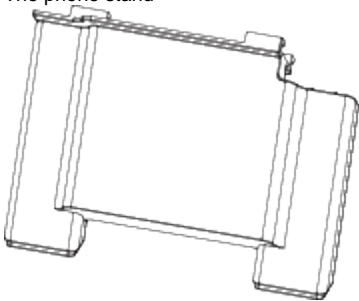
Packing List

The package contains the following parts, please check if all the items are not missed:

1. The phone station



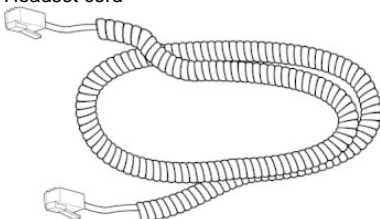
2. The phone stand



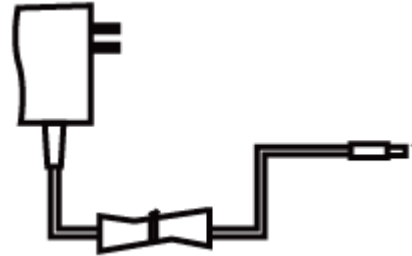
3. Handset



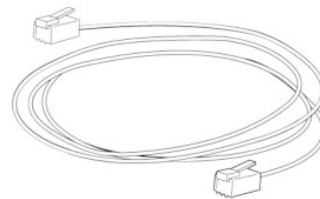
4. Headset cord



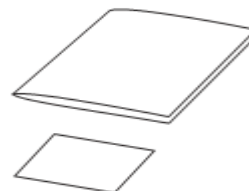
5. Power adapter (optional)



6. Ethernet cable

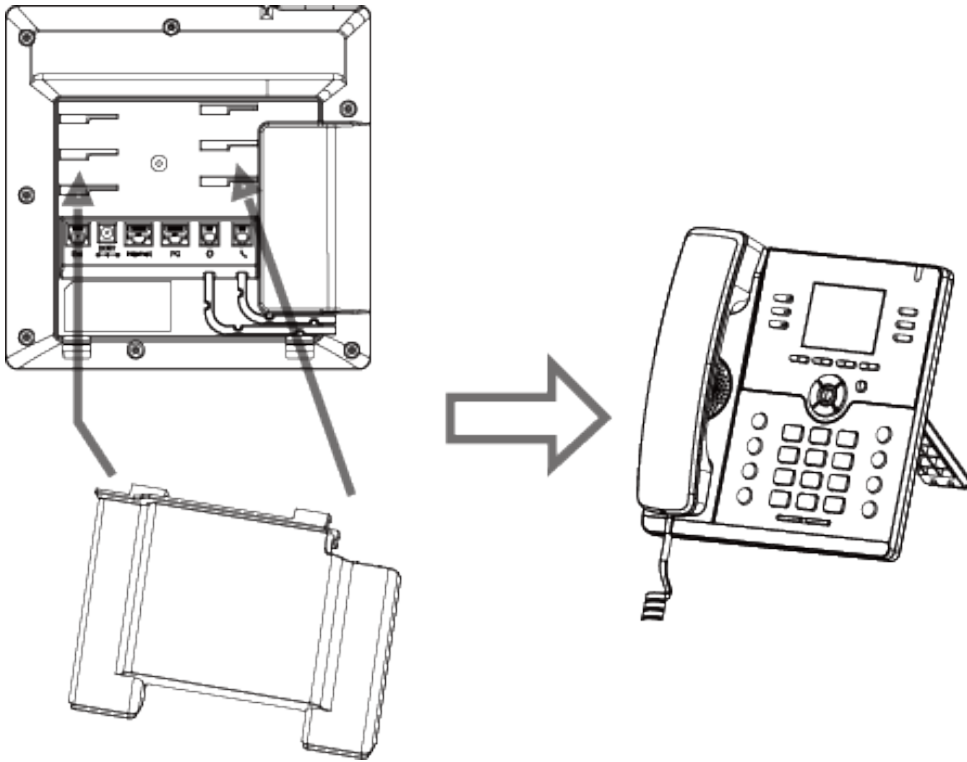


7. User Manual

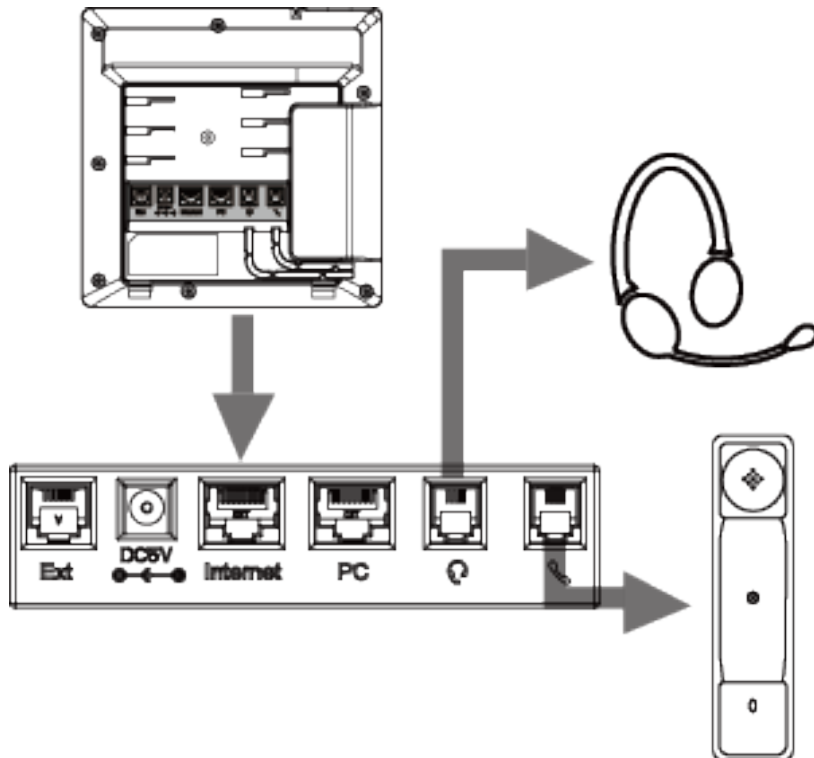


Phone Installation

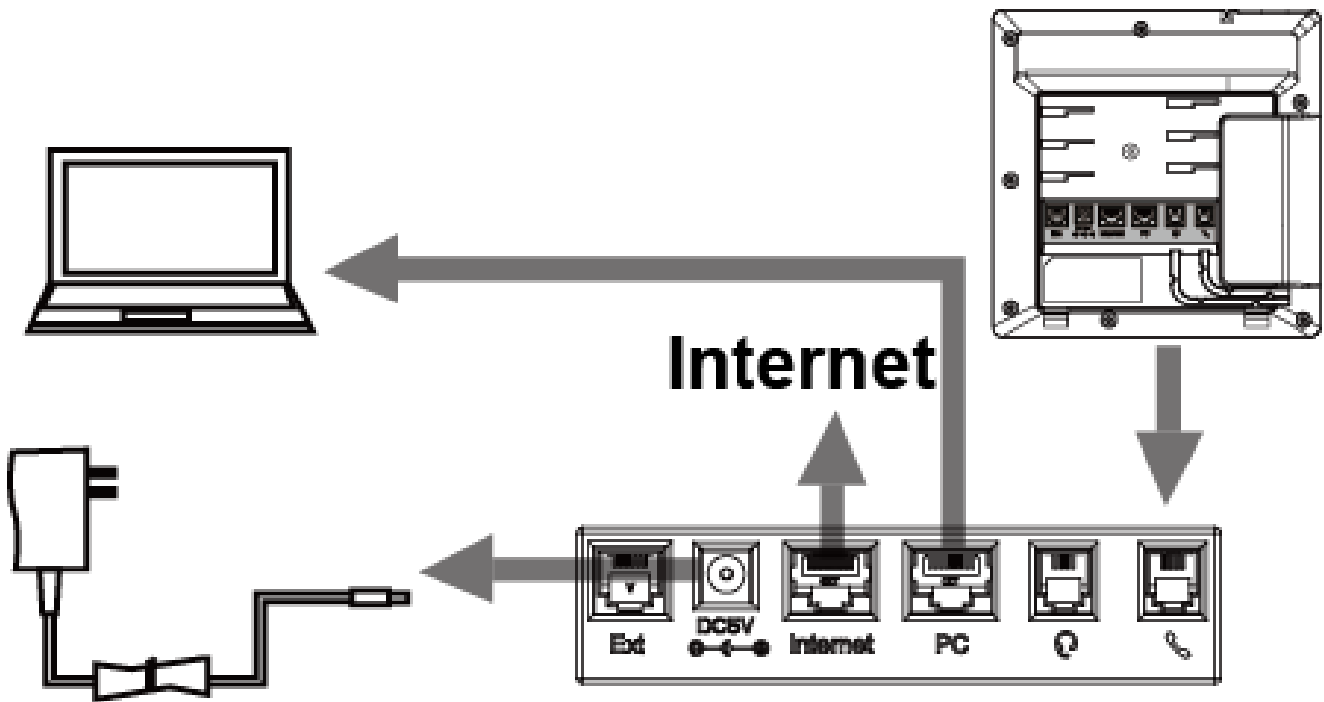
1. Attach the phone stand



2. Connect the Handset and optional Headset



3. Connect the Network and Power



Initialization

After your phone has been powered up, the system boots up and performs the following steps:

Automatic Phone Initialization

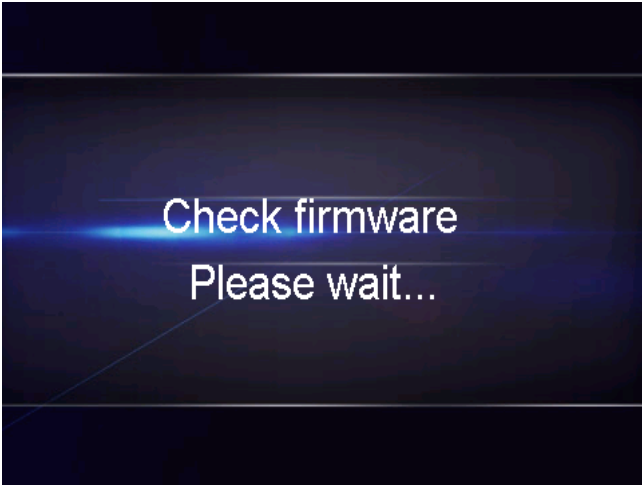
The phone finishes the initialization process by loading the saved configuration. The phone LCD screen will display "Booting"



And then show "Initializing" during the initialization.



The IP Phone will upgrade the firmware if there is a new firmware on your server. And the IP Phone will show "Check firmware, please waitg..." after initialization.



Then IP Phone will show Reboot information:



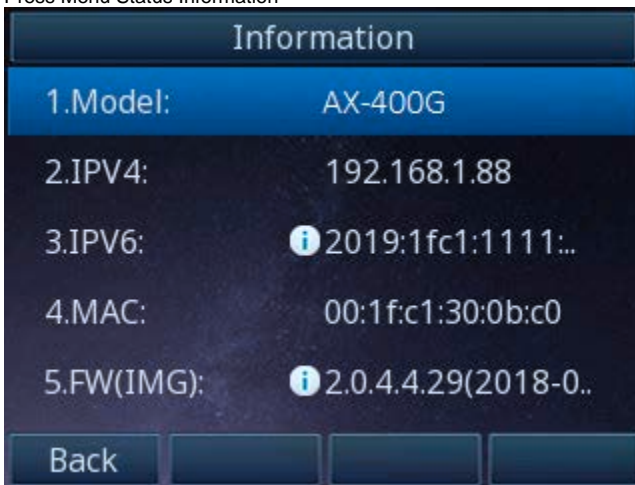
By default the phone attempts to contact a DHCP server in your network in order to obtain its valid network settings, e.g. IP address, subnet mask, default gateway, DNS server.

Status

You can view the system status of your phone via phone user interface or web user interface. The information of phone status includes: Information (e.g., Model, IP, MAC, Firmware, Hardware), Network (e.g., WAN Type, IP, Mask, LAN Type, Gateway, DNS ...) Account (e.g., register status of accounts)

To view the phone status via phone interface:

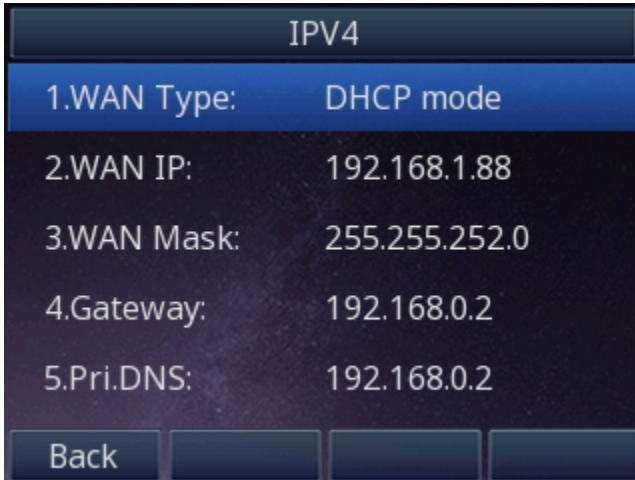
1. Press Menu Status Information



2. Press Menu Status Network



3. Press Menu Status NetworkIPV4



4. Press Menu Status NetworkIPV6

IPV6	
1.WAN Type:	DHCP mode
2.WAN IP:	 2019:1fc1:1111:...
3.Gateway:	/64
4.Pri.DNS:	
5.Sec.DNS:	
Back	

5. Press Menu Status Account(AX-400G support eight accounts)

Accounts	
1.860:	Registered
2.Empty:	Not Registered
3.Empty:	Not Registered
4.Empty:	Not Registered
5.Empty:	Not Registered
Back	

To view the phone status via Web interface:

Login web interface (For How to login, please refer to [Web Login](#))

View the information of Version, Account and Network.

Status

- Version** ?
 - Product Model: AX-400G
 - Firmware Version: BOOT--2.0.5.17(2018-10-26 14:23:00)
IMG--2.0.4.6.16(2019-03-04 16:50:00)
ROM--2.0.4.6.16(2019-03-07 10:29:00)
DSP--9.0.3(Patch 1.0.16M)
- Account Status** ?
 - Account1: Disabled
 - Account2: Disabled
 - Account3: Disabled
 - Account4: Disabled
 - Account5: Disabled
 - Account6: Disabled
 - Account7: Disabled
 - Account8: Disabled
- Network** ?
 - IP Mode (IPv4/IPv6): IPv4
 - Device Type: Bridge

NOTE

Version:
Shows product type and the version of firmware.

Account Status:
Shows the registered status of accounts.

Network:
Shows the detail information of WAN port and LAN port.

System Up Time:
Shows the running time after device power up.

Restart:
Restart the voip application

Registration

To register via phone interface:

1. Press Menu SettingsAdvanced Setting (default password: **admin**)Accounts
2. Select the desired account
3. Select Enable for Account active
4. Select the desired profile of the account.
5. Fill the SIP User ID, Authenticate ID
6. Fill the Password and Name (shown on LCD).
7. Press Save to save the configuration.

Note:

If there is a port of sip server, you need to press "1" on the keypad, then you will find the ":".

Additional Information:

When the current input method is ABC/abc/2ab,

Pressing "1", you will find ", . ?;:"

Pressing "0", you will find "< > () {} []"

Pressing "*", you will find "*/!@\$+."

Pressing "#", you will find "#%&*" |"

To register via Web interface:

1. Login Web interface and Click ProfileBasic.

The screenshot shows the Axtel web interface for configuring a SIP profile. The page title is "Profile" and the profile name is "Profile 1". The configuration fields are as follows:

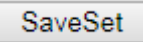
Field	Value
* Primary SIP Server	192.168.0.9
Failover SIP Server	
Second Failover SipServer	
Prefer Primary SIP Server	<input checked="" type="radio"/> No <input type="radio"/> Yes
Current SIP Server	tele.oxytel.pl
DHCP SIP Server	<input checked="" type="radio"/> No <input type="radio"/> Yes
Outbound Proxy	
Backup Outbound Proxy	
* SIP Transport	<input checked="" type="radio"/> UDP <input type="radio"/> TCP <input type="radio"/> TLS
NAT Traversal	<input type="radio"/> No <input checked="" type="radio"/> No, but send keep alive <input type="radio"/> STUN
DNS Mode	<input checked="" type="radio"/> A Record <input type="radio"/> SRV <input type="radio"/> NAPTR/SRV
Call Message Format	Regular

NOTE: The * fields must be filled (requires a phone restart)

Basic: The Basic parameters configured by the administrator.

Codecs: Select the codec you want to use.

Advanced: The advanced parameters configured by the administrator.

2. Fill the Primary SIP Server and other profile information.
3. Select the SIP Transport.
4. Click  to save the configuration.

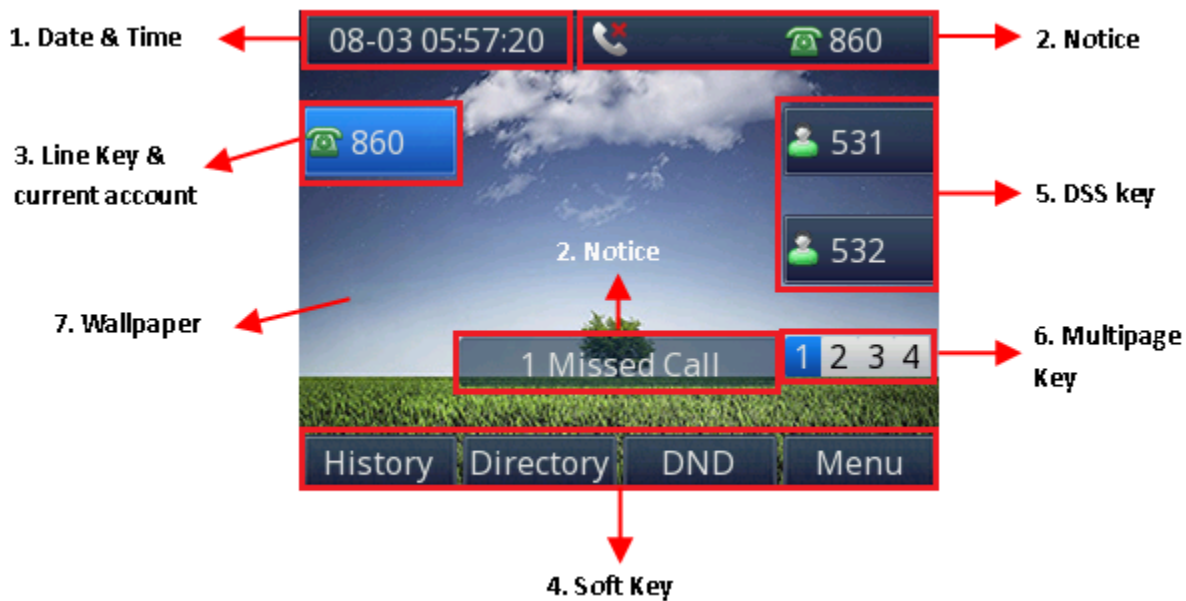
5. Click AccountBasic.

6. Select Yes for Account Active.
7. Select the desired Profile.
8. Fill the SIP User ID, Authenticate ID, Authenticate Password and other account information.
9. Click **SaveSet** to save the configuration.

Note:

1. All fields with *** must be filled. If changed, it requires a phone restart.
2. Account Status says the account registered successfully or not.

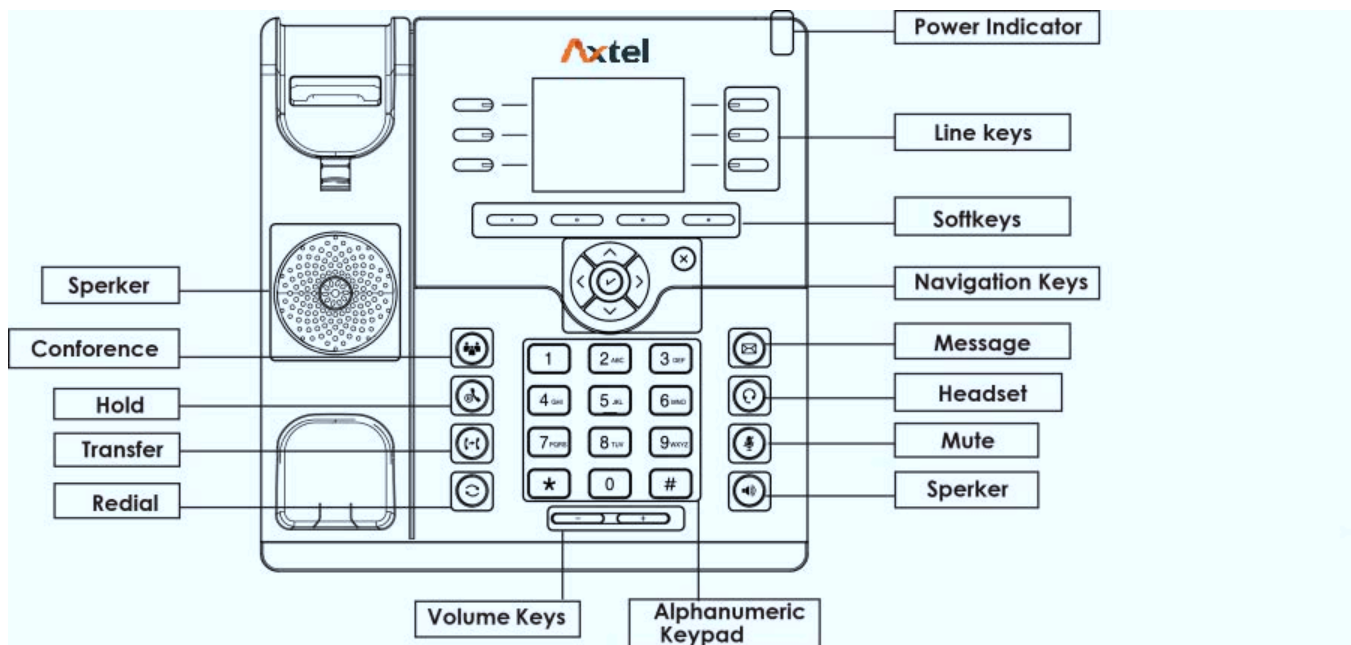
Idle Screen




Name	Description
1. Date & Time	It is the area that displays the current set date and time of the phone.
2. Notice	It is the area to display the phone's notifications such as missed calls, SMS, do not disturb mode and many more. For more info, see Icon Preview .
3. Line Keys	This area shows the line key labels. The current account is highlighted. you can switch the account by pressing right or left navigation key. The Line keys are also can be used as other function keys. For more information you can refer to Line Keys
4. Soft Key	This area shows the soft key labels. The default soft key labels are "History", "Directory", "DND" and "Menu". For more info, see Programmable Key
5. DSS key	The Line keys can be used for other function keys(e.g.: BLF)
6. Multipage key	AX-400G supports 20 keys,you can configure different types.you can view and use these keys by pressing the multipage key.
7. Wallpaper	This shows the current wallpaper picture. You can also change it. For more information you can refer to Wallpaper .

Getting Familiar with Your Phone

Hardware Components Preview



Item	Description
LCD screen	To Presentation all information about the date& time, accounts, soft keys, messages, calls and other some information.
Power Indicator LED	To indicate the power status
Line keys	The phone supported up to 8 accounts 1.Steady orange: idle interface, during a call.. 2.Blink orange: a call incoming
Soft keys	Labels automatically to identify their context-sensitive features.
Navigation keys	 <p>1. OK. Up arrow key: To move up of the selection shows on the screen.</p>



Right arrow key: To move right of the selection shows on the screen.



Left arrow key: To move left of the selection shows on the screen.



Down arrow key: To move down of the selection shows on the screen.



1. To return to idle screen.
2. To cancel the information or call on the screen.

Mute key



1. To mute the voice during the call (Red light).
2. To un-mute the call.

Conference











To place a conference call













Line Keys















To be configured as different function as:

1. Line
2. Speed Dial
3. BLF
4. BLF List
5. Voice Mail
6. Direct Pickup
7. Group Pickup
8. Call Park
9. Intercom
10. DTMF
11. Prefix
12. Local Group
13. XML Group
14. XML Browser
15. LDAP
16. Network Directories
17. Conference
18. Forward
19. Transfer
20. Hold
21. DND
22. Redial
23. Call Return
24. SMS
25. Record
26. URL Record
27. Paging
28. Group Listening
29. Public Hold
30. Private Hold
31. Hot Desking
32. ACD
33. Zero Touch
34. URL
35. Network Group
36. Multicast Paging
37. Group Call Park
38. CallPark Retrieve
39. Pull Call
40. Shared Line
 - The LED lights status when set as Shared line:
 - Stay green: Idle
 - Stay red: Busy
 - Blinked green: Ring Back
 - Blinked red: A call incoming
 - Steady orange: During a call
 - Blinked orange: Public Hold
 - Blinked green: Private Hold
 - Light Down: Unregistered
41. Broadsoft Group







Speaker	 Press this button to place a call in hands-free mode.
Redial	 To dial the previous dialed number. To act as send key.
Volume	 To decrease the volume.  To increase the volume.
Hold	 To hold or to resume a call during a conversation.
Transfer	 To transfer a call to a third party. To enable or disable Forward feature during the idle page.
Alphanumeric keypad	To enter the phone numbers, letters and so on.
Message	 To indicator the New message, and press to read.
Headset	 To indicate that the phone is or not in Headset mode.



Icon Preview

Icon	Description
	Network down
	Line(Registered succeed)
	Line (Unregistered)
	Line(Ringing)
	Speed Dial
	BLF
	BLF(Ringing)
	BLF(Talking)
	Speakerphone mode
	Handset mode
	Headset mode
	Voice messages

	Text message
	Mute
	Do Not Disturb
	Volume is 0
	SRTP
	Hold
	Dialed calls
	Received calls
	Missed calls
	Forward calls
	Conference
	Keypad locked
	Pick up
	Call Park

	Intercom/Paging
	DTMF
	Prefix
	XML Group
	Local Group
	XML Browser
	LDAP
	Broadsoft Group
	Conference

	Forward
	Transfer
	Hold
	Redial
	Call Return
	Record

	Stop Recording
	Group Listening
	Shared Line
	Other Functions

LED Instruction

This part mainly instructs the LED status. The Power LED Status describe on the premise that the LED setting all set as Yes. For LED status setting, please refer to: [LED Status Setting](#)

Power Indicator LED

LED Status	Description
Blinked Orange	Ringling or have missed call
Steady Orange	Idle status(Power on)
Off	Powered off.

Line LED:(Line or Line Key set as Line)

LED Status	Description
Blinked Orange	Hold
Steady Orange	Off hook or during a conversation.
Blinked Orange	Ringling.
Off	Idle status

BLF or BLF List Key LED:(Line/Line Key set as BLF)

LED Status	Description
Steady Orange	Idle status for the monitored line
Steady White	The monitored line is calling or during a call
Blinked Orange	The monitored line is ringing.
Off	All other unknown status

Shared Line LED:

LED Status	Description
off	Idle status
Stay orange	a member of the SCA group in off-hook status
Stay white	Other member of the SCA group's led status when a member of the SCA group in off-hook status
Blinked orange every 500ms	a member of the SCA group in Private hold status.
Stay white	Other member of the SCA group's led status when a member of the SCA group in Private hold status
Blinked orange every 500ms	a member of the SCA group in public hold status
Blinked white every 500ms	Other member of the SCA group's led status when a member of the SCA group in public hold status
Blinked orange every 500ms	a member of the SCA group in progressing status
Stay white	On other member of the SCA group's led status when a member of the SCA group is in progressing status
Blinked white every 100ms	Alerting
Stay orange	a member of the SCA group in active status when there is an incoming call designated for the SCA group
Stay white	Other member of the SCA group's led status when a member of the SCA group in active status

Other Key Led

Key	Description
Headset Key	When using in headset mode, the led is steady orange or the LED is off.
Message Key	Blinked orange when there is a new message or the LED is off.
Mute Key	White when the mute the call, or the LED is off.

User Interface

There are two ways to customize specific configurations on your IP phone:

- The user interface on the IP phone
- The user interface in a web browser on your PC

The hardware components keypad and LCD screen constitute the phone user interface, which allows the user to execute all call operation tasks and basic configuration changes directly on the phone. In addition, you can use the web user interface to access all configuration settings. In many instances, it is possible to use both the phone user interface and the web user interface to operate the phone and change settings. However, in some instances, it is only possible to use the phone or the web user interface.

Phone Interface Overview

Option	
Status	Information
	Network
	Accounts
Features	Call Forward
	Function Keys (Line and Line Key setting) More Key see Line Key Overview
	Key as Send
	Hot Line
	Anonymous Call
	DND
	History Setting
Directory	All Contacts

	Local Contacts
	BlackList
History	Local History
	Network CallLog
Message	Voice Mail View and Set.
	Text Message View and Set.
Basic Setting	Language
	Time & Date
	Time & Date Format
	DHCP Time
	Ring Tone
	Headset
	Font Size
Advanced Setting	Accounts
	Network
	Phone Setting
	Auto Provision
Display	Display Mode
	Wallpaper
	Screensaver
Others	Factory Function
	System Restart
	Device Reboot
	Pcap Feature

Line Key Function Overview

Line
Speed Dial
BLF
BLF List
Voice Mail
Direct Pickup
Group Pickup
Call Park
Intercom
DTMF
Prefix
Local Group
XML Group
XML Browser
LDAP

Network Directories
Conference
Forward
Transfer
Hold
DND
Redial
Call Return
SMS
Record
URL Record
Paging
Group Listening
Public Hold
Private Hold
Hot Desking
ACD
Zero Touch
URL
Network Group
Multicast Paging
Group Call Park
CallPark Retrieve
Pull Call
Shared Line
Broadsoft Group

Basic Setting Configuration

This part will mainly introduce the basic configuration as the Time, Language, and Volume...

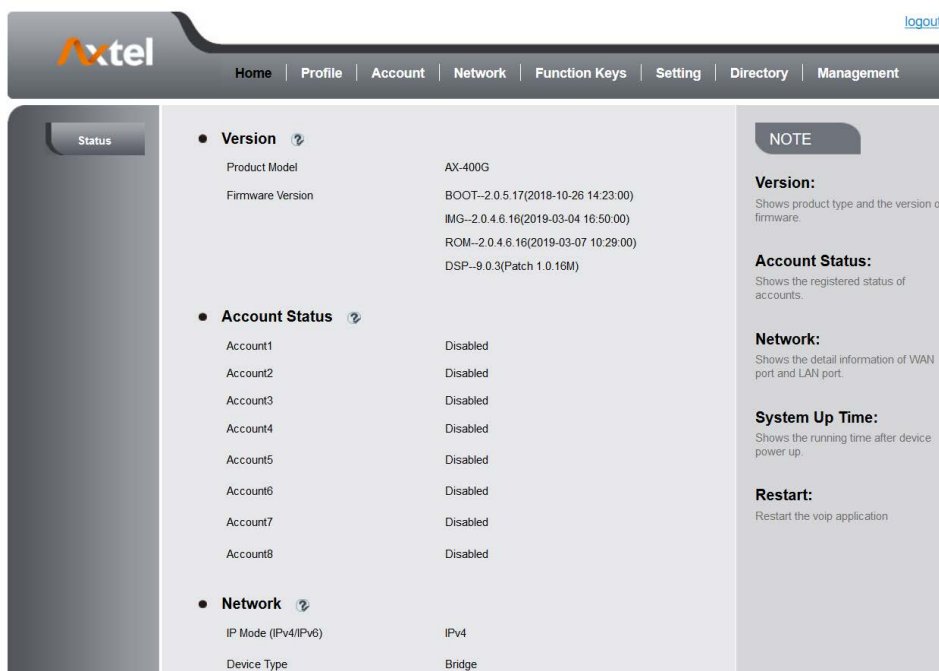
General Settings

Web Login

1. Get the IP address: Press Menu Status Information.



2. Input the IP Address in the web browser.
3. Input the user name (default is **admin**), password (default is **admin**).
4. Login successfully.



Note:
 The PC and phone should be in the same segment.
 When registering the accounts in web and the server port is not "5060", the "SIP Server" should be set as "SIP Server's IP address: server port.", for example, "192.168.0.122: 5090".

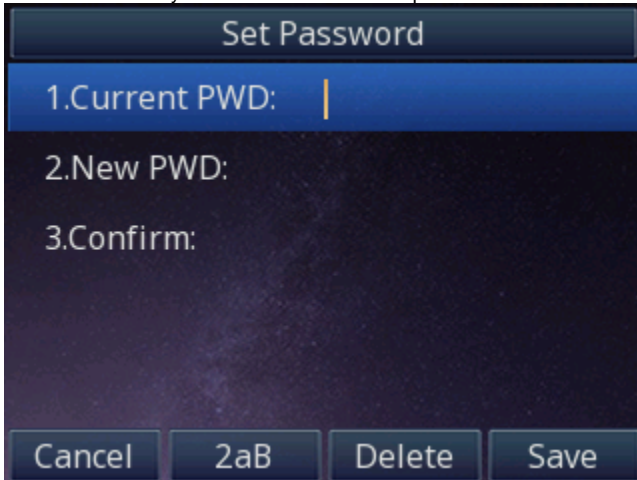
Administrator Password

The password is mainly used for login the Web interface or set the Advanced Setting through Phone interface. And the default password of the administrator is: **admin**

To change to password via Phone Interface

1. Press Menu Settings Advanced Setting password (default **admin**) Phone Setting Set Password
2. Enter the current PWD (password), new password and confirm the new password.

3. Press Save soft key or  to save the new password.



Set Password

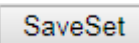
1.Current PWD: |

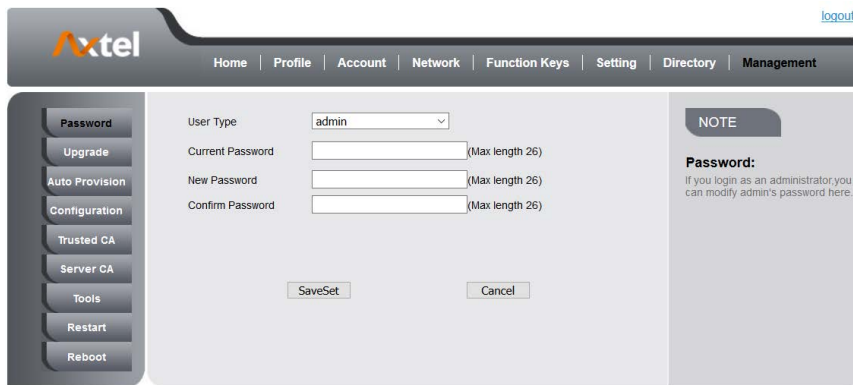
2.New PWD:

3.Confirm:

Cancel 2aB Delete Save

To change to password via Web Interface

1. Management Password
2. Fill the value
3. Click  to save the configuration.



[logout](#)

Axtel Home | Profile | Account | Network | Function Keys | Setting | Directory | Management

Password

User Type: admin

Current Password: (Max length 26)

New Password: (Max length 26)

Confirm Password: (Max length 26)

SaveSet Cancel

NOTE
Password:
 If you login as an administrator, you can modify admin's password here.

Note:
 When you use the Web interface: user name: **admin** password: **admin**(default)

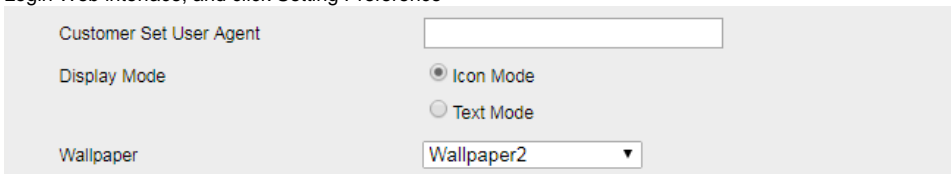
Display Mode

This phone support two Display mode: Text and Icon.
Icon Mode: all Items are shown same as the main with Icon.
Text Mode: Only the 8 main items will be shown as icon, and others all text description.
To Configure Display mode via Phone interface:

1. Press Menu DisplayDisplay Mode
2. Select Text or Icon
3. Press Save soft key to save the configuration.

To Configure Display mode via Web interface:

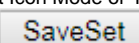
1. Login Web interface, and click Setting Preference



Customer Set User Agent: []

Display Mode: Icon Mode Text Mode

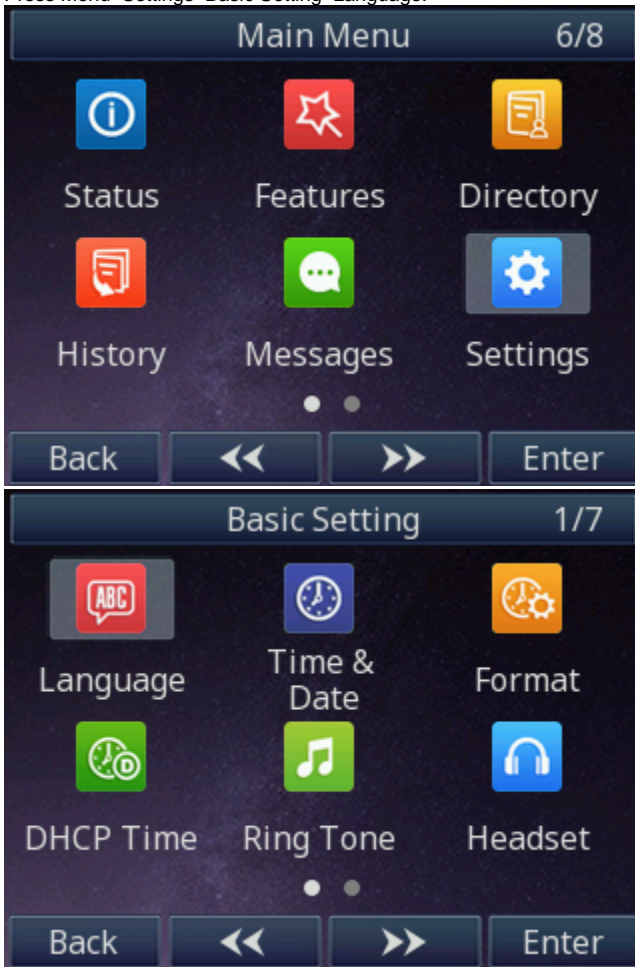
Wallpaper: Wallpaper2


2. Select Icon Mode or Text Mode for the Display mode
3. Click  to save the configuration.

Language

The default Phone interface language is English.
To change the language via Phone interface

1. Press Menu Settings Basic Setting Language.



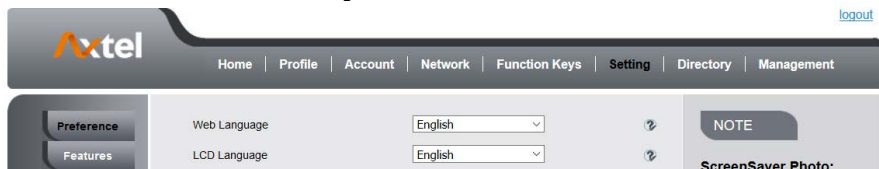
2. Press  or Save soft key to save the configuration.



To change the language via Web Interface

1. Setting Preference Web Language & LCD Language
2. Select the necessary one.

3. Press **SaveSet** to save the configuration.






Note:
All languages may not be available for selection. The available languages depend on the language packs currently loaded to the IP phone.

Wallpaper

To change wallpaper, go by the following steps:

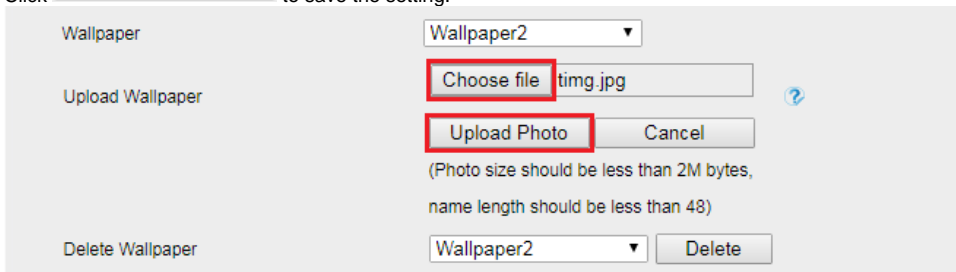
To change the wallpaper via Phone interface:

1. To press Menu Display Wallpaper
2. Press  and  or press Switch soft key to display the different pictures.
3. Press  or Save soft key to save the selected picture as the wallpaper.



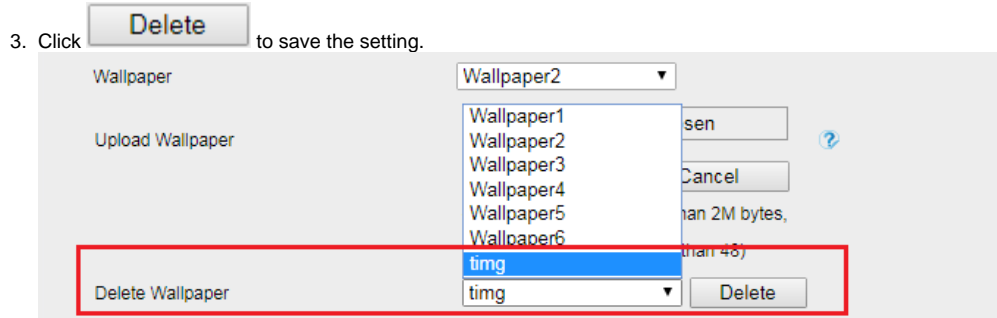
To change the wallpaper via Web interface:

1. Click SettingPreference
2. Select the desired wallpaper picture to upload.
3. Click **Upload Photo** to save the setting.



To delete the wallpaper via Web interface:

1. Click SettingPreference
2. Select the desired wallpaper to delete.



Note:
System wallpaper (Wallpaper1-Wallpaper6) cannot be deleted and only color IP Phones support uploading wallpaper.

Screen Saver

There are three types of screen saver: Time & Logo, Photo Switch and Static Photo.



Time & Logo: When the screensaver works, it will show Time and logo in turns.

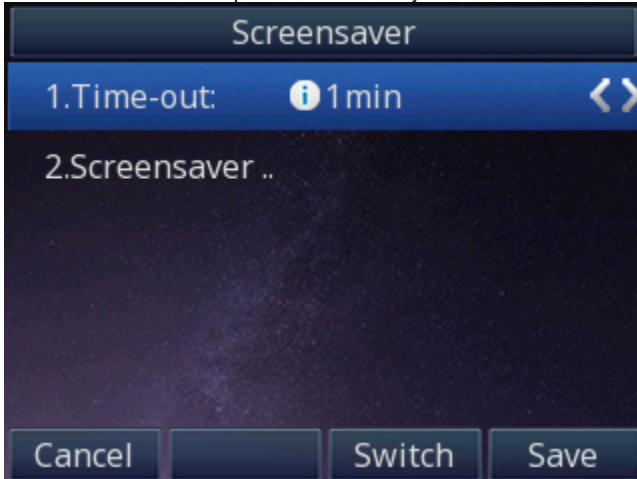
Photo Switch: All screensaver pictures display one by one.

Static Photo: Only the selected picture will display as screensaver.

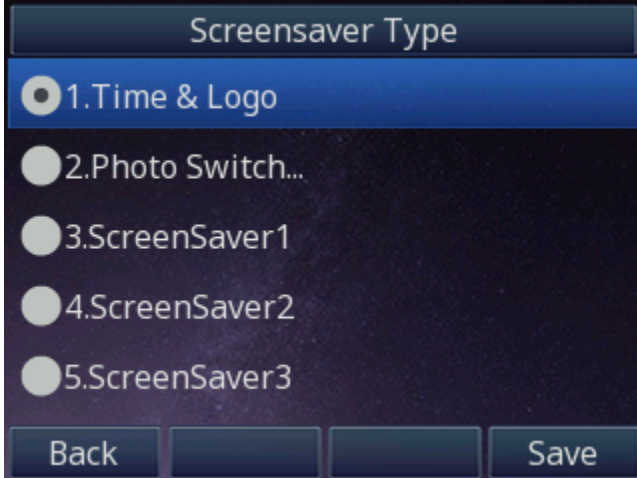
Text logo: It works with the **Time & Logo**, when enter the value, it will display the time and the entered value in turns.


To enable screen saver via Phone interface:

1. To press Menu Display Screensaver...
2. Press  and  or press Switch soft key to Choose the Time-out as 1 min or 2/5/10/30 minute, then press the Save button.






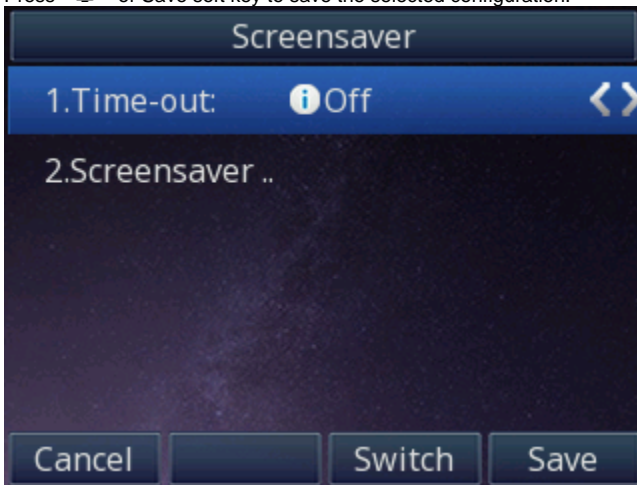
3. Enter the Screensaver Type to choose one of the type: Time & Logo, Photo Switch and Static Photo



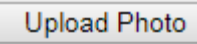
4. Press  or Save soft key to save the selected configuration.

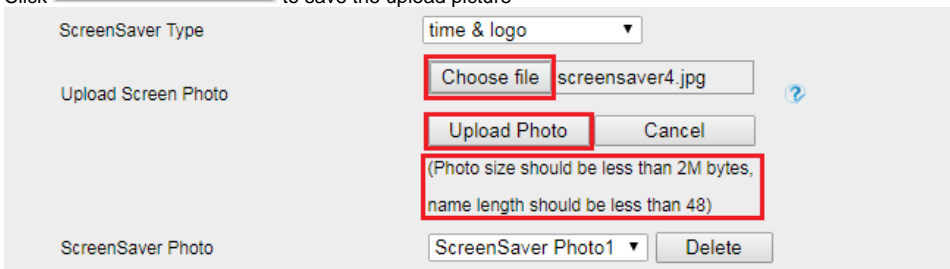
To disable screen saver via Phone interface

1. To press Menu Display Screensaver...
2. Press  and  or press Switch soft key to Choose the Time-out as off.
3. Press  or Save soft key to save the selected configuration.




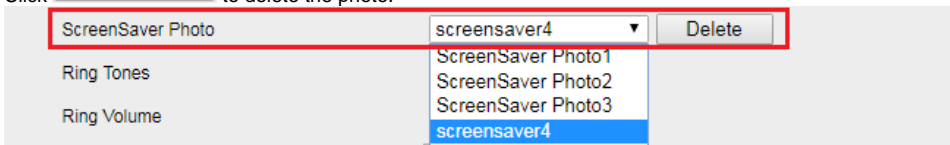
To upload screen saver via Web interface:

1. Setting Preference
2. Choose the picture wanted to use as screen saver
3. Click  to save the upload picture



To delete upload screen saver phone via Web interface:

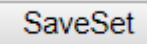
1. Setting Preference
2. Select the photo that to delete.
3. Click  to delete the photo.

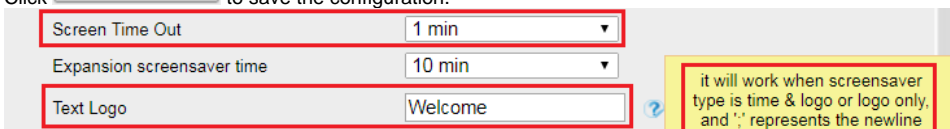


Note:

System Screen Photo (ScreenSaver1-ScreenSaver3) cannot be deleted and only color IP Phones support upload screensaver.

To custom text logo via Web interface:

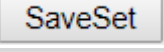
1. Click SettingPreference.
2. Choose the Time-out as 1 min or 2/5/10/30 minute.
3. Enter the desired value in the Text Logo field.
4. Click  to save the configuration.



To wake up screen saver via Web interface:

1. Setting Preference

2. Choose Dial First Digit: Screensaver Wakes up or Screensaver Wakes up and Dial

3. Click  to save the configuration.

Dial First Digit Screensaver Wakes up
 Screensaver Wakes up and Dial

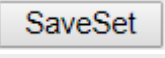
Note:


1. The upload Photo size should be less than 2MB, name length should be less than 48 characters, and the File name should be letters, numbers or underline '_' and photo number should be less than 9.
2. The default screensaver photos cannot be deleted.
3. You can only upload screen photos in format of '.bmp' and '.jpg'.

Backlight

To set Backlight via Web interface:

1. Click SettingPreference
2. Enter the time for Backlight time (In seconds).
The default is 0, which means Backlight is always on.

3. Click  to save the configuration.

Backlight Time 




Note:

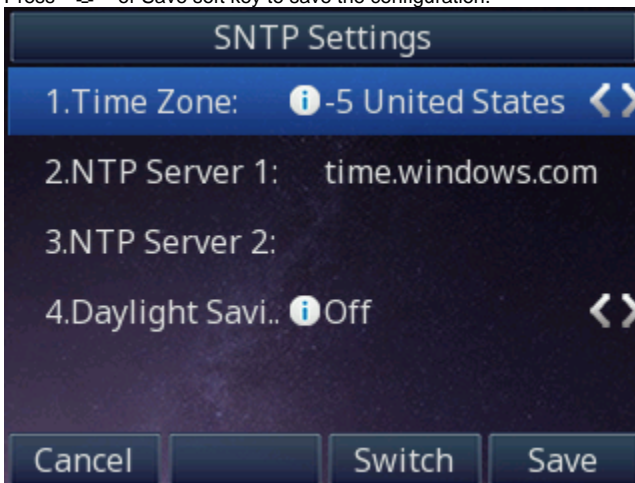
Backlight Time refers to the time into the backlight

Time and Date







Time and date is displayed on the idle page, and it can be set automatically by SNTP server or manually by manual setting.

To configure the time and Date by SNTP setting via Phone interface

1. To press Menu Settings Basic Setting Time & Date SNTP Settings
2. Press  or  to change the Time zone.
3. Fill the NTP Server1, NTP Server2, and select the mode of Daylight Saving.
4. Press  or Save soft key to save the configuration.






The screenshot shows the 'SNTP Settings' screen with the following fields and options:

- 1. Time Zone:  -5 United States  
- 2. NTP Server 1: time.windows.com
- 3. NTP Server 2:
- 4. Daylight Savi..  Off  

At the bottom, there are four buttons: Cancel, Switch, and Save.






To configure time and date manually via Phone interface

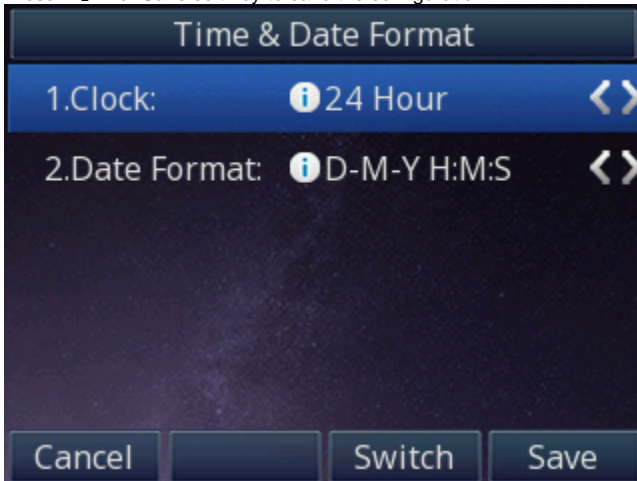
1. To press Menu Settings Basic Setting Time & Date Manual
2. Press  and  or change the right time, or you can input the right time.

3. Press  or Save soft key to save the configuration.






To configure the Time & Date Format via Phone interface

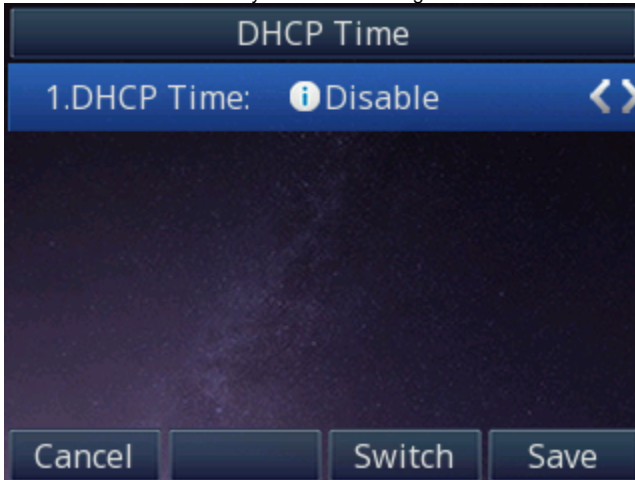
1. Press Menu Settings Basic Setting Time & Date Format
2. Press  and  to change between 12 Hour or 24 Hour time display.
3. Press  and  to change date display format among Y-M-D(year-month-day), M-D-Y(month-day-year), D-M-Y(day-month-year).
4. Press  or Save soft key to save the configuration.



To configure the DHCP time via Phone interface

1. To press Menu Settings Basic Setting DHCP Time
2. Press  and  to change between Disable and Enable.

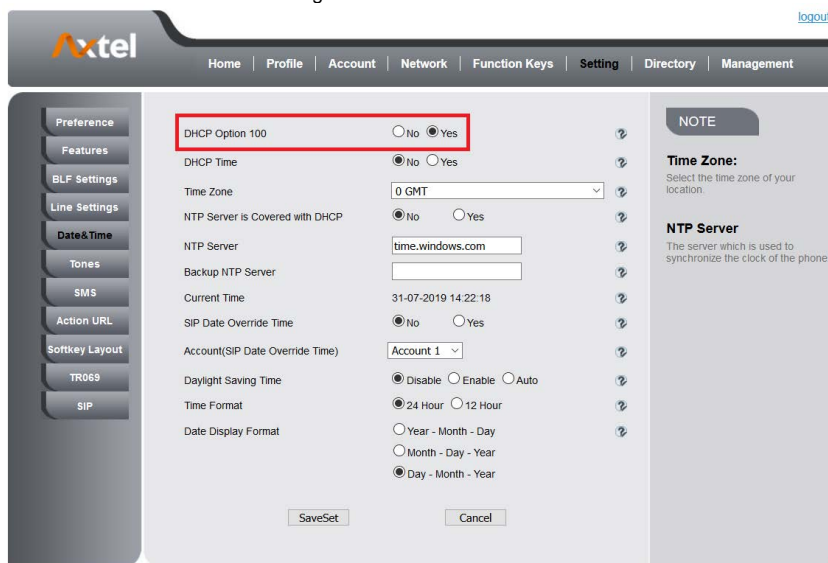
3. Press  or Save soft key to save the configuration.



To configure the DHCP Option 100

1. To press Menu Settings Date & Time DHCP Option 100
2. Select Yes for the DHCP SIP Server

3. Click  to save the configuration



To configure the NTP Server by Web interface

1. Login web page.
Login name: admin, password: admin(default)
2. Setting Date & Time NTP Server
3. Fill the value in the blank.

4. Click **SaveSet** to save the configuration.

The screenshot shows the Axtel web interface with the 'Date & Time' settings page. The 'NTP Server' field is highlighted with a red box and contains the text 'time.windows.com'. The 'SaveSet' button is visible at the bottom.

To change the Time Zone and Date Display Format via Web interface

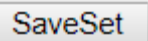
1. Setting Date & Time
2. Select the necessary one.

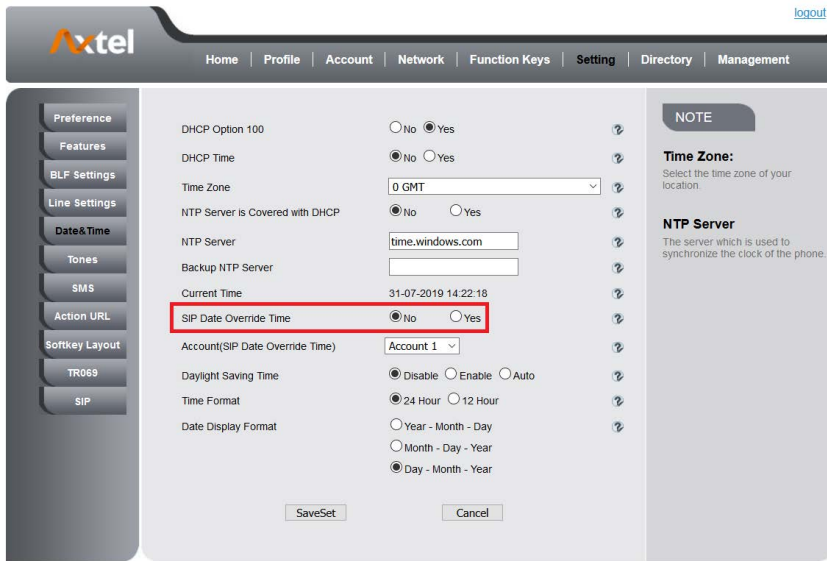
3. Press **SaveSet** to save the configuration.

The screenshot shows the Axtel web interface with the 'Date & Time' settings page. The 'Time Zone' dropdown menu is highlighted with a red box and shows '0 GMT'. The 'Time Format' and 'Date Display Format' options are also highlighted with a red box. The 'SaveSet' button is visible at the bottom.

To change the SIP Date Override Time via Web interface

1. Setting Date & Time SIP Date Override Time
2. Select Yes or No for SIP Date Override Time .

3. Click  to save the configuration.

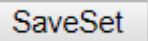


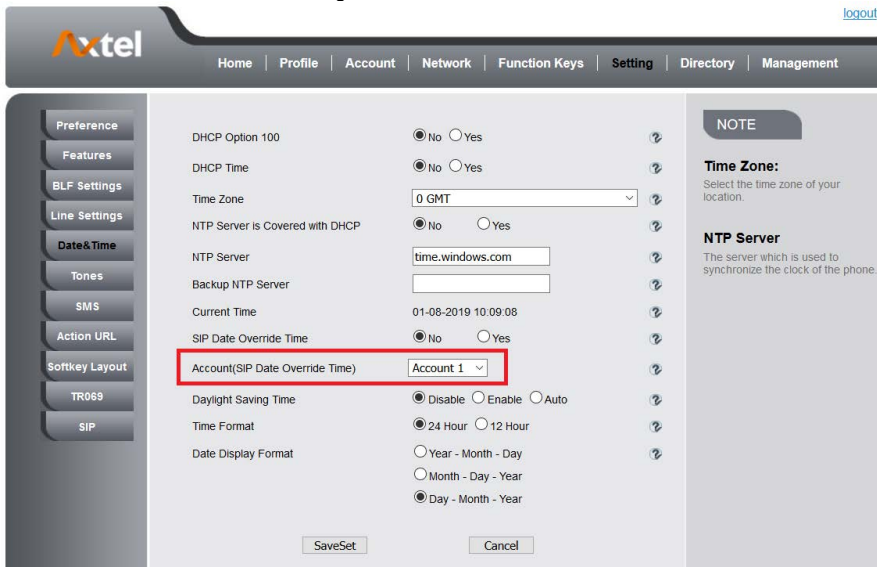
The screenshot shows the Axtel web interface with the 'Setting' menu selected. The 'Date & Time' category is active in the left sidebar. The main content area displays various time-related settings:

- DHCP Option 100: No Yes
- DHCP Time: No Yes
- Time Zone: 0 GMT
- NTP Server is Covered with DHCP: No Yes
- NTP Server: time.windows.com
- Backup NTP Server: [Empty field]
- Current Time: 31-07-2019 14:22:18
- SIP Date Override Time: No Yes** (highlighted with a red box)
- Account(SIP Date Override Time): Account 1
- Daylight Saving Time: Disable Enable Auto
- Time Format: 24 Hour 12 Hour
- Date Display Format: Year - Month - Day Month - Day - Year Day - Month - Year

Buttons for 'SaveSet' and 'Cancel' are at the bottom. A 'NOTE' section on the right explains 'Time Zone' and 'NTP Server'.

To change the Account via Web interface

1. Setting Date & Time Account.
2. Select desired Account.
3. Click  to save the configuration.



The screenshot shows the Axtel web interface with the 'Date & Time' settings page. The 'Account(SIP Date Override Time)' dropdown menu is highlighted with a red box.

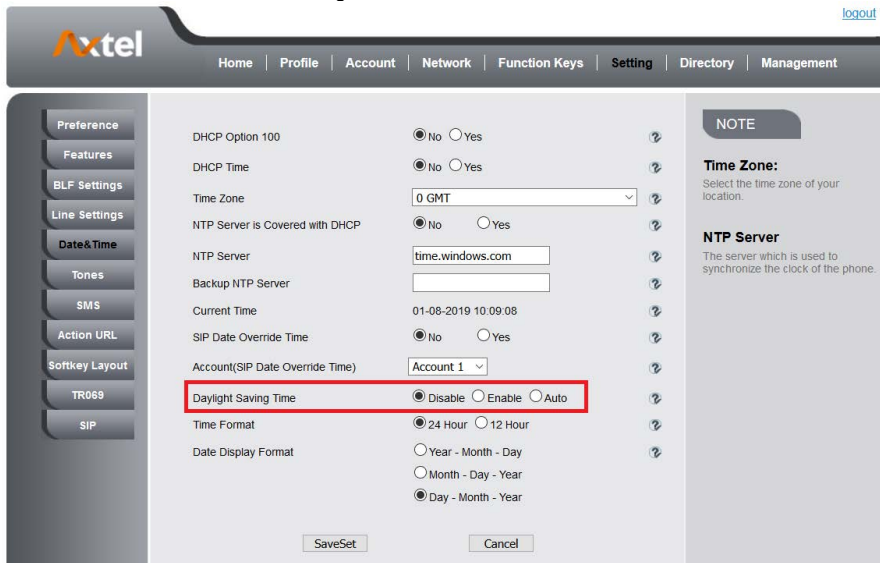
- DHCP Option 100: No Yes
- DHCP Time: No Yes
- Time Zone: 0 GMT
- NTP Server is Covered with DHCP: No Yes
- NTP Server: time.windows.com
- Backup NTP Server: [Empty field]
- Current Time: 01-08-2019 10:09:08
- SIP Date Override Time: No Yes
- Account(SIP Date Override Time): Account 1** (highlighted with a red box)
- Daylight Saving Time: Disable Enable Auto
- Time Format: 24 Hour 12 Hour
- Date Display Format: Year - Month - Day Month - Day - Year Day - Month - Year

Buttons for 'SaveSet' and 'Cancel' are at the bottom. A 'NOTE' section on the right explains 'Time Zone' and 'NTP Server'.

To change the Daylight Saving Time via Web interface

1. Setting Date & Time Daylight Saving Time
2. Select Disable or Enable or Auto for Daylight Saving Time.

- Click  to save the configuration.



The screenshot shows the Axtel web interface with the 'Date & Time' settings page. The 'Daylight Saving Time' option is highlighted with a red box and is set to 'Disable'. Other settings include DHCP Option 100 (No), DHCP Time (No), Time Zone (0 GMT), NTP Server is Covered with DHCP (No), NTP Server (time.windows.com), Backup NTP Server, Current Time (01-08-2019 10:09:08), SIP Date Override Time (No), Account (Account 1), Time Format (24 Hour), and Date Display Format (Day - Month - Year). A 'NOTE' section on the right explains the Time Zone and NTP Server settings.

Note:
If the IP Phone cannot obtain the time and date from the Simple Network Time Protocol (SNTP) server, please contact your system administrator for more information.

Daylight Saving Time

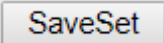
Daylight Saving Time (DST) is the practice of temporary advancing clocks during the summertime so that evenings have more daylight and mornings have less. Typically, clocks are adjusted forward one hour at the start of spring and backward in autumn. Many countries have used the DST at various times, details vary by location. The DST can be adjusted automatically from the time zone configuration. Typically, there is no need to change this setting.

LED Status Setting

The LED Status setting mainly defines the power indicator LED.

To configure LED Status via Web interface:

- Click SettingPreference
- Select Yes or No for Power Status, Ringing Status, Miss Calls Status and Voice Message Status.

- Click  for the setting.



For the LED status description, see: LED Instruction [Power Indicator LED](#)


LED Status Setting:

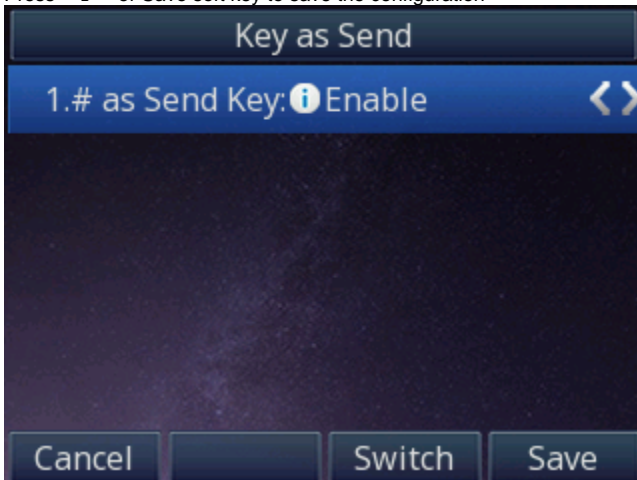
Power Status	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Ringing Status	<input checked="" type="radio"/> Yes	<input type="radio"/> No
MissCalls Status	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Voice Message Status	<input type="radio"/> Yes	<input checked="" type="radio"/> No

Key as Send




To configure Key as Send via Phone interface:

- Press Menu Features Key as Send
- Press  and  key to select the enable choice.

3. Press  or Save soft key to save the configuration



To cancel # Key as Send via Phone interface:

1. Press Menu Features Key as Send
2. Press  and  key to select the disable choice.
3. Press  or Save soft key to save the configuration

Network Setting

Axtel IP Phone supports IPv4, IPv6, IPv4&IPv6.They have three modes of Network: DHCP, Static, and PPPoE. The default mode is DHCP, it will obtain IP address and other information automatically.

If your phone cannot contact a DHCP server for any reason, you need to configure a static IP address manually.

When switch DHCP, Static IP and PPPoE to each other, or change the Static IP on Web interface , it will show the warning of restart as following.



Network settings have been changed, Are you sure reboot the phone to save changes?




IPv4

If you set IP Mode to IPv4, IP phone will use IPv4 address. IPv4 has three network modes: DHCP, Static, and PPPoE

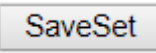
To configure IPv4 via Phone interface:

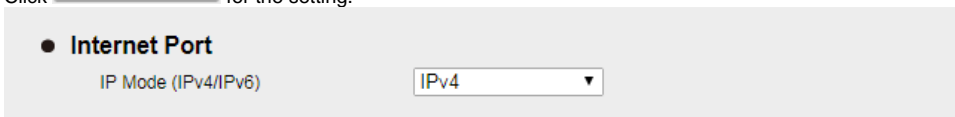
1. Press MenuSettingsAdvanced Setting (password: admin) NetworkWAN Port IP Port Mode.
2. Press  or  to change the IP Port Mode..

3. Press  or Save soft key to save the configuration.



To configure IPv4 via Web interface:

1. Click NetworkBasic Internet Port
2. Select IPV4 for Internet Port
3. Click  for the setting.



To configure DHCP via Phone interface:

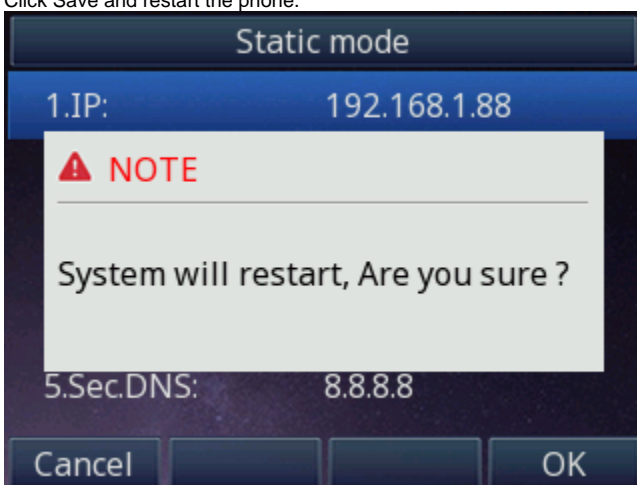
1. Press MenuSettingsAdvanced Setting (password: admin) NetworkWAN Port IPV4DHCP mode.
2. Click Save and restart the phone.

To configure a static IP address via Phone interface:

1. Press MenuSettingsAdvanced Setting (password: admin) NetworkWAN Port IPV4 Static mode.
2. Enter the parameters: IP, Netmask, Gateway, Pri.DNS(primary DNS), Sec.DNS (secondary DNS) in the corresponding fields.



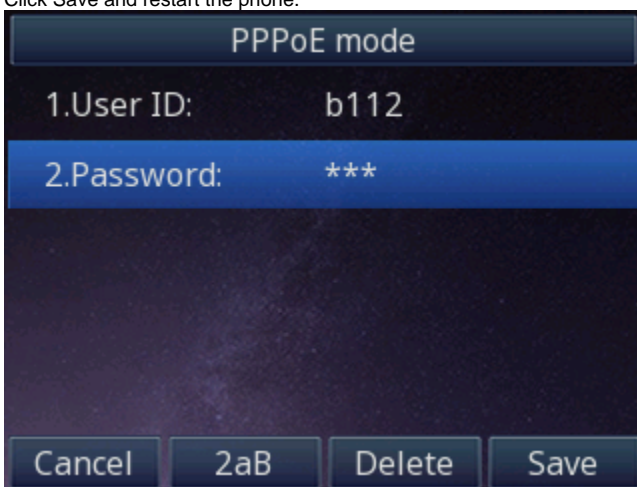
3. Click Save and restart the phone.



4. Press the OK soft key to accept the change or the Cancel soft key to cancel. If you are using an xDSL modem, you can connect your phone to the Internet via PPPoE mode. You can set a WAN port to be a PPPoE port. The PPPoE port will perform a PPP negotiation to obtain the IP address. Contact your system administrator for the PPPoE user name and password.

To configure PPPoE via Phone interface:

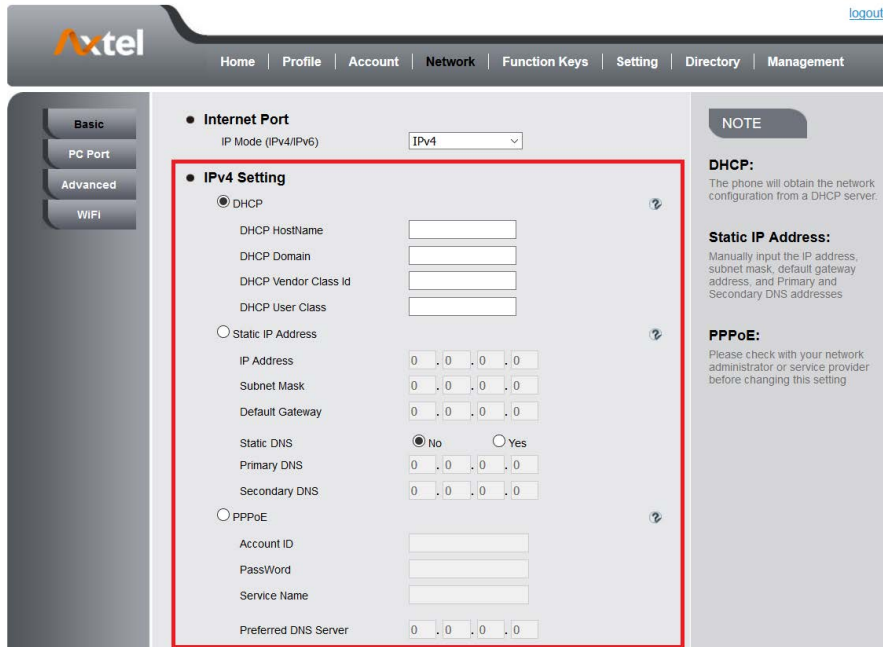
1. Press MenuSettingsAdvanced Setting (password: admin) NetworkWAN Port PPPoE mode.
2. Enter the User ID and password
3. Click Save and restart the phone.



To configure Network via Web interface:




1. Click NetworkBasicIPv4 setting
2. Select the desired Type: DHCP, Static or PPPoE
3. Fill the necessary information.

4. Click  and restart the phone.




IPv6

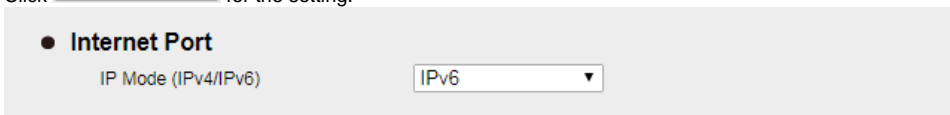
If you set IP Mode to IPv6, IP phone will use IPv6 address. IPv6 has two network modes: DHCP, Static
To configure IPv6 via Phone interface:

1. Press MenuSettingsAdvanced Setting (password: admin) NetworkWAN Port IP Port Mode.
2. Press  or  to change the IP Port Mode..
3. Press  or Save soft key to save the configuration.



To configure IPv6 via Web interface:

1. Click NetworkBasic Internet Port
2. Select IPv6 for Internet Port
3. Click  for the setting.



To configure DHCP via Phone interface:

1. Press MenuSettingsAdvanced Setting (password: admin) NetworkWAN Port IPv6DHCP mode.
2. Click Save and restart the phone.

To configure a static IP address via Phone interface:

1. Press MenuSettingsAdvanced Setting (password: admin) NetworkWAN Port IPv6 Static mode.
2. Enter the parameters: IP, IPV6 Prefix, Gateway, Pri.DNS(primary DNS), Sec.DNS (secondary DNS) in the corresponding fields.

The screenshot shows a configuration window titled "Static mode" with a dark background. It contains five input fields:

- 1.IP: a1e:5874:e735:6399
- 2.IPV6 Prefix: 64
- 3.Gateway: 5:1fc1:1111:1111::1
- 4.Pri.DNS:
- 5.Sec.DNS:

At the bottom, there are four buttons: "Cancel", a small square button, another small square button, and "OK".

3. Click OK and restart the phone.

This screenshot shows the same "Static mode" configuration window as above, but with a white dialog box overlaid in the center. The dialog box has a red warning triangle icon and the text:

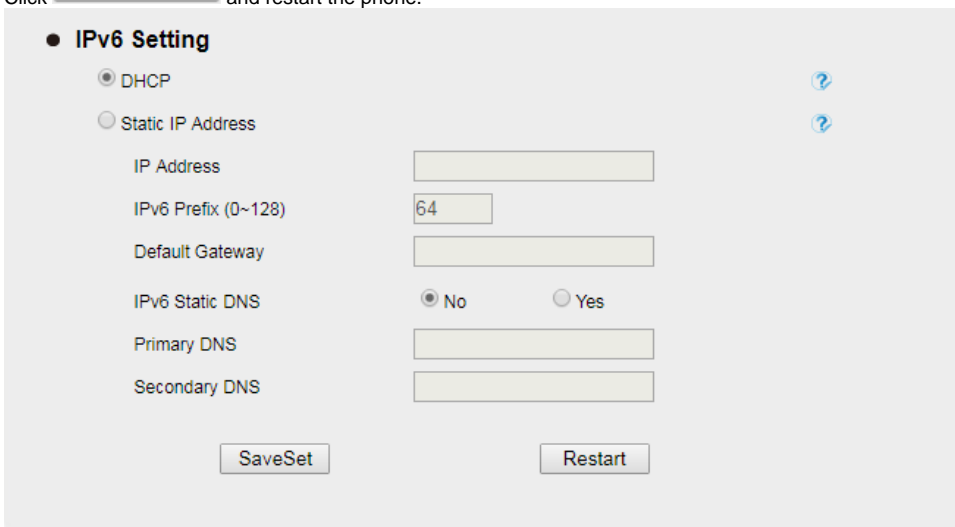
NOTE
System will restart, Are you sure ?

The dialog box is positioned over the "5.Sec.DNS:" field. The "Cancel" and "OK" buttons are visible at the bottom of the screen.

To configure Network via Web interface:

1. Click NetworkBasicIPv6 setting
2. Select the desired Type: DHCP, Static
3. Fill required fields.

4. Click  and restart the phone.



IPv6 Setting

DHCP

Static IP Address

IP Address

IPv6 Prefix (0~128)

Default Gateway

IPv6 Static DNS No Yes




Primary DNS


Secondary DNS

IPv4&IPv6




If you set IP Mode to IPv4&IPv6, IP phone will support both IPv4 and IPv6 address. The settings of DHCP, Static, and PPPoE are same as above.

To configure IPv4&IPv6 via Phone interface:

1. Press MenuSettingsAdvanced Setting (password: admin) NetworkWAN Port IP Port Mode.
2. Press  or  to change the IP Port Mode..
3. Press  or Save soft key to save the configuration.



WAN Port

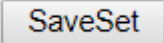
1.IP Port Mode:  IPV4&IPV6  

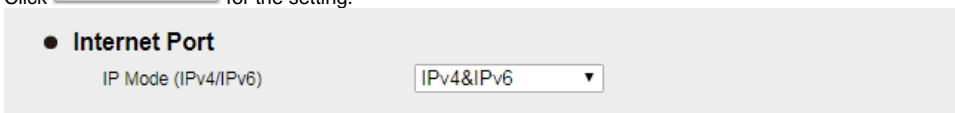
2.IPV4

3.IPV6

4.WAN HTTP A..  Enable  

To configure IPv4&IPv6 via Web interface:

1. Click NetworkBasic Internet Port
2. Select IPv4&IPv6 for Internet Port
3. Click  for the setting.



Internet Port

IP Mode (IPv4/IPv6)

Note:

Wrong network parameters may result in inaccessibility of your phone and may also have an impact on your network performance. For more information about these parameters, contact your system administrator.

PC Port

Three modes for PC port: bridge, connect to Expansion Module and router.

To configure PC Bridge via Phone interface:

1. Press MenuSettingsAdvanced Setting (password: admin) NetworkPC Port Bridge mode.
2. Click Save.
3. Click the OK button, then the phone will reboot.

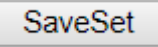
To configure PC router via Phone interface:

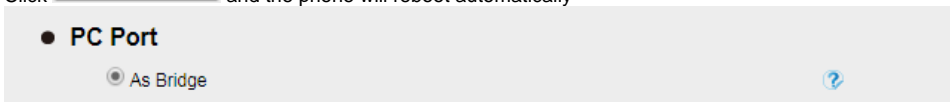
1. Press MenuSettingsAdvanced Setting (password: admin) NetworkPC Port Router mode.
2. Enter the IP, Netmask and DHCP server
3. Click Save.
4. Click the OK button, then the phone will reboot.

To configure PC, Connect to Expansion Module via Phone interface:

1. Press MenuSettingsAdvanced Setting (password: admin) NetworkPC Port Connect to Module.
2. Click Save.
3. Click the OK button, then the phone will reboot

To configure Bridge via Web interface:

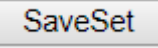
1. Click NetworkPC Port
2. Select As Bridge
3. Click  and the phone will reboot automatically

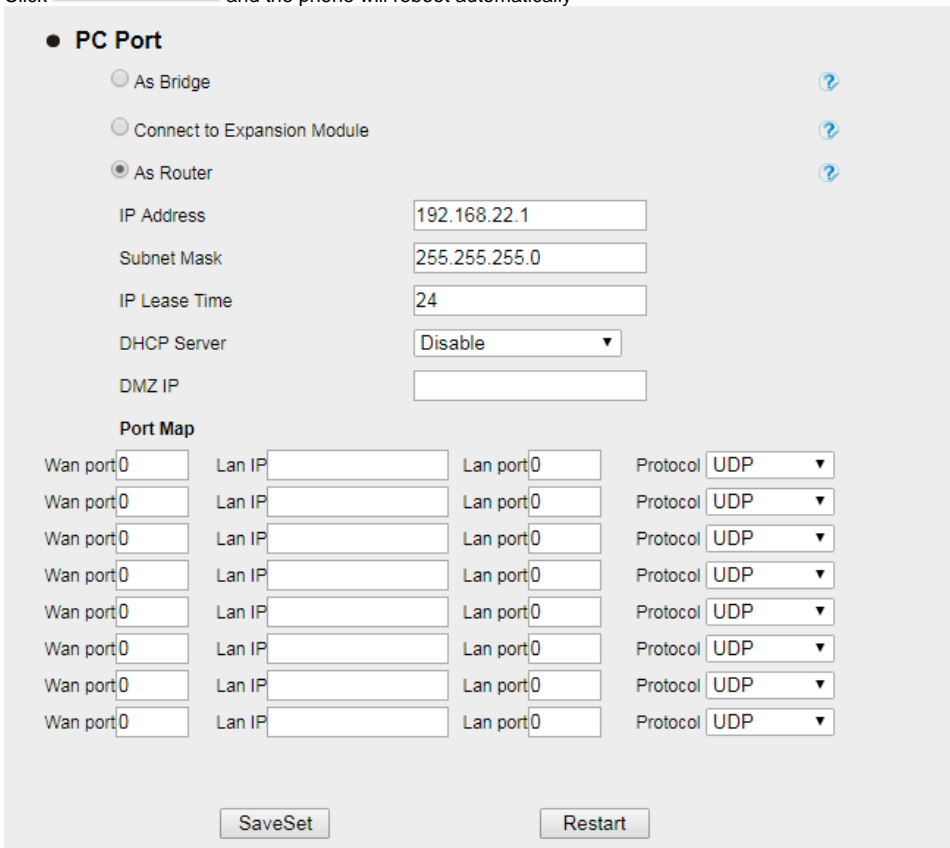


● PC Port

As Bridge ?

To configure Router via Web interface:

1. Click Network PC Port
2. Select As Router
3. Fill the IP address and other necessary information.
4. Click  and the phone will reboot automatically



● PC Port

As Bridge ?

Connect to Expansion Module ?

As Router ?

IP Address

Subnet Mask

IP Lease Time

DHCP Server

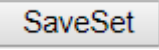
DMZ IP

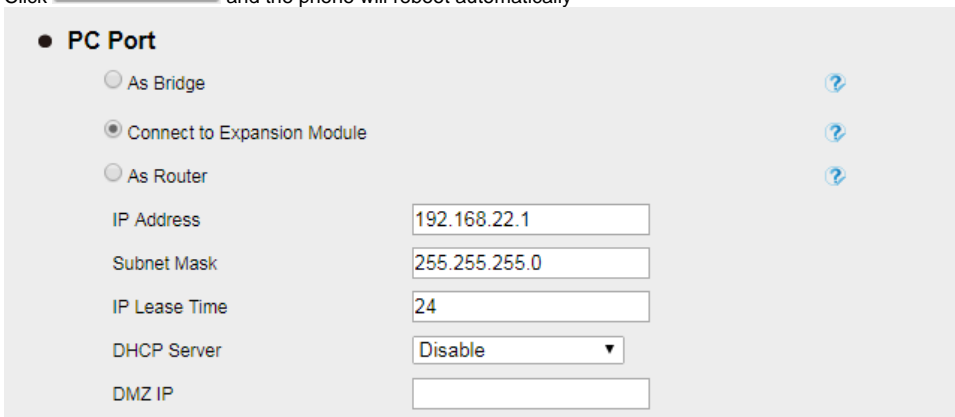
Port Map

Wan port	<input type="text" value="0"/>	Lan IP	<input type="text"/>	Lan port	<input type="text" value="0"/>	Protocol	<input type="text" value="UDP"/>
Wan port	<input type="text" value="0"/>	Lan IP	<input type="text"/>	Lan port	<input type="text" value="0"/>	Protocol	<input type="text" value="UDP"/>
Wan port	<input type="text" value="0"/>	Lan IP	<input type="text"/>	Lan port	<input type="text" value="0"/>	Protocol	<input type="text" value="UDP"/>
Wan port	<input type="text" value="0"/>	Lan IP	<input type="text"/>	Lan port	<input type="text" value="0"/>	Protocol	<input type="text" value="UDP"/>
Wan port	<input type="text" value="0"/>	Lan IP	<input type="text"/>	Lan port	<input type="text" value="0"/>	Protocol	<input type="text" value="UDP"/>
Wan port	<input type="text" value="0"/>	Lan IP	<input type="text"/>	Lan port	<input type="text" value="0"/>	Protocol	<input type="text" value="UDP"/>
Wan port	<input type="text" value="0"/>	Lan IP	<input type="text"/>	Lan port	<input type="text" value="0"/>	Protocol	<input type="text" value="UDP"/>
Wan port	<input type="text" value="0"/>	Lan IP	<input type="text"/>	Lan port	<input type="text" value="0"/>	Protocol	<input type="text" value="UDP"/>

To configure PC, Connect to Expansion Module via Web interface:

1. Click Network PC Port

2. Select Connect to Expansion Module
3. Click  and the phone will reboot automatically



PC Port

- As Bridge ?
- Connect to Expansion Module ?
- As Router ?

IP Address: 192.168.22.1

Subnet Mask: 255.255.255.0

IP Lease Time: 24

DHCP Server: Disable

DMZ IP:

Contact Setting

This section provides the operating instructions for managing contacts. The topics include:


- Local Directory
- Remote Phonebook
- LDAP
- Search Contact

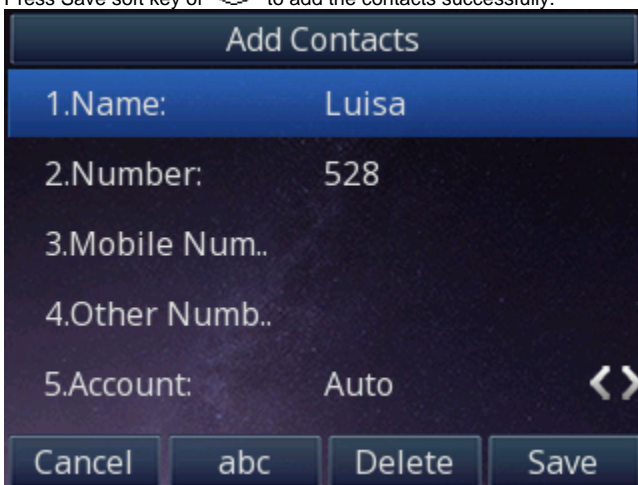
Local Directory

In the directory, you can add or delete your friends, business partner or anyone others' phone No., so you will not forget their number. Or put some anonymous phone No. in the blacklist to prevent from being disturbed. The local Directory can add up to 1000 contacts.

A. To add contacts list into local directory

To add contacts manually via Phone interface

1. Press Menu Directory Local Contacts
2. Press Add soft key.
3. Enter the necessary information as Name, Phone number...
4. Press Save soft key or  to add the contacts successfully.



Add Contacts

1.Name: Luisa

2.Number: 528





3.Mobile Num..


4.Other Numb..

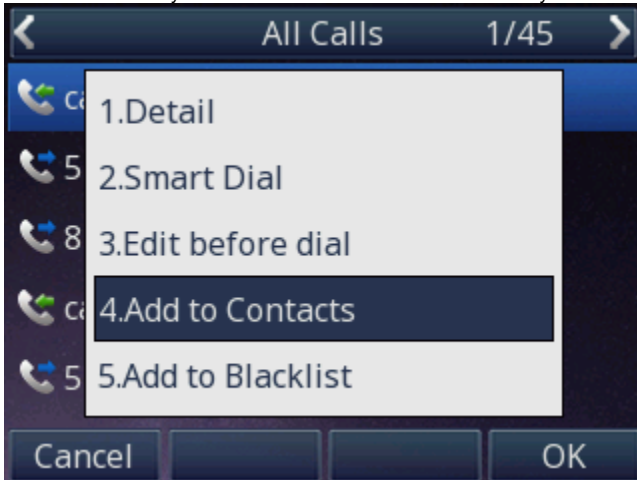
5.Account: Auto <>

Cancel abc Delete Save


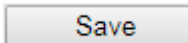
To add contacts from history via Phone interface:

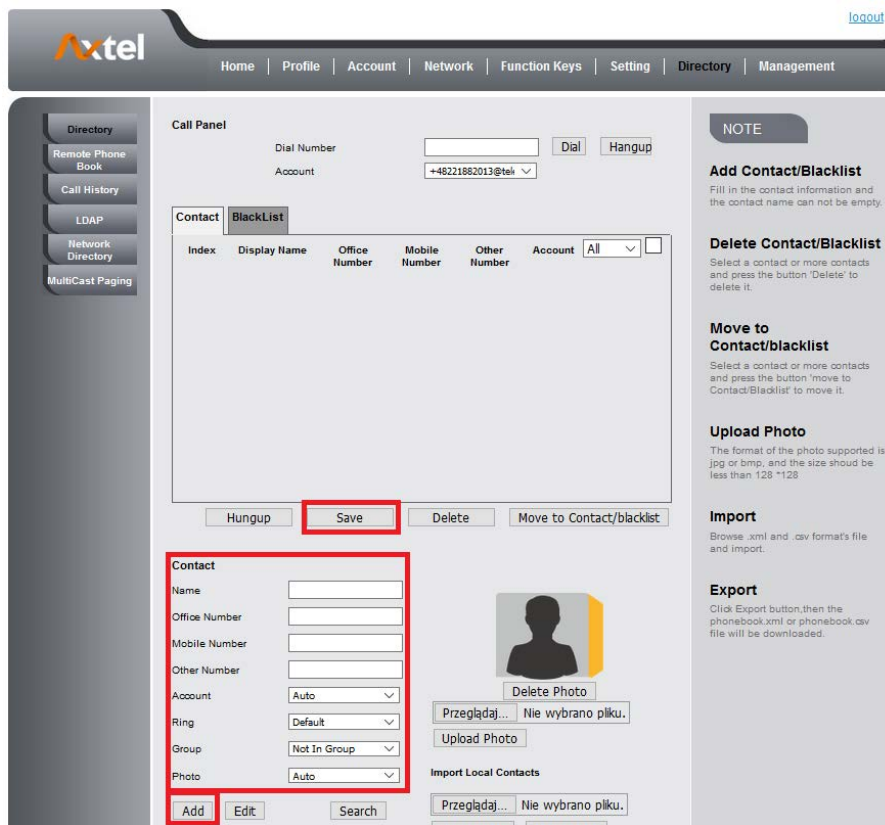
1. Press History soft key or press Menu History Local History
2. Press  and  to select the targeted one. (Press  and  switched among the All Calls, Missed Calls, Received Calls, Dialed Calls and Forwarded Calls).
3. Press Option soft key Add to Contacts
4. Edit the necessary information as Name, Phone number...

5. Press Save soft key or  to add the contacts successfully.




To add contacts via Web interface:


1. Click Directory
2. Enter the name, number and some other information.
3. Press  and then press  button.






B: To add contacts into blacklist

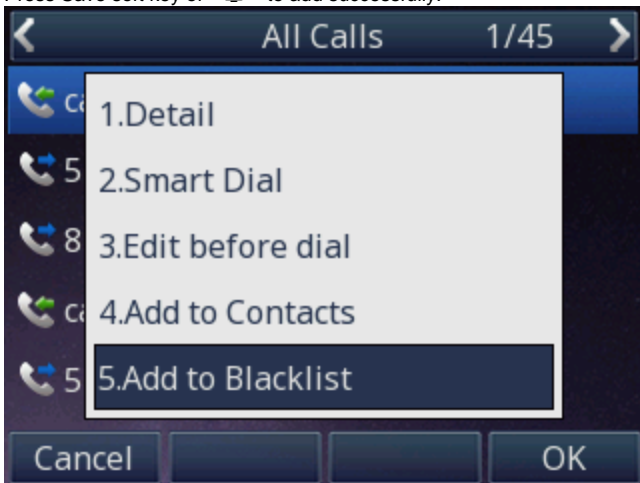
To add blacklist manually via Phone interface:

1. Press Menu Directory BlackList
2. Press Group soft key.
3. Press Add soft key.
4. Enter the Name and select the Ring Tone.
5. Press Save soft key or  to add the Group successfully.
6. Enter the added Group, then press Add soft key.
7. Enter the necessary information as Name, Phone number...

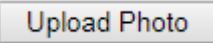
8. Press Save soft key or  to add the contacts successfully.

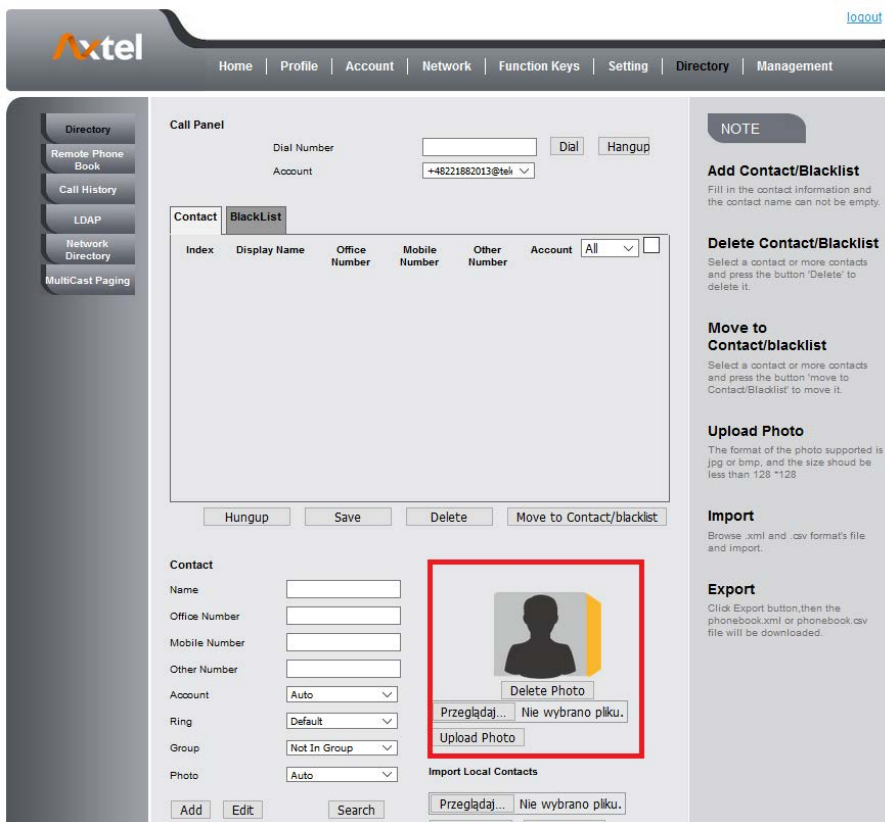
To add blacklist from history via Phone interface:

1. Press History soft key or press Menu History Local History
2. Press  and  to select the targeted one.
3. Press Option soft key Add to Blacklist
4. Edit the necessary information as Name, Phone number...
5. Press Save soft key or  to add successfully.



Upload Contacts photo via Web interface:

1. Click Directory and select the desired contact.
2. Click Choose file to select the photo for the contact
3. Click  to upload the photo.



When you place a call from the contact, the phone idle screen will show the contact photo.



Contacts photo server

The contact photo server allows you to configure the contact's photo by modifying the xml file instead of uploading it on a web page.

History Smart Dial	<input data-bbox="634 709 898 758" type="text" value="{[*]*+}"/>
Contacts Photo Server	<input data-bbox="634 758 932 806" type="text" value="http://192.168.1.18/photo/"/>

First fill in the server path (e.g. http://192.168.1.18/photo/).

Then, fill in the file name in the quotes for the field photoDefault = "", (e.g. photoDefault = "gee.jpg").

Finally, import the xml file to the phone.

```
<?xml version="1.0" encoding="UTF-8"?>
<contactData>
  <group>
    <contact sDisplayName="075" sOfficeNumber="075" sMobilNumber="" sOtherNumber="" sAccountIndex="255" sRing="Auto" group="" photoDefault="Config:gee.jpg" photoSelect="0" />
    <contact sDisplayName="076" sOfficeNumber="076" sMobilNumber="" sOtherNumber="" sAccountIndex="255" sRing="Auto" group="" photoDefault="Config:gee.jpg" photoSelect="0" />
  </group>
  <blacklist>
  </blacklist>
  <groupinfo>
  </groupinfo>
</contactData>
```

You can get the xml file through the export function.

Note:

The format of the photo supported is .jpg or .bmp
Photo size should be less than 2MB, name length should be less than 48 characters.

To import or export the contact list

You can manage your phone's local directory via phone or web user interface. But you can only import or export the contact list via Web interface.

To import an XML file of contact list via Web interface:

1. Click on Directory Directory
2. Click Choose file to select a contact list file (file format must be .xml) from your local system.
3. Click Import XML to import the contact list.

To export an XML file of contact list via Web interface:

1. Click on Directory Directory
2. Click Export XML to export the contact list.

To import a CSV file of contact list via Web interface:

1. Click on Directory Directory
2. Click Choose file to select a contact list file (file format must be .csv) from your local system.
3. Click Import Csv to import the contact list.

To export a CSV file of contact list via Web interface:

1. Click on Directory Directory
2. Click Export Csv to export the contact list.

Note:
If the xml file and CSV file have more than 1000 contacts, the phone will only upload 1000 contacts.

Remote Phonebook

To set Remote Phonebook via Web interface:

1. Login the Web interface and click DirectoryRemote Phone Book
2. Fill the path of the remote file in the Phone Book URL field.
For example, http://192.168.0.106/Phonebook/Remote_Phonebook/remotephonebook.xml
3. Fill the Name and then click **SaveSet** to save the configuration.

To check the contacts via Phone interface:

Press DirectoryLeft ButtonLeft Button, and you can see the item you set, press Update and then enter you will find the detail.
For More detail, please refer to: [Remote Phonebook](#).

Note:
Every remote phonebook, only supports 1000 contacts.

LDAP Phonebook

When use the LDAP feature, you can get the LDAP Phonebook directly.

To configure LDAP via Web interface:

1. Login Web interface and click DirectoryLDAP
2. Fill the LDAP Name Filter:
 - a. This parameter specifies the name attributes for LDAP searching. The "%" symbol in the filter stands for the entering string used as the prefix of the filter condition.
 - b. For example, (cn=%), when the name prefix of the cn of the contact record matches the search criteria, the record will be displayed on the IP PHONE LCD.
3. Fill LDAP Number Filter:
This parameter specifies the number attributes for LDAP searching.
4. Fill Server Address: Fill the domain name or IP address of the LDAP Server.
For example: 192.168.0.9
5. Port (the port of the LDAP Server), Base, User Name, Password
6. Max.Hits(1-32000): the maximum number of the search results to be returned by the LDAP server.
7. LDAP Display Name: the display name of the contact record displayed on the LCD screen.
8. Fill the relative value and then click **SaveSet** to save the settings.

Following is the example screenshot for the configuration.

The screenshot shows the Axtel web interface for LDAP configuration. The navigation bar includes Home, Profile, Account, Network, Function Keys, Setting, Directory, and Management. The left sidebar has options for Directory, Remote Phone Book, Call History, LDAP, Network Directory, and MultiCast Paging. The main configuration area includes the following fields:

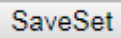
- LDAP Name Filter: (cn=%)
- LDAP Number Filter: ((telephoneNumber=%
- Server Address: 192.168.0.9
- Port: 389
- Base: ou=pbx.dc=pbx.dc=com
- User Name: an=admin,dc=pbx.dc=cc
- Password: [Redacted]
- Max.Hits(1~32000): 32000
- LDAP Name Attributes: [Empty]
- LDAP Number Attributes: [Empty]
- LDAP Display Name: cn
- Search Delay(0~2000ms): [Empty]
- Protocol: Version2 Version3
- LDAP Lookup For Call: On Off
- LDAP Sorting Results: On Off
- LDAP Synchronize Time(0~9999mins): [Empty]

Buttons for 'SaveSet' and 'Cancel' are at the bottom. A 'NOTE' box is on the right.

To Configure LDAP Key

To configure LDAP Key via Web interface:

1. Click Function KeysLine Key choose Line Key 2(for example)
2. Select LDAP in the Type field.

3. Click  to save the configuration.

The screenshot shows the Axtel web interface for Line Key configuration. The navigation bar includes Home, Profile, Account, Network, Function Keys, Setting, Directory, and Management. The left sidebar has options for Line Key, Programmable Key, and EXP KEY. The main configuration area includes the following fields:

- Line Label Length: Default
- Line Page Indicator: Disable
- BLF list MODE: Manually
- line key as cancel: Disable
- BLF blink: Off

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default		Test	Auto	
Key2	LDAP	Default			Account 1	

The 'Key2' row is highlighted with a red box. A 'NOTE' box is on the right.

To Configure LDAP Key via Phone interface:

1. Press MenuFeaturesFunction KeysLine Keys as Function KeysLine Key 2
2. Select LDAP in the Type field
3. Press Save or OK key to save the configuration.

When press the LDAP Key, the LCD will display as following:



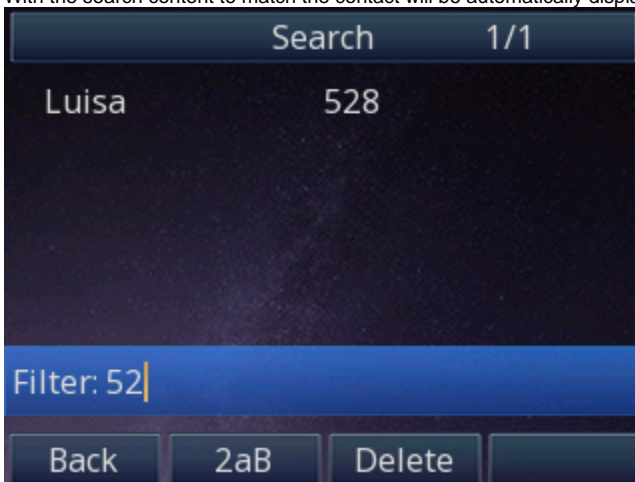
For More detail, please refer to [LDAP](#)

Search Contact


You can search contact in all contacts, local contacts, remote contacts and LDAP contact.

To search contact in all contacts:


1. Click the Directory soft key on Idle interface.
2. Click the More soft key, then you can see the Search soft key
3. Click the Search soft key, you can enter the desired part of name or part of number.
4. With the search content to match the contact will be automatically displayed on the LCD within 5 seconds.




To search contact in Local contacts:

1. Click the Directory soft key on Idle interface.
2. Click the  button and select the Local contacts list.
3. Click the More soft key, then you can see the Search soft key
4. Click the Search soft key, you can enter the desired part of name or part of number.
5. With the search content to match the contact will be automatically displayed on the LCD within 5 seconds.

To search contact in Remote contacts:

1. Click the Directory soft key on Idle interface.
2. Click the  button and select the Remote Contacts list.
3. Select the desired Remote Contact and click Enter soft key.
4. Click the Search soft key, you can enter the desired part of name or part of number.
5. With the search content to match the contact will be automatically displayed on the LCD within 5 seconds.

To search contact in LDAP contacts:

1. Click the Directory soft key on Idle interface.
2. Click the  button and select the LDAP Contacts list.



3. Enter the first character or more of contact's name or number.
4. With the search content to match the contact will be automatically displayed on the LCD within 5 seconds.

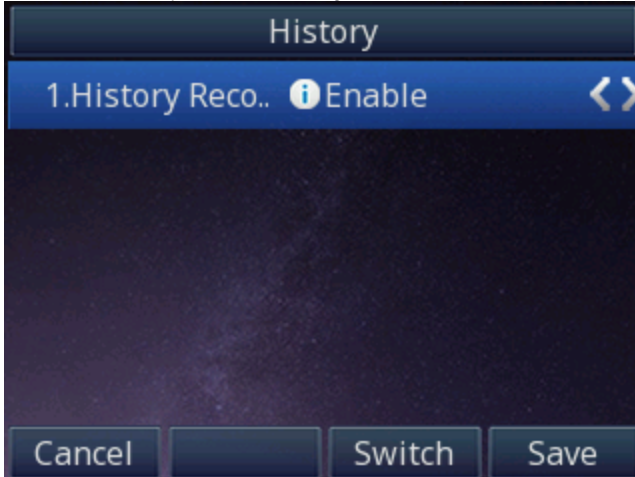
Call History Setting

Call History

This phone maintains call history lists of Dialed Calls, Received Calls, Missed Calls and Forwarded Calls. The call history list supports up to 100 entries in all on Phone interface and more than 1500 items. You can check the call history, dial a call, add a contact or delete an entry from the call history list. You should enable the history record feature in advance.

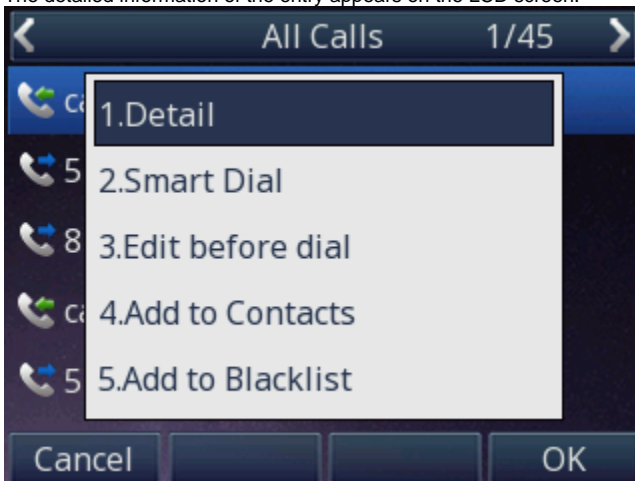
To enable the history record feature via Phone interface:

1. Press MenuFeaturesHistory Setting
2. Press  and  or Switch soft key to enable History record.
3. Press Save soft key to save the configuration.



To check the call history via Phone interface:

1. Press the History soft key. The LCD screen displays All Calls list.
2. Press Right or Left Key to switch among All Calls, Missed Calls, Received Calls, Dialed Calls and Forwarded Calls.
3. Press to select the desired entry.
4. Press the Option soft key, and then select Detail from the prompt list.
5. The detailed information of the entry appears on the LCD screen.



To delete an entry from the call history list via Phone interface:

1. Press the History soft key.
2. Press Right or Left Key to switch among All Calls, Missed Calls, Received Calls, Dialed Calls and Forwarded Calls.
3. Press UP or DOWN key to select the desired entry.
4. Press the Delete soft key.

To delete all entries from the call history list via Phone interface:

1. Press the History soft key.
2. Press Right or Left Key to switch among All Calls, Missed Calls, Received Calls, Dialed Calls and Forwarded Calls.

3. Press the Option soft key, and then select Delete All from the prompt list.
4. Press the OK soft key.
5. Press the OK soft key to confirm the deleting or the Cancel soft key to cancel.

To check the call history via Web interface:

1. Click Directory Call History
2. Click Dialed List, Missed List, Received List, Forwarded List then you can see the history list.





Index	Date	Time	Local Identity	Name	Tel Number
1	31-07-2019	13:31:09	6051210		6051210
2	17-07-2019	13:48:03	01		01
3	17-07-2019	13:47:51	00		00
4	17-07-2019	13:47:36	00		00
5	17-07-2019	13:19:19	00		00
6	17-07-2019	13:18:32	00		00
7	17-07-2019	12:59:50	00		00
8	17-07-2019	12:59:37	1002		1002
9	17-07-2019	10:15:24	1002		1002

To Dial a call from Call History via Web interface:

1. Click DirectoryCall History
2. Select the desired history item, and click Tel Number.
3. Then the call is dialed on phone.

Index	Date	Time	Local Identity	Name	Tel Number
1	31-07-2019	13:31:09	6051210		6051210
2	17-07-2019	13:48:03	01		01
3	17-07-2019	13:47:51	00		00
4	17-07-2019	13:47:36	00		00
5	17-07-2019	13:19:19	00		00
6	17-07-2019	13:18:32	00		00
7	17-07-2019	12:59:50	00		00
8	17-07-2019	12:59:37	1002		1002
9	17-07-2019	10:15:24	1002		1002

To Dial a call from Call History via Phone interface:




1. Press History soft key or press Menu History Local History
2. Press  and  to select the targeted one.
3. Press the Dial soft key, , or , or the corresponding line key.

Audio Setting

Ring Tone

You can adjust the type and volume of the ring tone.

To adjust the Ring Tone Type via Phone interface:

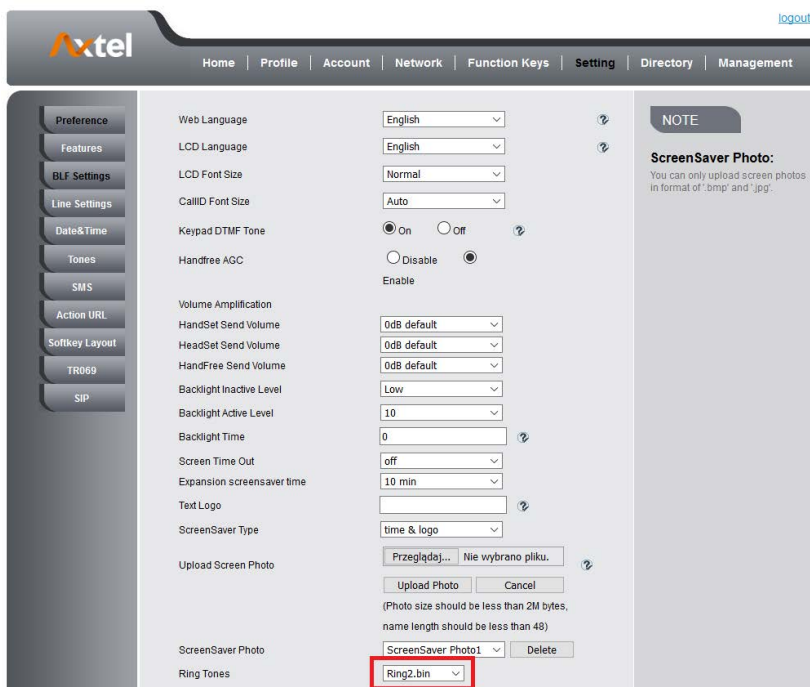
1. Press Menu Settings Basic Setting Ring Tone.
2. Press  and  to select the aimed one.
3. Press  or Save soft key to save the configuration.





To adjust the Ring Tone Type via Web Interface

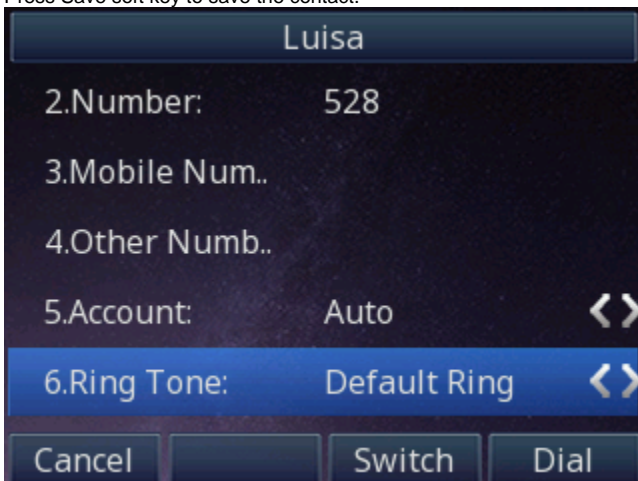
1. Setting Preference Ring Tones
2. Select the wanted one

3. Click **SaveSet** to save the configuration.



To configure Distinctive Ring Tone via Phone Interface

1. Press Directory
2. Select the target contact
3. Press Detail soft key to edit the contact.
4. Press  and  to select the wanted Ring Tone for the contact
5. Press Save soft key to save the contact.



To configure Distinctive Ring Tone via Web Interface



1. Directory Directory Contact
2. Choose the Ring Tone you want to use.

3. Click **Edit** **Save** to save the configuration.

The screenshot shows the Axtel web interface for contact management. At the top, there are navigation tabs: Home, Profile, Account, Network, Function Keys, Setting, Directory, and Management. On the left, there is a sidebar with options: Directory, Remote Phone Book, Call History, LDAP, Network Directory, and MultiCast Paging. The main content area is divided into two sections: 'Contact' and 'BlackList'. The 'Contact' section has a table with columns: Index, Display Name, Office Number, Mobile Number, Other Number, Account, and a checkbox. The first row is highlighted with a red border and contains: 1, Lisa, 860, (empty), (empty), Auto, and a checked checkbox. Below the table are buttons for 'Save', 'Delete', and 'Move to Contact/blacklist'. The 'Save' button is highlighted in red. Below the table is a form for editing contact details. The 'Ring' dropdown menu is highlighted in red and shows 'Ring2.bin' selected. Other fields include Name, Office Number, Mobile Number, Other Number, Account (Auto), Group (Not In Group), and Photo (Auto). There are also buttons for 'Add', 'Edit', and 'Search'. On the right side, there is a 'NOTE' section with instructions for 'Add Contact/Blacklist', 'Delete Contact/Blacklist', 'Move to Contact/blacklist', 'Upload Photo', 'Import', and 'Export'.

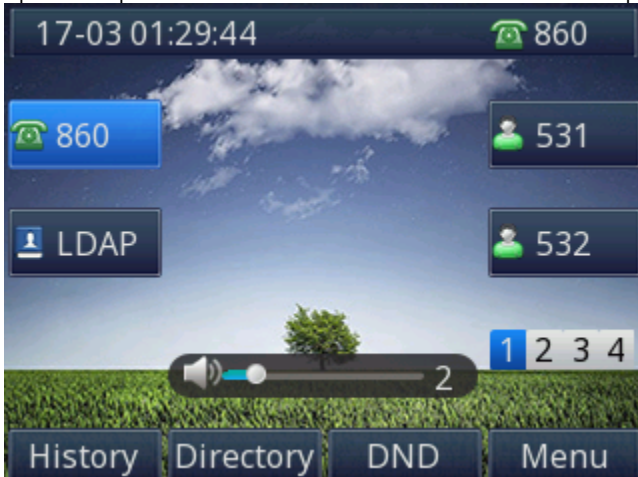
Click [Ring Tones](#) for more information.



Volume

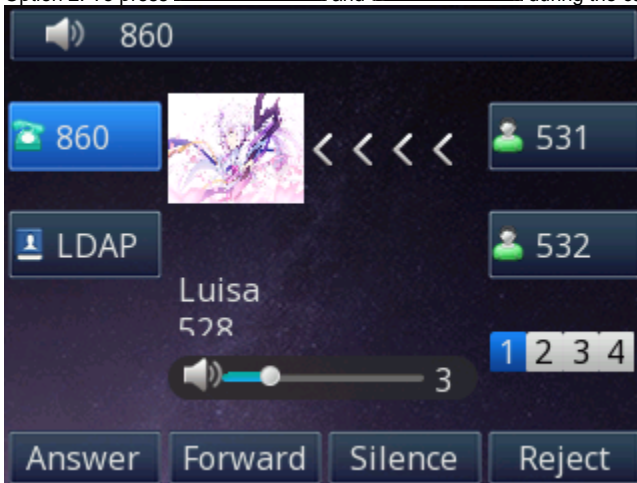
You can adjust the volume for the phone by the volume keys:  and .

To adjust the Ring tone volume via Phone interface:


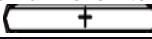
1. Option 1: To press  and  on the idle page

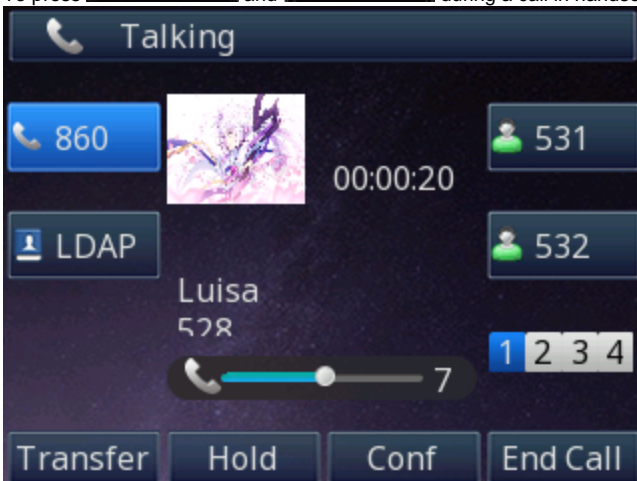


2. Option 2: To press  and  during the call is ringing.



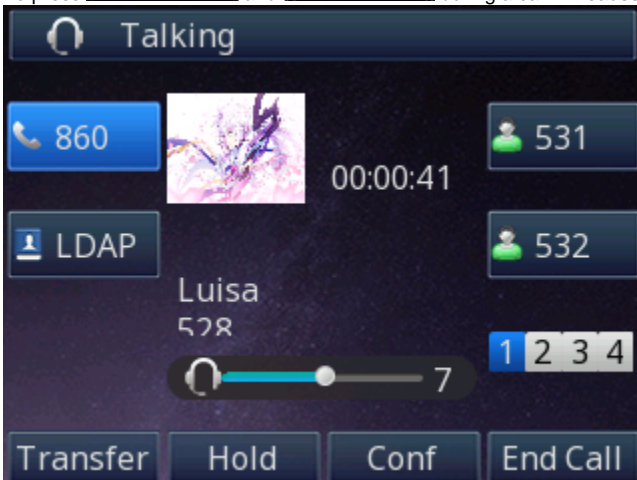
To adjust the handset volume via Phone interface:

To press  and  during a call in handset mode.



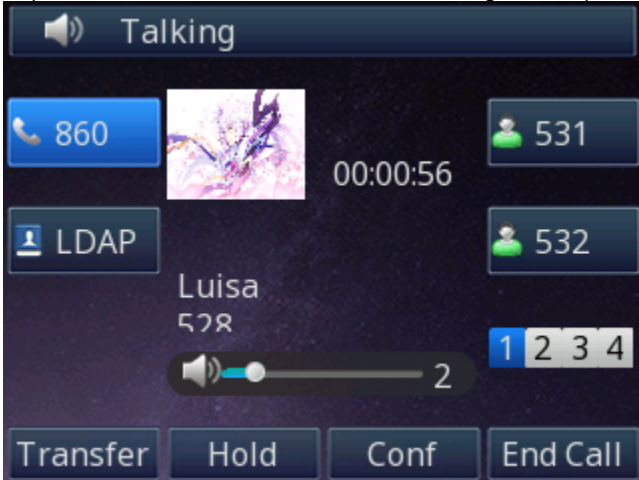
To adjust the headset volume via Phone interface:

To press  and  during a call in headset mode.



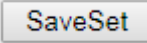
To adjust the speaker Volume via Phone interface:

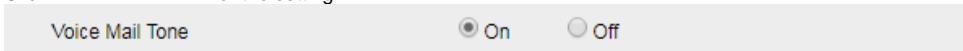
To press  and  during a call in speaker mode.



Voice Mail Tone

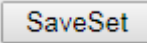
This option can set whether to play the beep for phone's voice mail

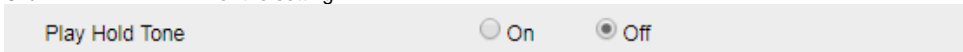
1. Click the Setting Preference
2. Select On or Off for Voice Mail Tone.
3. Click  for the setting.



Play Hold Tone

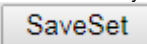
When you hold the phone, Whether to play hold tone

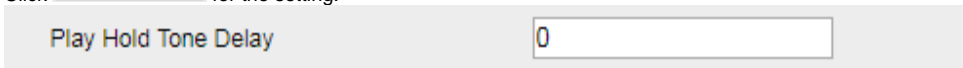
1. Click the Setting Preference
2. Set On or Off for Play Hold Tone.
3. Click  for the setting.



Play Hold Tone Delay

When you hold the phone. How many seconds to play beep?

1. Click the Setting Preference
2. Set the value for Play Hold Tone Delay.
3. Click  for the setting.



System Settings

Dial Plan

Dial plan is a string of characters that governs the way this phone processes the inputs received from your phone keypad. This phone supports dial plan with following accept digits:
1,2,3,4,5,6,7,8,9,0, *, #

Grammar	Description
x	any digit from 0-9;
xx+	at least 2-digit number;
^	exclude;

,	hear dial tone;
[3-5]	any digit of 3, 4, or 5;
[147]	any digit 1, 4, or 7;
<2=011>	replace digit 2 with 011 when dialing.

To configure dial plan via Web interface:

1. Click Account Basic Dial Plan.
2. Fill the value in dial plan field.
3. Click **SaveSet** to save the configuration.

Note:
Illegal input will fall back to default: {[*]*+}. For More, please refer to [Dial Plan](#).

Dial-Now Timeout

Dial-Now Timeout means that when you enter the number which is matching with dial plan, it will dial out automatically after some time when you stop entering the number.

To configure Dial-Now Timeout via Web interface:

1. Click Web interface Setting Preference
2. Fill the blank of Dial-Now Timeout: for example, 5(seconds). (0 means dial out immediately).
3. Click the **SaveSet** button to save the configuration

Dial-now Time-out (seconds) ?

No Key Entry Timeout

No Key Entry Timeout means that when you enter the number, it will dial out automatically after some time when you stop enter the number.

To configure No Key Entry Timeout via Web interface:

1. Click Web interface Setting Preference
2. Fill the blank of No Key Entry Timeout: for example, 5(seconds). 0 means never timeout, you should press the send key the dial out the number.
3. Click the **SaveSet** button to save the configuration.

NO Key Entry Timeout(seconds) ?

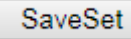
Emergency Call

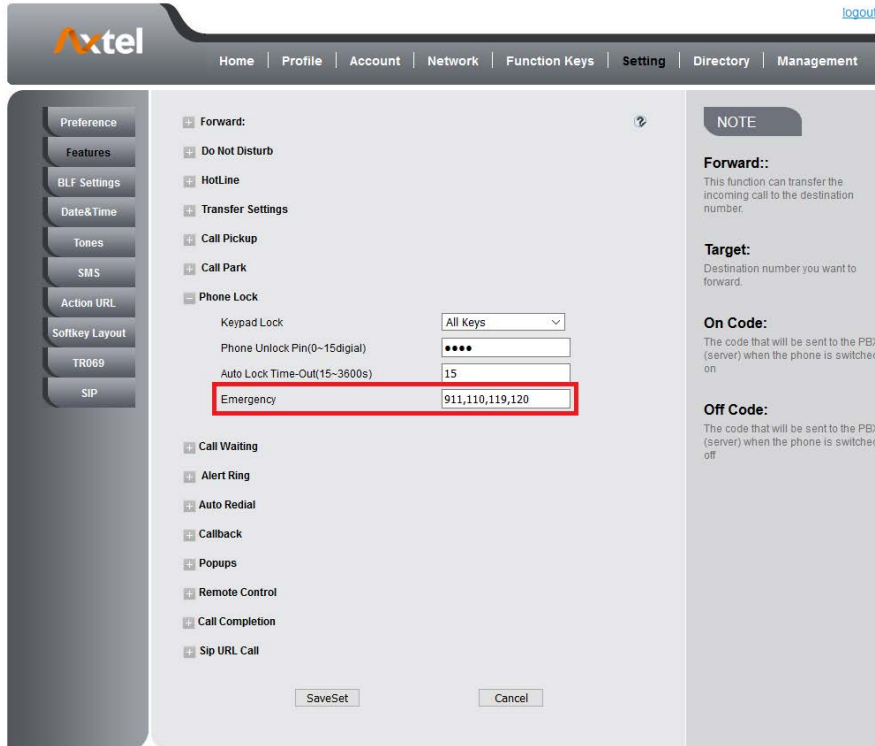
Public telephone networks in countries around the world have a single emergency telephone number (emergency services number), that allows a caller to contact local emergency services for assistance when required. The emergency telephone number may differ from country to country. It is typically a three-digit number that can be easily remembered and dialed quickly. Some countries have a different emergency number for each of the different emergency services.

You can specify the emergency telephone numbers on the IP phone for contacting the emergency services in an emergency situation.

To configure emergency call via Web interface:

1. Click SettingFeaturesPhone Lock
2. Enter the emergency services number (e.g.110,119,120) in the Emergency field,

3. Click  to save the configuration.



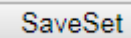
The screenshot shows the Axtel web interface for configuring phone settings. The 'Phone Lock' section is expanded, showing fields for Keypad Lock (set to 'All Keys'), Phone Unlock Pin (0-15 digits, masked with dots), Auto Lock Time-Out (15-3600s, set to 15), and Emergency (set to 911,110,119,120). The Emergency field is highlighted with a red border. A 'SaveSet' button is visible at the bottom of the form. A 'NOTE' section on the right provides information about Forward, Target, On Code, and Off Code settings.

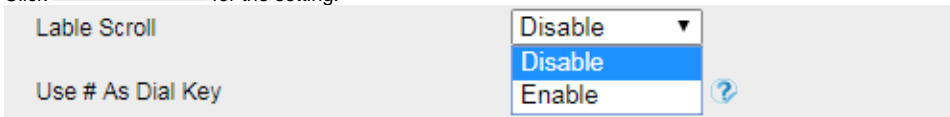
Label Scroll

When setting function keys, you need to set the label of the function keys. If the words are too long to show on the label, you can use this function to make labels scroll. Another approach is to set the labels to long label mode.

To configure Label Scroll via Web interface:

1. Click the Setting Preference
2. Select Enable or Disable for Label Scroll.

3. Click  for the setting.



The screenshot shows the 'Label Scroll' setting in the web interface. The setting is currently set to 'Disable'. A dropdown menu is open, showing 'Disable' and 'Enable' as options. A 'Use # As Dial Key' option is also visible below the dropdown. A 'SaveSet' button is present to the right of the dropdown.

Show Missed Calls

Whether to show missed call notification on LCD

To configure Show Missed Calls via Web interface:

1. Click the Setting Preference
2. Select Yes or No for Show Missed Calls.

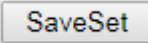
3. Click  for the setting.



The screenshot shows the 'Show Missed Calls' setting in the web interface. The setting is currently set to 'Yes'. A 'SaveSet' button is present to the right of the radio buttons.

Auto Logout Time

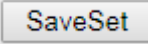
Set the Web login timeout

1. Click the Setting Preference
2. Set number 1~5000 min for Auto Logout Time.
3. Click  for the setting.

Auto Logout Time (1 ~ 5000 min)

Reboot in Talking

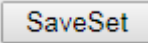
This function is to allow reboot during the calls or not

1. Click the Setting Preference
2. Set Enable or Disable for Reboot in Talking.
3. Click  for the setting.

Reboot in Talking

Detect IP Conflict

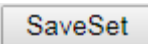
LCD can display message when IP conflict

1. Click the Setting Preference
2. Set Enable or Disable for Detect IP Conflict.
3. Click  for the setting.

Detect IP Conflict

Redial Mode



Call redial has two ways:(1) To redial the last placed call from the IP Phone (2) To redial the call from all calls list

1. Click the Setting Preference
2. Set Direct Mode or Select Mode for Redial Mode.
3. Click  for the setting.



Redial Mode Direct Mode Select Mode

Keypad Lock

To enable Keypad Lock via Phone interface

1. Press MenuSettingsAdvanced SettingPhone SettingLock
2. Press  and  key or Switch to change selected lock type: All Keys, Menu Key, Function Key, Lock & Answer
3. Press Save or OK key to save the configuration.

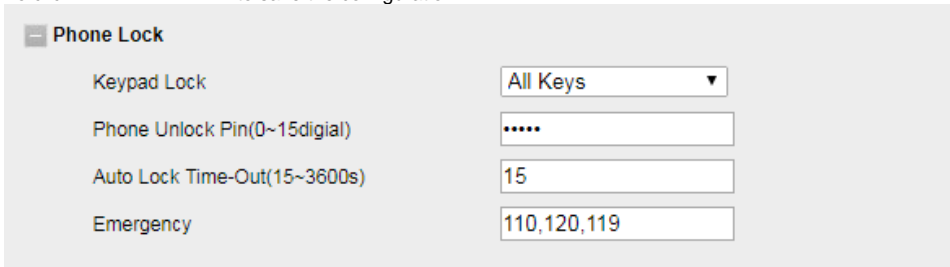
To disable Keypad Lock via Phone interface

1. Press MenuSettingsAdvanced SettingPhone SettingLock
2. Press  and  key or Switch to change to choose Disable.
3. Press Save or OK key to save the configuration.

To enable Keypad Lock via Web interface

1. Click Web interface Setting Features
2. To choose the Phone Lock.
3. To fill the Phone Unlock Pin and Auto Lock Time-Out
4. Fill the Emergency Number, when the phone is Lock, only Emergency Number can be sent.

5. To click **SaveSet** to save the configuration.



Phone Lock	
Keypad Lock	All Keys
Phone Unlock Pin(0~15digial)	****
Auto Lock Time-Out(15~3600s)	15
Emergency	110,120,119

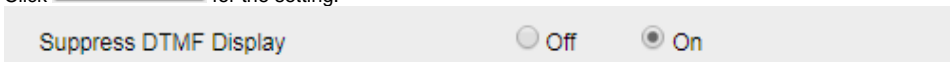
To Disable Keypad Lock via Web interface

1. Click Web interface Setting Features
2. To choose Disable for the Phone Lock.
3. To click **SaveSet** to save the configuration.

Suppress DTMF Display

In order to ensure safety in Call process, you can choose whether to hide DTMF

1. Click the Setting Preference
2. Select On or Off for Suppress DTMF Display.
3. Click **SaveSet** for the setting.

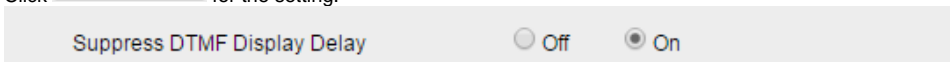


Suppress DTMF Display Off On

Suppress DTMF Display Delay

In order to ensure safety in Call process, you can choose whether to hide DTMF

1. Click the Setting Preference
2. Select On or Off for Suppress DTMF Display Delay.
3. Click **SaveSet** for the setting.

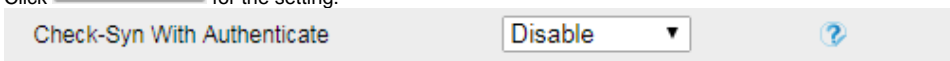


Suppress DTMF Display Delay Off On

Check-Syn With Authenticate

If this option is enabled, the server needs to be authenticated before the phone agrees to synchronize.

1. Click the Setting Preference
2. Set Enable or Disable for Check-Syn With Authenticate.
3. Click **SaveSet** for the setting.



Check-Syn With Authenticate ?

Other features settings

Action URL

To configure action URL via Web interface:

1. Click SettingAction URL
2. Fill the needed values in the designated blank spaces.
3. Click **SaveSet** to save the setting.

Click [Action URL](#) for more how to use, or check on www.axtelphones.com

[logout](#)

The screenshot shows the Axtel web interface. At the top, there is a navigation bar with the Axtel logo and menu items: Home, Profile, Account, Network, Function Keys, Setting, Directory, and Management. On the left, there is a sidebar with various settings categories: Preference, Features, BLF Settings, Date&Time, Tones, SMS, Action URL, Softkey Layout, TR069, and SIP. The main content area displays a list of call states with corresponding input fields and help icons. A 'NOTE' box is visible on the right side of the page.


Call State	Input Field	Help Icon
Setup Completed	<input type="text"/>	?
Log On	<input type="text"/>	?
Log Off	<input type="text"/>	?
Register Failed	<input type="text"/>	?
Off Hook	<input type="text"/>	?
On Hook	<input type="text"/>	?
Incoming Call	<input type="text"/>	?
Outgoing Call	<input type="text"/>	?
Call Established	<input type="text"/>	?
Call Terminated	<input type="text"/>	?
Open DND	<input type="text"/>	?
Close DND	<input type="text"/>	?
Open Always Forward	<input type="text"/>	?
Close Always Forward	<input type="text"/>	?
Open Busy Forward	<input type="text"/>	?
Close Busy Forward	<input type="text"/>	?
Open No Busy Forward	<input type="text"/>	?
Close No Busy Forward	<input type="text"/>	?
Transfer Call	<input type="text"/>	?
Blind Transfer call	<input type="text"/>	?
Attended Transfer Call	<input type="text"/>	?
Hold	<input type="text"/>	?



Softkey Layout



This feature mainly defines which shown on the soft key in some status. For example, what the soft key displays when dialing, or talking.

To configure Soft key via Web interface:

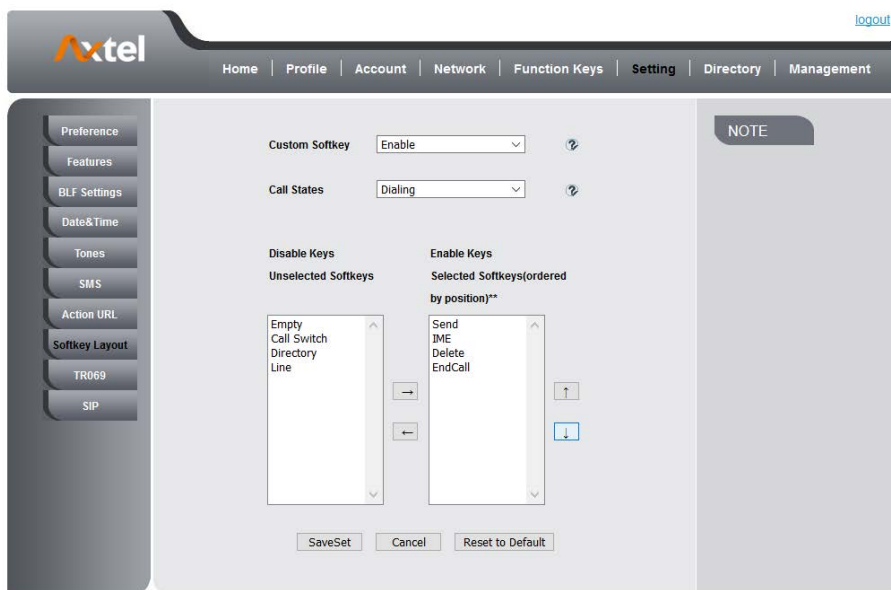
1. Click SettingSoftkey Layout
2. Select Enable for Custom Softkey
3. Select Call States.

4. Select the feature from the Disable Keys to Enable Keys field by 

 moves the Disable key to Enable field.  moves the Enable key, and it will back to Disable field.

5. Click  or  to change to position or each feature.

6. Click **SaveSet** to save the configuration.



Note:
When there more than 5 items in the Enable field, the last soft key will display More, and last two item will show in the next page soft key, you can check by press more.

Programmable Key

For the default keys as Soft keys, Navigation keys and so on, you can define them as some specific feature, and it works only on the idle page.

To configure Programmable Key via Web interface:

1. Click Function Keys Programmable Key
2. Select the desired Key to set.
3. Click **SaveSet** to save the setting.

4. By clicking **Reset To Default** , all setting of the keys will be back to default.

Exp Key



It only works when there is an expansion module connected with the phone.

Basic Call Features




Place a Call

There are three ways to dialing a call: Handset, Headset and Hands-free speakerphone.

To place a call by Handset

1. Pick up the handset, or press a line key and dial the necessary number.
2. Press  or  or press the Send soft key, then the call is sending.

To place a call by Headset:

1. Press the  (light is Green),
2. Enter the desired number.
3. Press  or  , or press the Send soft key, then the call is sending.

Using headset to place and answer calls for all time

1. Click Web interface Setting Preference
2. HeadSet Priority Enable
3. Ringer Device For HeadSet Use Headset
4. Click **SaveSet** to save the setting.

5. Press 




HeadSet Priority

Enable





Ringer Device For HeadSet

Use HeadSe


Placing a call by hands-free speakerphone

1. Press the , or press the Line key, then you can hear the dial tone.
2. Press the number.
3. Press  or  or press the Send soft key, then the call is sending.


To place a call by call history or Directory via Phone interface.

1. Press the History /Directory soft key (On the idle page) or Menu History /Directory
2. Press  and  to select the targeted one.
3. Press the Send soft key, or , or , or the corresponding line key, then the call is sending.

Note:

1. The  key is set to be a send key. For more information, refer to the Key as Send on page
2. During the call, you can also change among Headset, Handset or Free-speaker mode.


Making two calls with one line and one account

1. Press a line key and dial phone number, then make a call.
2. Press Hold soft key and then press New Call soft key.
3. Dial another phone number,
4. Press the Send soft key, or , then make the second call.



End a Call

Here shows to end a call during three modes:



To end a call by Handset

Press the End Call soft key or hang up the handset, or press .

To end a call under Headset Mode

Press the End Call soft key or press , or press .

To end a call under hands-free speakerphone Mode


Press the End Call soft key or press , or press .

Note:

During the conference, to end the call is same as mentioned above.

Redial a Call

To redial the last placed call from the IP Phone:

Press  directly when LCD is on the idle interface.

Receive a Call


There are three ways to receive a call when the phone is ringing:

To receive a call by handset


Pick up the handset and now the conversation is built.

To receive a call by headset




Press  and now the conversation is built.
To receive a call by hands-free speaker



1. Option 1: Press  directly.
2. Option 2: Press Answer soft key.
3. Option 3: Press the Line key (flashes red).

Moreover, some other action can be done by soft key when the call is coming.



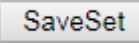
1. To press the Reject soft key to reject the call. Or press  to reject the current call.
2. To press Forward to forward to another phone.
3. To press Silence soft key, and then the call will keep silent, no ring tone display.

Incoming Call Show Mode

There are two incoming call show modes for this phone:

1. name and number of the contacts
2. name and number of the incoming call and the account which is connecting

To set incoming call show mode via Web interface:

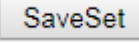
1. Click Setting Preference
2. Select the desire mode for the incoming call show mode
3. Click  to save the setting.


Incoming Call Show Mode	<input checked="" type="radio"/> Peer Name & Peer Number <input type="radio"/> Peer Name & Peer Number & Self Name
-------------------------	---

Auto Answer

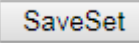
Enable auto answer feature, you will answer all incoming call automatically.

To enable Auto Answer via Web interface

1. To Click Profile Advanced
2. To choose Yes for the Auto Answer.
3. To click  to save the configuration.

Send Anonymous	<input checked="" type="radio"/> No <input type="radio"/> Yes 
Anonymous Call Rejection	<input checked="" type="radio"/> No <input type="radio"/> Yes
Check SIP User ID	<input checked="" type="radio"/> Don't Check <input type="radio"/> Always Check <input type="radio"/> Automatic
Auto Answer	<input type="radio"/> No <input checked="" type="radio"/> Yes
Allow Auto Answer By Call-Info	<input type="radio"/> No <input checked="" type="radio"/> Yes
Turn off Speaker on remote	<input type="radio"/> No <input checked="" type="radio"/> Yes

To Disable Auto Answer via Web interface

1. To Click Profile Advanced
2. To choose No for the Auto Answer.
3. To click  to save the configuration.

Call Hold

When using the hold feature, the Hold icon will show on the display.



To make a call on hold during three modes:

To hold a call under handset mode:

1. Press Hold soft key or  to hold the current call.
2. Press Resume soft key or  to resume the call on hold.

To hold a call under headset mode:

1. Press Hold soft key or  to hold the current call.
2. Press Resume soft key or  to resume the call on hold.

To hold a call during the speaker mode:



1. Press Hold soft key or  to hold the current call.
2. Press Resume soft key or  to resume the call on hold.

Call Transfer

This phone supports Blind, Attended and Semi-Attended Transfer.


Blind Transfer

When you use this feature, you can:




1. Press  or Transfer soft key during the conversation, the call is on hold now.
2. Enter the number that transfers to.
3. Press  or Transfer soft key, and now the blind transfer completed.

Attended Transfer

When you use this feature, you can

1. Press  or Transfer soft key during the conversation, the call is on hold now.







2. Enter the number that transfer to, and press the send soft key or  or .
3. Start the second conversation, press  or Transfer soft key, then transfer completed.


NOTE:

To transfer calls across SIP domains, SIP service providers must support transfer across SIP domains. Blind transfer will usually use the primary account SIP profile.

Semi-Attended Transfer

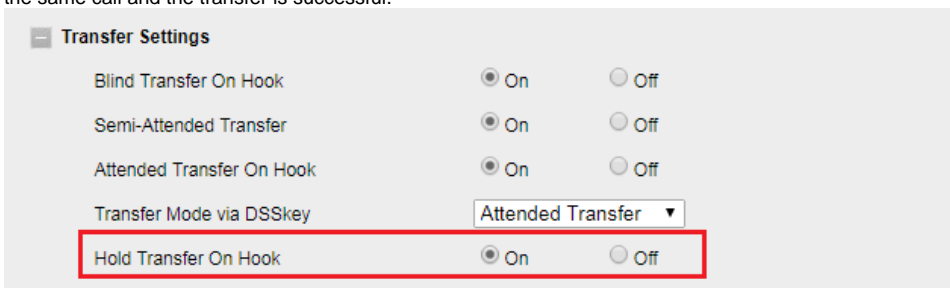
1. Press  or Transfer soft key during the conversation, the call is on hold now.
2. Enter the number transfer to, and press the send soft key or  or , then you can hear the ring tone.
3. Press  or Transfer soft key, and now the Semi-attended transfer completed.

BLF Transfer

1. Set a Programmable Key or Line Key is set as BLF. For how to set BLF, please refer to [BLF](#).
2. Press  or Transfer soft key during the conversation, the call is on hold now.
3. Press BLF key then realize blind, attended and Semi-Attended Transfer.

Hold transfer on hook:

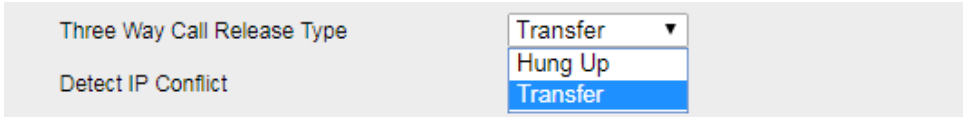
1. Setting Features Transfer Settings: Hold Transfer On Hook: ON.
2. A place a call to B, B answer, A press the Hold soft key and place a call to C, A cancel the call when C is ringing or answering, then C and B in the same call and the transfer is successful.



Hold transfer on Three Way conference:

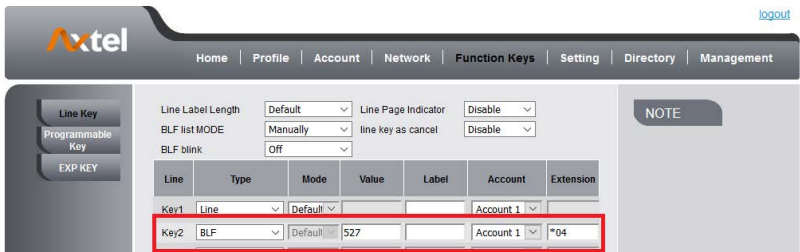
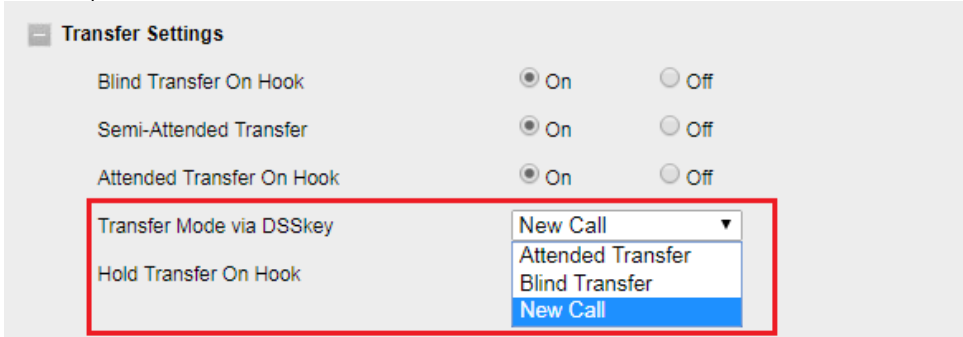
1. Setting Preference Three Way Call Release Type: Transfer.
2. A place a call to B, B answer, A place a call to C again, C answer, A press the Conference soft key then A, B and C will establish meeting.
3. A press the End Call soft key or on-hook to exit the meeting in the process of talking.

4. Then B and C will continue to talk.



Transfer to New Call via Web interface

1. Click Setting Features
2. Select Transfer Mode via DSS key New Call
3. Select the desired Line Key and select Transfer in the Type.
4. Enter the phone number in the Value field.

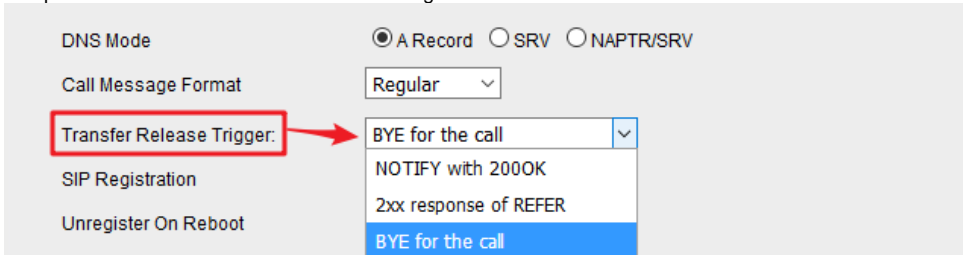


NOTE:
If the person that wanted to be spoken to do not want to answer the call, then the person that answered the coming call could use this function.

Transfer Release Trigger

This option defines when the phone sends BYE to the server to release the transferred call.


1. **NOTIFY with 200OK**
 After receiving REFER request sent by the phone, server will send NOTIFY to the phone, and the phone response 200OK, this is the trigger for the phone to release the call.
2. **2xx response of REFER**
 The phone will not release the call until it receives a 2xx response from the server to the phone's REFER request.
3. **BYE for the call**
 The phone will not release the call until receiving BYE from the server.








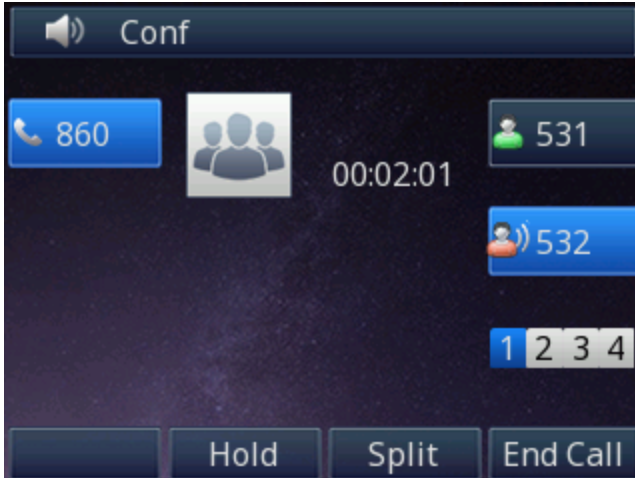
Call Conference

This IP Phone supports up to 5-way conference.

5-way conference

1. Assuming that call party **A** and **B** are in conversation. **A** wants to bring **C**, **D** and **E** in a conference
2. **A** press the Conference soft key, the call is placed on hold.
3. **A** enter the number of **C** and then press send soft key or 
4. **C** answer the call.

5. A press  or the Conference soft key, then **A, B** and **C** are now in a conference. (and now this is **3-way conference**)
6. A press the Conference soft key, the current 3-way conference is placed on hold.
7. A enter the number of **D** and then press send soft key or .
8. **D** answer the call.
9. A press  or the Conference soft key, then **A, B, C** and **D** are now in a conference. (and now this is **4-way conference**)
10. A press the Conference soft key, the call is placed on hold.
11. A enter the number of **E** and then press send soft key or .
12. **E** answer the call.
13. A press  or the Conference soft key, then **A, B, C, D** and **E** are now the **5-way conference** is built.
14. A end the call, the conference is finished.



Note:

1. If **C** does not answer the call, **A** can back to continue the conversation with **B**;
2. Once **A** hangs up the call, the conference is ended, while if **B** or **C** drops the call, **A&C** or **A&B** conversation continues.
3. The conference feature is not available on all servers. For more information, contact your system administrator.
4. To realize the 5-way conference, the line should be all available.



Call Forward


This phone supports static forward (Always Forward, Busy Forward and No Answer Forward) and dynamic forward

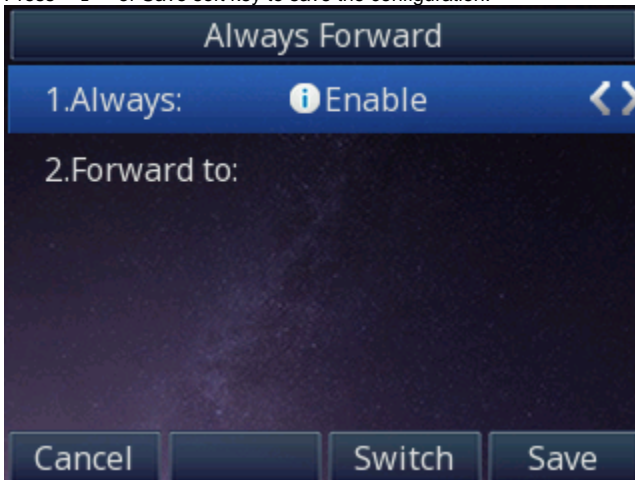
[To configure static forward](#)

To configure always forward

With this feature, all incoming calls will forward immediately to configured number.




1. Press Menu Features Call Forward Always Forward.
2. Press  and  to select the enable choice
3. Enter the Forward To number.

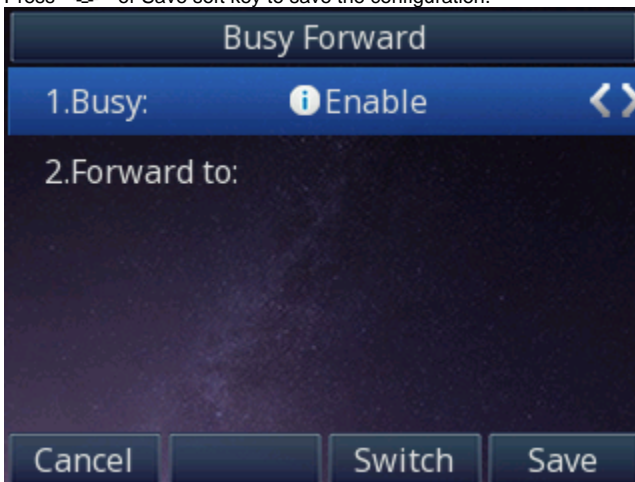
4. Press  or Save soft key to save the configuration.



To configure busy forward



With this feature, the incoming calls are immediately forwarded if the phone is busy.


1. Press Menu Features Call Forward Busy Forward.
2. Press  and  to select the enable choice.
3. Enter the Forward To number.
4. Press  or Save soft key to save the configuration.

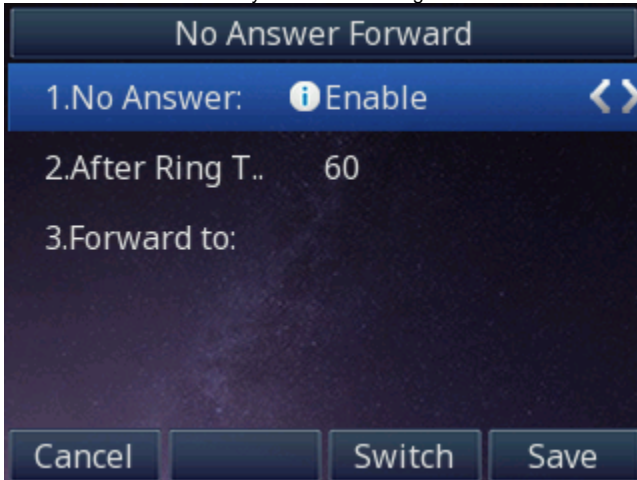



To configure no answer forward

No Answer Forward: Incoming calls are forwarded if not answered after some time.

1. Press Menu Features Call Forward No Answer Forward.
2. Press  and  to select the enable choice
3. Enter the Forward To number and After Ring Times.

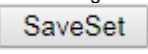
4. Press  or Save soft key to save the configuration.

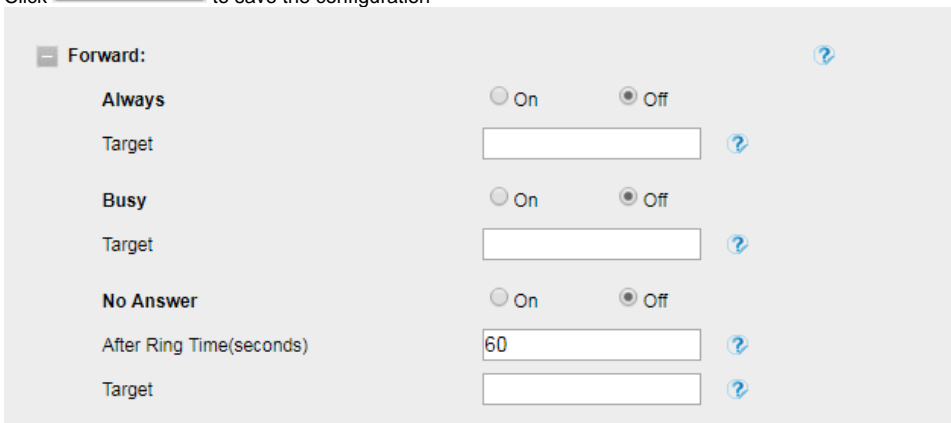


When the Forward feature is enabled, the Icon  will display on Top of the LCD.







To configure Forward via Web Interface

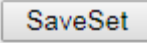
1. Setting Features Forward
2. Click On for the Always/Busy/No Answer Forward
3. Fill the Target Number
4. Fill the After Ring Time
5. Click  to save the configuration



To cancel the forward feature via Phone Interface


1. Option 1: To press the  key to disable the forward feature.
2. Option 2: Press Menu Features Call Forward Always/Busy/No Answer Forward
 - a. Press  and  to select the disable choice
 - b. Press  or Save soft key to save the configuration.

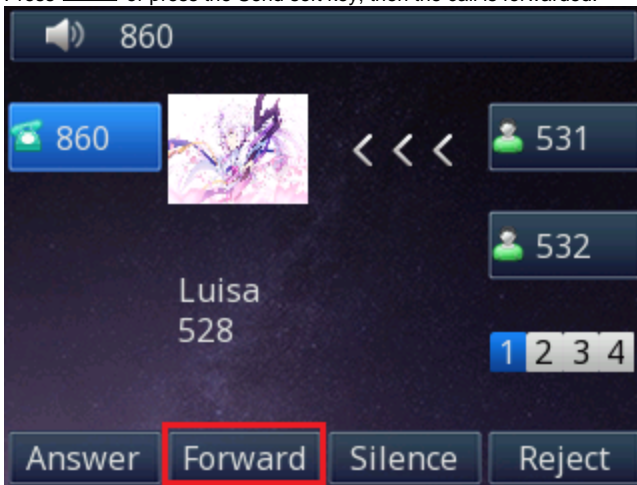
To cancel the forward feature via Web Interface

1. Setting Features Forward
2. Click Off for the Always/Busy/No Answer Forward
3. Click  to save the configuration

To configure dynamic forward

Forward an incoming call during the ringing.

1. When the phone is ringing, press Forward soft key.
2. Enter the forward number or select the desired number from Directory soft key (Precondition: local directory has one or more contacts).
3. Press  or press the Send soft key, then the call is forwarded.






Note:

If the Programmable Key or line key is set as BLF, when an incoming call ringing, press this BLF key directly to realize the dynamic forward. You can choose a desired forward number from the Directory when you press the Forward key.

Call Return

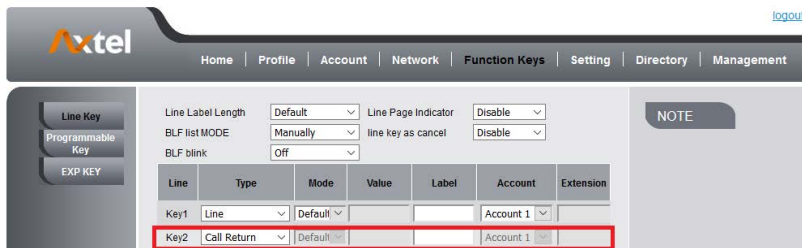
This feature allows you to dial the last phone call you received.

To configure the Call Return via Phone interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the Call Return in the Type field.
3. Press  or Save soft key to save the configuration

To configure the Call Return via Web interface

1. Click Function Keys Line Key.
2. Select the desired Line Key and select Call Return in the Type.

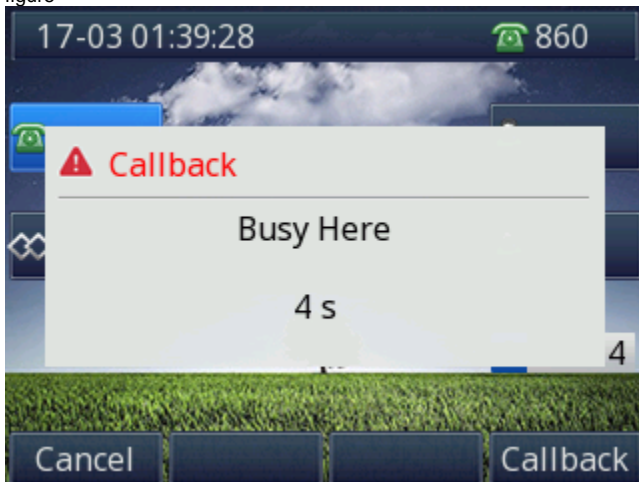


3. Click **SaveSet** to save the configuration.



Call Back

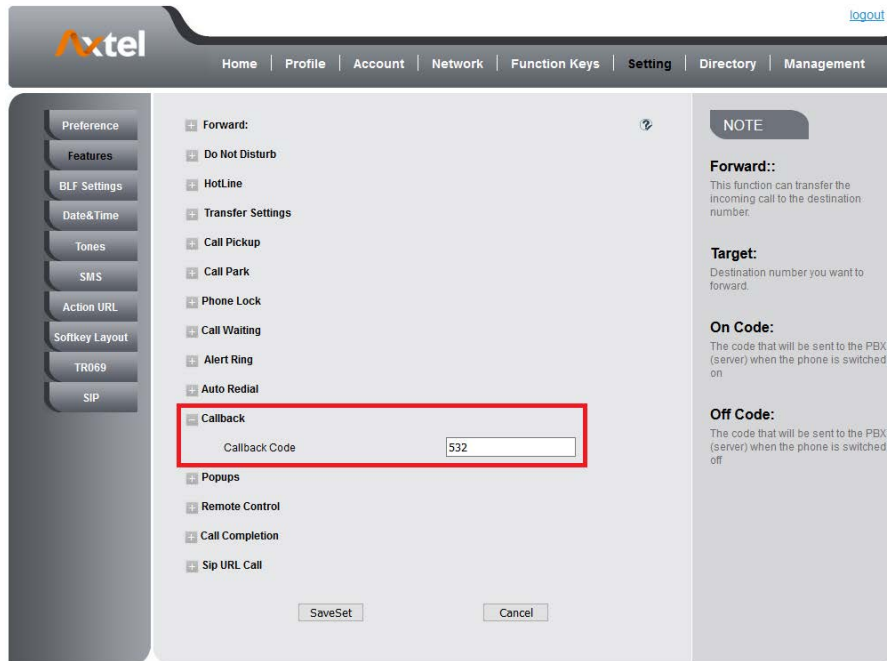
When this option is set, if the phone you call is busy and does not set call waiting or voice mail, your LCD screen will prompt for call-back, as shown in figure



If you press the Callback, the phone will dial the Callback phone number.
To configure the Call Back via Web interface

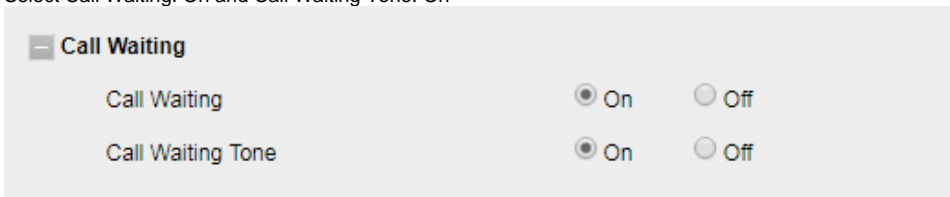
1. Click Setting Features Callback.
2. Fill the Callback phone number.

3. Click **SaveSet** to save the configuration.



Call Waiting Tone

1. Click Setting Features
2. Select Call Waiting: On and Call Waiting Tone: On



To Change the Call Waiting Tone time via Web interface

1. Click Setting Tones

[logout](#)

Axtel | Home | Profile | Account | Network | Function Keys | **Setting** | Directory | Management

Preference

Features

BLF Settings

Date&Time

Tones

SMS

Action URL

Softkey Layout

TR069

SIP

Select Country: Custom

Dial Tone: f1=350@-13,f2=440@-13,c=0/0;

Ringback Tone: f1=440@-19,f2=480@-19,c=2000/4000;

Busy Tone: f1=480@-24,f2=620@-24,c=500/500;

Reorder Tone: f1=480@-24,f2=620@-24,c=250/250;

Confirmation Tone: f1=350@-11,f2=440@-11,c=100/100-100/100-100/100;

Call Waiting Tone: f1=440@-13,c=300/10000-300/10000-0/0;

Syntax: f1=freq@vol, f2=freq@vol, c=on1/off1-on2/off2-on3/off3; [...]
 Note: freq: 0 - 4000Hz; vol: -30 - 0dBm

NOTE

Select Country:
 Select your country to generate the standard call tones. Or select Custom to customize the call tones.

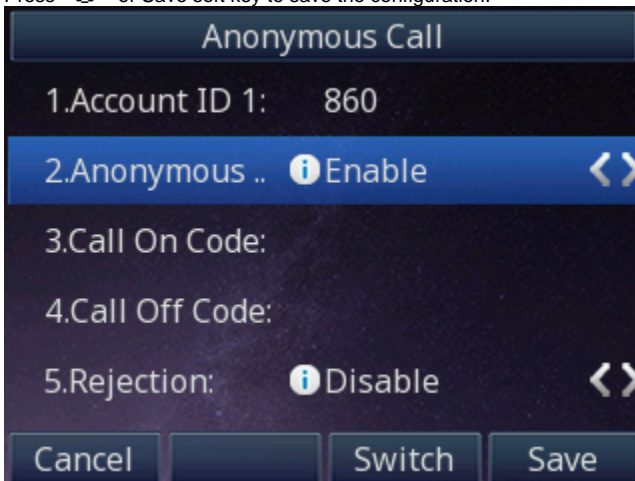
2. Change the Tone Time as you want (for example 3s)

Call Waiting Tone: f1=440@-13 c=300/10000-300/10000-0/0;

Hide Caller ID

Just enable the unknown/hidden caller feature, by enabling Anonymous call feature thereby the receiver won't be able to know who is calling them.
To configure anonymous call

1. Press Menu Features Anonymous Call Account ID 1
2. Press and to select the enable choice in Anonymous Call filed.
3. Enter the Call On Code (optional), Call Off Code (optional).
4. Press or Save soft key to save the configuration.






To cancel anonymous call feature

1. Press Menu Features Anonymous Call
2. Press and key to select the disable choice in Anonymous Call filed.
3. Press or Save soft key to save the configuration.




Reject Anonymous

If you do not want to be disturb by anonymous calls, you can set the reject anonymous call features, so you will not hear the unknown calls
To configure rejecting anonymous call

1. Press Menu Features Anonymous Call Account ID 1
2. Press  and  key to select the enable choice in Rejection filed.
3. Press  or Save soft key to save the configuration

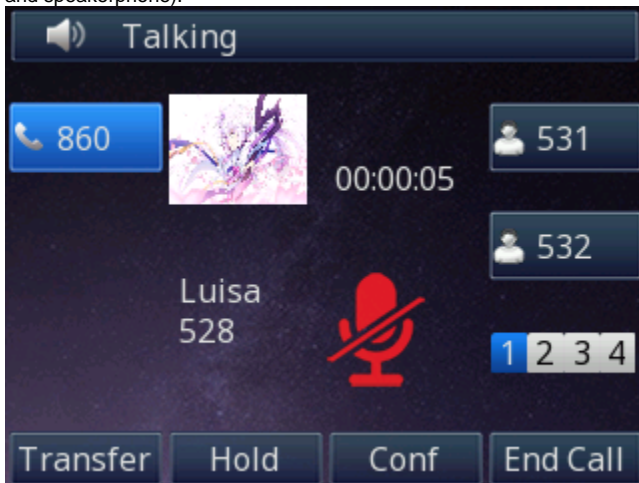


To cancel rejecting anonymous call

1. Press Menu Features Anonymous Call Account ID 1
2. Press  and  key to select the disable choice in Rejection filed.
3. Press  or Save soft key to save the configuration.

Call Mute


When you use the Mute feature, the other parties will not hear your voice while you can hear their voice. Call mute applies to all modes (handset, headset, and speakerphone).



To mute the call during a call (including a conference call)


1. Press the Mute key , then the Mute key glows green, and the LCD display 
2. To disable the mute function, press  again.

DND


When you use the DND feature, the phone is to reject all incoming calls automatically and you can see the mute icon  shown on the Top of the LCD on idle page.



To enable DND feature via Phone interface


Press the DND soft key when the phone is idle, and then  shown on the LCD.

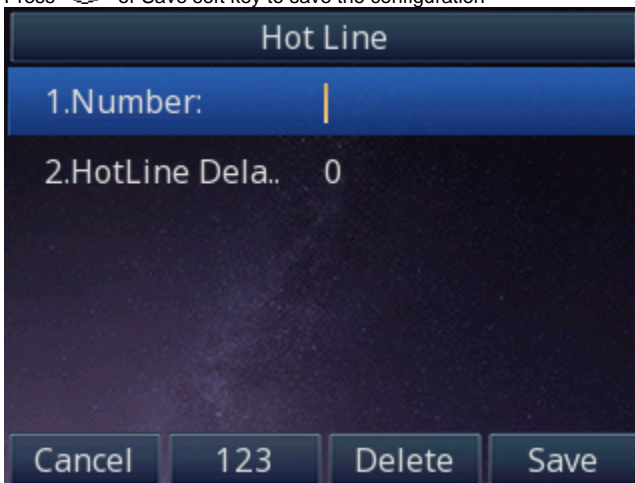
To disable DND feature via Phone interface:

Press the DND soft key again, and then there is no  on the LCD.

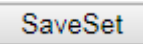
Hot Line

To configure Hot Line via Phone interface

1. Press Menu Features Hot Line
2. Enter the Number and Delay time (as present, we support off hook auto dial).
3. Press  or Save soft key to save the configuration



To configure Hotline auto dial via Web Interface

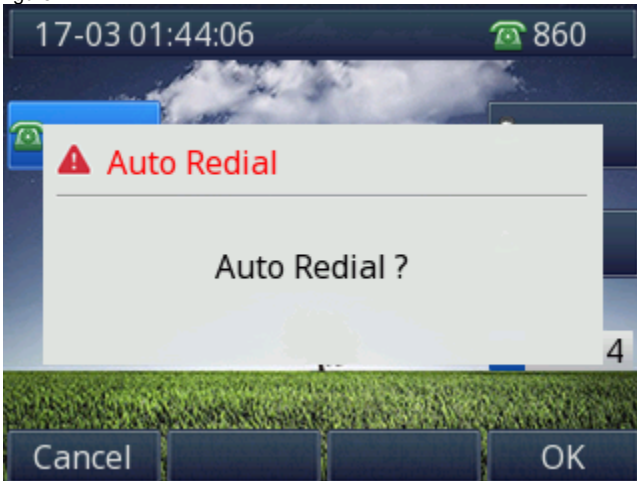
1. Setting Features HotLine.
2. Fill the number in the Hotline Number and Hotline Time-out.
3. Click  to save the configuration.

- HotLine	
Hotline Number	<input type="text"/>
Hotline Time-out(seconds)(0~180s)	<input type="text" value="0"/>

Delete the hotline number and save the configuration, then now the Hotline auto dial is cancelled.

Auto Redial

When this option is set, if the phone you call is busy and does not set call waiting or voice mail, your LCD screen will prompt for Auto Redial, as shown in figure.



If you press OK, your LCD will prompt Auto Redial Interval and Auto Redial Times
To configure Auto Redial via Web Interface

1. Click Setting Features Auto Redial
2. Select On or Off for Auto Redial.
3. Fill the number 1~300 seconds for the Auto Redial Interval.
4. Fill the number 1~300 times for the Auto Redial Times.

5. Click to save the configuration.

<input checked="" type="radio"/> On	<input type="radio"/> Off
Auto Redial Interval (1~300s)	<input type="text" value="3"/>
Auto Redial Times (1~300)	<input type="text" value="3"/>

Function Key Features and Settings

The function key supports the **Line Label Length**, **Line Page Indicator**, **BLF list MODE**, **line key as cancel**:

Line Label Length: if this option is set Long label, then the label's length will be longer, it is used if the string is too long.

Line Page Indicator: Enable this option When the phone has been configured for four pages and current page is first page, the forth page has a BLF and BLF's status is changed, then the forth page's button will flash the red indicator.

BLF blink: Turn this option on to make the BLF icon blink when the monitored extension is talking.

Line

It works same as Line keys.

Line support three Mode (Default, lock and float)

Default mode: If there is an incoming call, the phone won't navigate to the set line key account page if the line key page is set as line type and current page is page four.

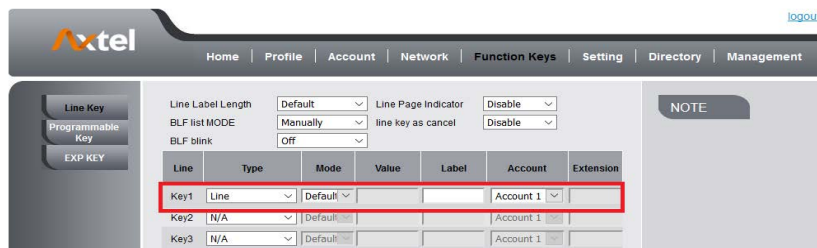
Lock mode: If there is an incoming call the line key set account will reflect on the same position on every page when the first page set as the line type.

Float mode: If there is an incoming call, the phone will navigate to the set line key account page if the line key page is set as line type and current page is page four.

To configure Line Feature via Web Interface

1. Click Function Keys Line Key.
2. Select the wanted Key and set as Line.
3. Select the Account.




- Click the  button to save the configuration.



Speed Dial

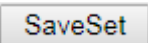
With this feature, you can dial one number by pressing the configured speed dial key.

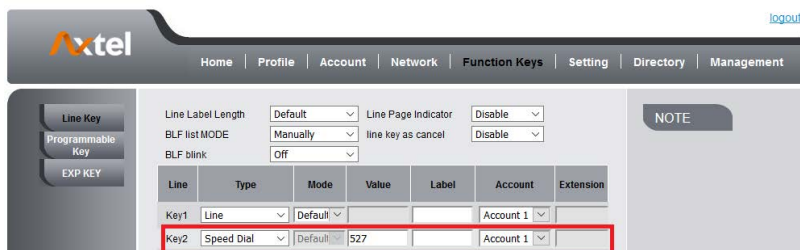
To configure Speed Dial feature via Phone interface

- Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
- Press  and  key to select the Speed Dial in the Type field.
- Enter the targeted Number.
- Press  or Save soft key to save the configuration

Then the selected Line Key will work as Speed Dial.

To configure Speed Dial feature via Web Interface

- Click Function Keys Line Key.
- Select the wanted Line Key and set as Speed Dial.
- Enter the desired phone number in the Value field.
- Select the Account ID
- Click the  button to save the configuration.








BLF

You can use the BLF (Busy Lamp Field) feature to monitor a specific extension number whether the extension is busy or free.

- When the extension you are monitoring is idle, the light is steady green.
- When the monitored extension is ringing, the light is blinking red, press the BLF key to pick the phone up directly.
- When the monitored extension is calling or in a conversation, the light is steady red.

To configure a BLF key via Phone interface

- Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example).
- Select the targeted Line Key.
- Press  and  key to select the BLF in the Type field.
- Enter the targeted Value Number.
- Press  and  key to select the Account ID.
- Enter the Pickup Code.
- Press  or Save soft key to save the configuration

To configure a BLF key via Web interface

- Click Function Keys Line Key.
- Select the desired Line Key and select BLF in the Type.
- Enter the monitored phone number in the Value field.
- Select the Account ID
- Fill the Extension.

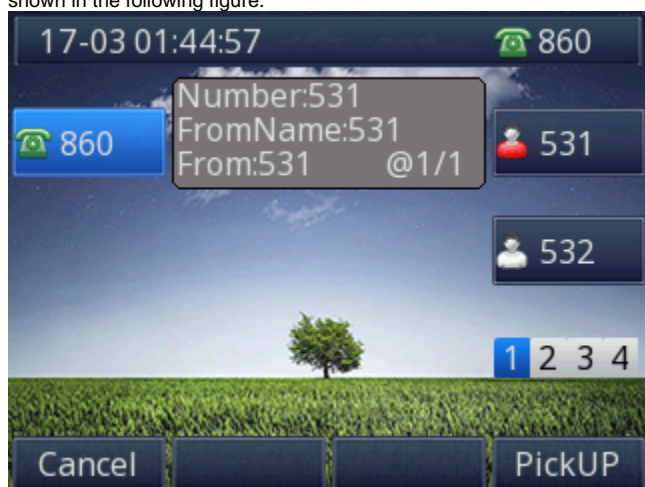
6. Click **SaveSet** to save the configuration.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default			Account 1	
Key2	BLF	Default	527		Account 1	*04

Note:
 This feature is not available on all servers. For more information, contact your system administrator.
 After setting the BLF key, do not need to restart the phone.

Visual Alert for BLF Pickup

If this option is enabled, when you use the BLF feature to monitor a specific phone whether it is busy or free, you can see this message on the LCD, as shown in the following figure.



To configure Visual Alert for BLF Pickup via Web Interface

1. Click Setting Features Call Pickup Visual Alert for BLF Pickup
2. Select Enable or Disable for Visual Alert for BLF Pickup
3. Click **SaveSet** to save the configuration.

Call Pickup

Call Pickup Mode: FAC

Direct Call Pickup: Disable

Direct Call Pickup Code: []

Group Call Pickup: Disable

Group Call Pickup Code: []

Visual Alert for BLF Pickup: Enable

Audio Alert for BLF Pickup: Disable

Audio Alert for BLF Pickup

If this option is enabled, when you use the BLF feature to monitor a specific phone whether it is busy or free, you can hear beep.

To configure Audio Alert for BLF Pickup via Web Interface

1. Click Setting Features Call Pickup Audio Alert for BLF Pickup
2. Select Enable or Disable for Audio Alert for BLF Pickup

- Click **SaveSet** to save the configuration.

Call Pickup

Call Pickup Mode: FAC

Direct Call Pickup: Disable

Direct Call Pickup Code:

Group Call Pickup: Disable

Group Call Pickup Code:

Visual Alert for BLF Pickup: Disable

Audio Alert for BLF Pickup: Enable

BLF List

To configure BLF List via Web interface:

- Login and click AccountBasic
- Fill the Eventlist BLF URL and click **SaveSet** to save the configuration.

Axtel Home | Profile | Account | Network | Function Keys | Setting | Directory | Management [logout](#)

Basic

Account Account 1

Account Status: 04@axtel.3cx.pl:5060 - Registered; UDP

* Account Active: No Yes

Profile: Profile 1

Label: 04

* SIP User ID: 04

* Authenticate ID: RyKru1

* Authenticate Password: *****

Name: 04

Local SIP Port: 5065

Use Random Port: No Yes

Voice Mail UserID: 99

Dial Plan: {[x*]+}

Eventlist BLF URL:

Shared Line: Disable

SCA Barge-In: Disable

Direct Call Pickup Code: *20*

Group Call Pickup Code:

Feature Key Sync: Enable

NOTE
The * fields must be filled (requires a phone restart)

Basic:
The Basic parameters configured by the administrator.

SaveSet **Restart**

- To configure BLF List Keys
 - Click Function Keys Line Key
 - Select the BLF List in the Type field.
 - Select Account
 - Click **SaveSet** to save the configuration.
- For more information, please check on [BLF List](#).

Voice Message

This phone supports Voicemail, and when there is a message, the message  will light green. Moreover, when you pick up the handset, or press Speaker key, you will hear some faster busy tone.

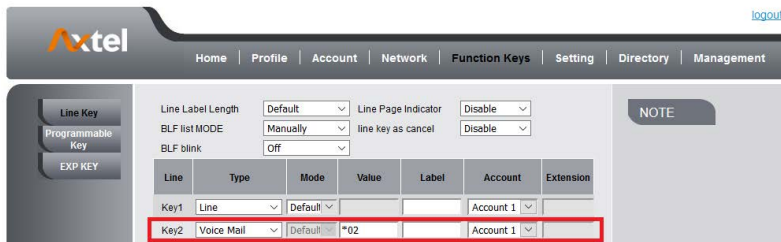


To configure the Voice mail feature via Phone interface:

1. Press Menu Messages Voice Mail Set Voice Mail.
2. Enter the Account No.1/2/3/4/5/6.../16
3. Press or Save soft key to save the configuration

To configure Voice Mail Line Key via Web Interface:

1. Click Function Keys Line Key.
2. Select the wanted Key.
3. Enter the desired voicemail feature codes in the Value field.
4. Fill the Label name to be displayed on LCD.
5. Select the Account.
6. Click to save the configuration.



To configure a Voice mail key by Phone interface:

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example).
2. Select the targeted Line Key.
3. Press and key to select the Voice Mail in the Type field.
4. Enter the Value.
5. Press and key to select the Account ID.
6. Press or Save soft key to save the configuration

To leave a voice mail:

You can leave a voice mail when the receiver is busy or its inconvenient for them to answer the call. Follow the voice prompt from the system server to leave a voice mail, and then hang up.

To listen to voice mails:

When the Phone interface prompts receiving new voice mail's icon, the power indicator LED flashes red(SettingPreference: Enable Voice Message Status) and the voice message button flashes green.

1. Press or the targeted Line Key to dial out the voice mail access code.
2. Follow the voice prompt to listen to voice mail.

To view the voicemail via Phone interface:

Press MenuMessagesVoice MailView Voice Mail.

The LCD screen displays the amount of new and old voice mails



Note:

This feature is not available on all servers. For more information, contact your system administrator.

Before listening to voice mails, make sure the voice mail access code has been configured.

When all new voice mails are retrieved, the power indicator LED, voice mail indicator LED and targeted Line Key will go out.

Direct Pickup

With this feature, you can pick up the set line when it ringing.

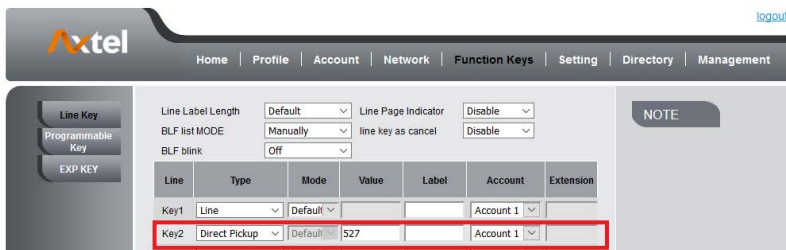
To configure Direct Pickup feature via Phone interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press and key to select the PickUP in the Type field.
3. Enter the Value.
4. Press and key to select the Account ID.
5. Press or Save soft key to save the configuration

Then the selected Line Key will work as Direct Pickup.

To configure Direct Pickup feature via Web Interface

1. Click Function Keys Line Key.
2. Select the wanted Line Key and set as Direct Pickup.
3. Enter the desired phone number in the Value field.
4. Select the Account.
5. Click to save the configuration.






Group Pickup

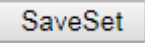
With this feature, you can pick up the specified group that you want incoming calls.

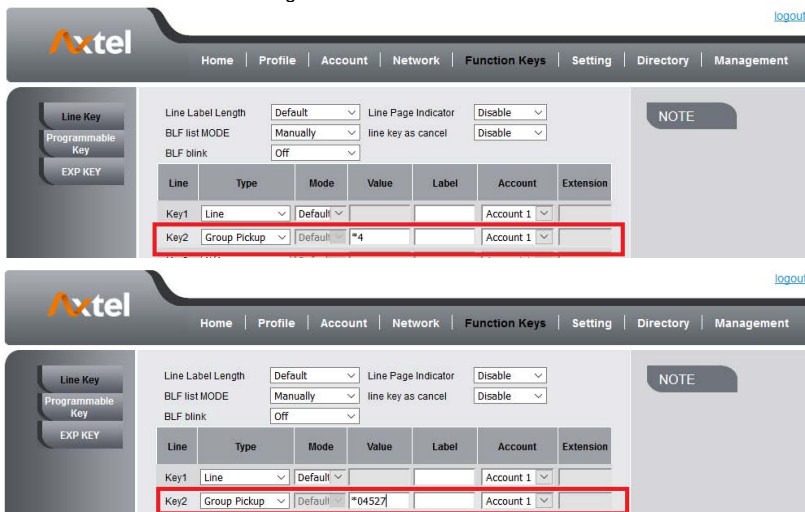
To configure the Pickup via Phone interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press and key to select the Group in the Type field.
3. Enter the group pickup code or the direct pickup code followed the desired phone number in the Value field.

- Press  and  key to select the Account ID.
- Press  or Save soft key to save the configuration

To configure the Group Pickup via Web interface




- Click Function Keys Line Key.
- Select the desired Line Key and select Group Pickup in the Type.
- Enter the group pickup code or the direct pickup code followed the desired phone number in the Value field.
- Select the Account.
- Click  to save the configuration.



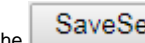
Call Park

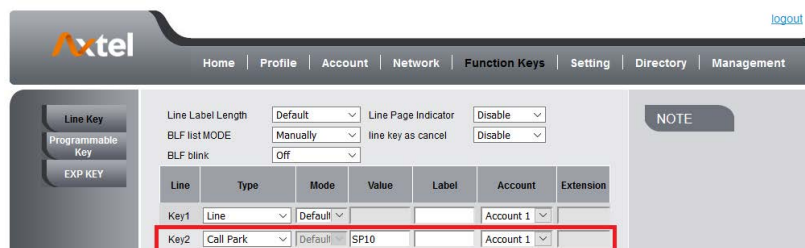
With this feature, you can put a call on hold and continue the conversation from another phone.

To configure the Call Park via Phone interface

- Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
- Press  and  or press Switch soft key to select the Call Park type.
- Select the Account ID.
- Enter the call park code in the Value field
- Press  or Save soft key to save the configuration

To configure the Call Park via Web interface

- Click Function Keys Line Key.
- Select the desired Line Key and select Call Park in the Type.
- Enter the call park code in the Value field.
- Select the Account.
- Click the  button to save the configuration.






For More information for Call Park, please see on [Call Park](#)

Intercom

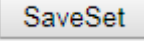
When use the intercom feature, you can quickly get access connect to the configured one.

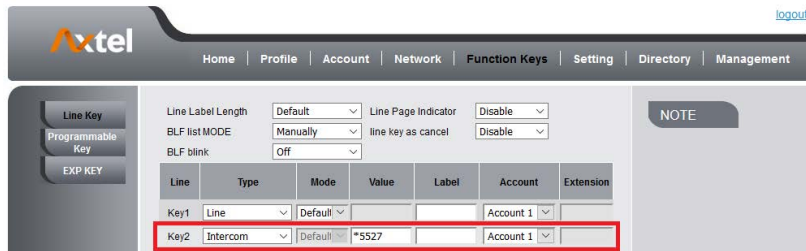
To configure intercom feature via Phone interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the Intercom in the Type field.
3. Enter the intercom codes followed by desired number in the Value field.
4. Select the Account ID.
5. Press  or Save soft key to save the configuration

Then the selected Line Key will work as intercom.

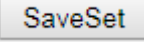
To configure Intercom feature via Web Interface

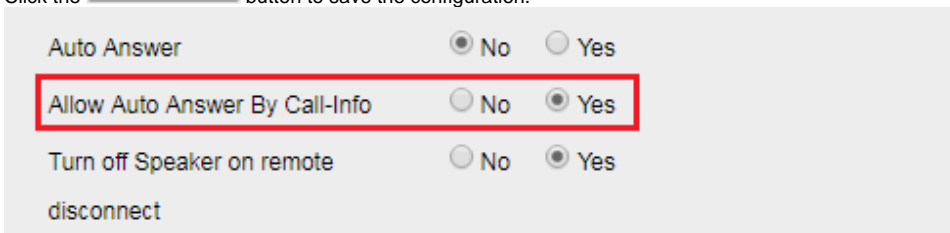
1. Click Function Keys Line Key.
2. Select the wanted Line Key.
3. Enter intercom codes followed by desired number in the Value field.
4. Select the Account.
5. Click the  button to save the configuration.



The screenshot shows the Axtel web interface with the 'Function Keys' menu open. The 'Line Key' configuration page is displayed, showing a table of keys. The 'Key2' row is highlighted with a red box, indicating it is selected. The 'Type' field for Key2 is set to 'Intercom' and the 'Value' field is set to '*5527'. The 'Account' field is set to 'Account 1'.

If you want to achieve the intercom feature, you must enable the "Allow Auto Answer by Call-Info"

1. Click Profile
2. Select the desired profile from the pull-down list of Profile in the Profile field.
3. Click Advanced
4. Enable the "Allow Auto Answer By Call-Info"
5. Click the  button to save the configuration.

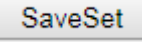


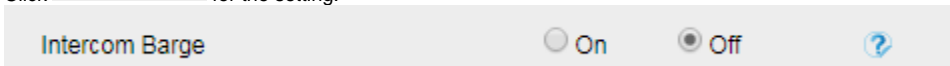
The screenshot shows the 'Auto Answer' settings page. The 'Allow Auto Answer By Call-Info' setting is highlighted with a red box, and the 'Yes' radio button is selected. Other settings include 'Auto Answer' (No selected), 'Turn off Speaker on remote' (Yes selected), and a 'disconnect' button.

Note:
This feature is not available on all servers. For more information, contact your system administrator.

Intercom Barge

If this option is on, when there is an active call and an incoming intercom call arrives, the previous call will be put on hold and the intercom call will be answered

1. Click the Setting Preference
2. Set On or Off for Intercom Barge.
3. Click  for the setting.



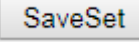
The screenshot shows the 'Intercom Barge' setting page. The 'Off' radio button is selected, and the 'On' radio button is unselected. There is a help icon (question mark) to the right of the buttons.

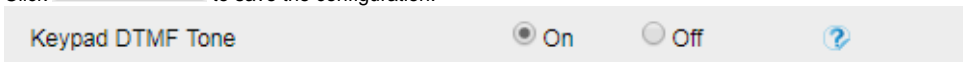
Note:
This feature is not available on all servers. For more information, contact your system administrator.

DTMF




When the key is configured as DTMF key, you are allowed to send out the desired DTMF number during the conversation. To use this feature, you should sure that the DTMF Tone is on.

To configure the DTMF via Web Interface

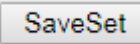
1. Click SettingPreference
2. Select On for Keypad DTMF Tone.
3. Click  to save the configuration.

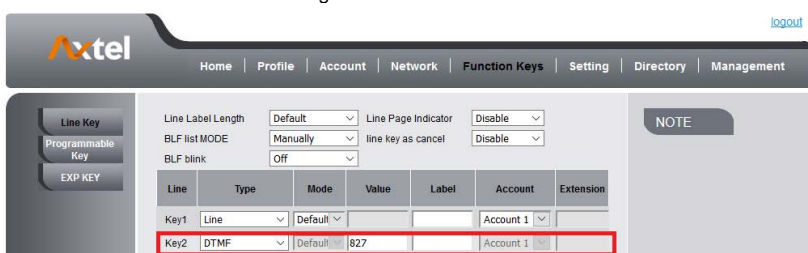


To configure the DTMF via Phone Interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the DTMF in the Type field.
3. Enter the value with the Desired DTMF number
4. Press  or Save soft key to save the configuration

To configure the DTMF via Web interface




1. Click Function Keys Line Key.
2. Select the desired Line Key and select DTMF in the Type.
3. Fill the value with the Desired DTMF number.
4. Click the  to save the configuration.



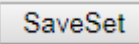
Prefix

If the key is configured as Prefix key, you can set the number prefix (e.g. Before the number plus 9), then you don't input 9, press the key and 9 will display on the LCD interface.

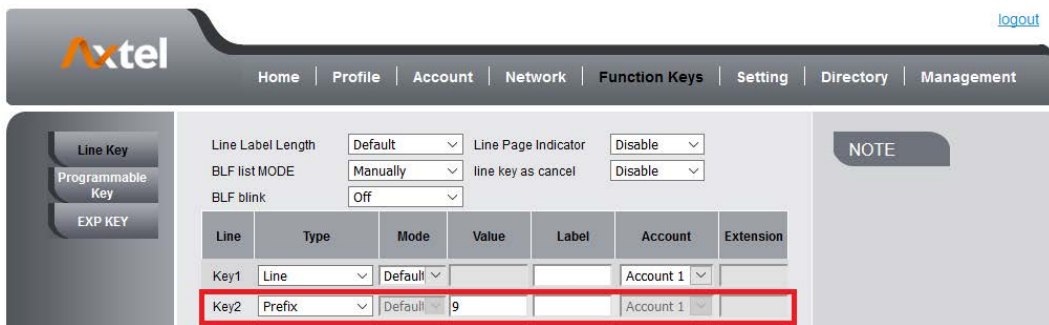
To configure the Prefix via Phone Interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the Prefix in the Type field.
3. Enter the Value with number that you want to set as prefix
4. Press  or Save soft key to save the configuration

To configure the Prefix via Web interface

1. Click Function Keys Line Key.
2. Select the desired Line Key and select Prefix in the Type.
3. Fill the Value.
4. Click  to save the configuration.




Then when you press this key, the set value is input directly.



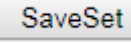
Local Group

When use the Local Group feature, press the key and enter the local Contacts interface quickly.

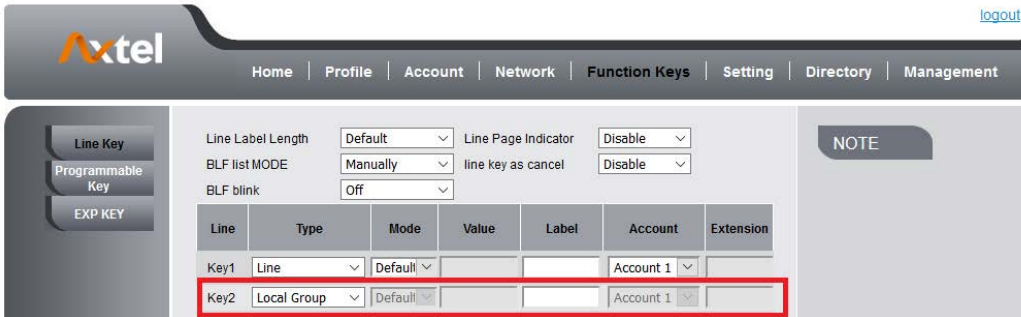
To configure the Local group via Phone Interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the Local Group in the Type field.
3. Press  or Save soft key to save the configuration

To configure the Local Group via Web interface

1. Click Function Keys Line Key.
2. Select the desired Key and select Local Group in the Type.
3. Click  to save the configuration.

Then you can press the Local Group key to access the pre-defined contact group in the local directory quickly.








The screenshot shows the Axtel web interface with a navigation bar (Home, Profile, Account, Network, Function Keys, Setting, Directory, Management) and a 'logout' link. On the left, there are buttons for 'Line Key', 'Programmable Key', and 'EXP KEY'. The main area contains configuration options for Line Label Length, BLF list MODE, BLF blink, Line Page Indicator, and line key as cancel. Below these is a table with columns: Line, Type, Mode, Value, Label, Account, and Extension. The table has two rows: Key1 (Line, Default, Account 1) and Key2 (Local Group, Default, Account 1). The Key2 row is highlighted with a red border.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default			Account 1	
Key2	Local Group	Default			Account 1	

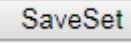
XML Group

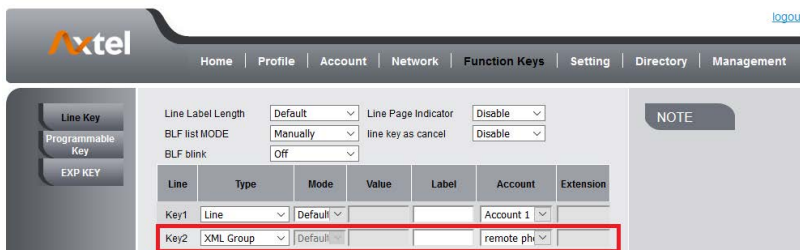
When use the XML Group feature, press the key and enter the Remote Contacts interface quickly.

To configure the XML group via Phone Interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the XML Group in the Type field.
3. Press  and  key to select the Account ID.
4. Press  or Save soft key to save the configuration

To configure the XML Group via Web interface

1. Click Function Keys Line Key.
2. Select the desired Key and select XML Group in the Type.
3. Select the Account.
4. Click  to save the configuration.






The screenshot shows the Axtel web interface with a navigation bar (Home, Profile, Account, Network, Function Keys, Setting, Directory, Management) and a 'logout' link. On the left, there are buttons for 'Line Key', 'Programmable Key', and 'EXP KEY'. The main area contains configuration options for Line Label Length, BLF list MODE, BLF blink, Line Page Indicator, and line key as cancel. Below these is a table with columns: Line, Type, Mode, Value, Label, Account, and Extension. The table has two rows: Key1 (Line, Default, Account 1) and Key2 (XML Group, Default, remote ph). The Key2 row is highlighted with a red border.

Line	Type	Mode	Value	Label	Account	Extension
Key1	Line	Default			Account 1	
Key2	XML Group	Default			remote ph	

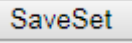
LDAP

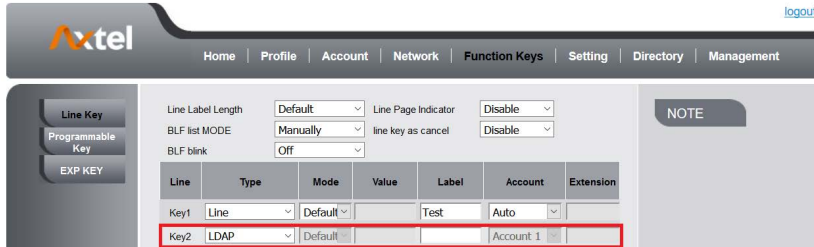
When use the LDAP feature, you can get the LDAP Phonebook directly.

To configure the LDAP via Phone Interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the LDAP in the Type field.
3. Press  or Save soft key to save the configuration

To configure the LDAP via Web interface




1. Click Function Keys Line Key.
2. Select the desired Key and select LDAP in the Type.
3. Click  to save the configuration.



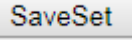
XML Browser

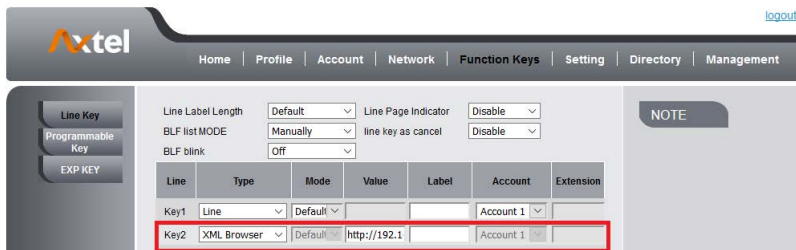
You can use this key feature to access the Xml Browser quickly. The XML Browser allows you to create custom services which meet your functional requirements on the server. You can customize practical applications, such as weather report, stock information, Google search, etc.

To configure the XML Browser via Phone Interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the XML Browser in the Type field.
3. Fill the access URL for xml browser
4. Press  or Save soft key to save the configuration

To configure the XML Browser via Web interface




1. Click Function Keys Line Key.
2. Select the desired Key and select xml browser in the Type.
3. Fill the access URL for xml browser (e.g.: http://192.168.0.106/XMLBrowser/TextMenu.xml)
4. Click  button to save the configuration.



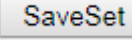
Broadsoft Group

When using the BroadSoft Group feature, by just pressing the key you can enter the Broadsoft Contacts interface quickly.

To configure the Broadsoft Group via Phone Interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the Broadsoft Group in the Type field.
3. Press  or Save soft key to save the configuration

To configure the Broadsoft Group via Web interface




1. Click Function Keys Line Key.
2. Select the desired Key and select Broadsoft Group in the Type.
3. Click the  button to save the configuration.

Conference

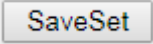
The Axtel IP Phone supports up to 5-way conference. You are allowed to configure the line key to be used as a conference key. This key works same



To configure the Conference via Phone Interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the Conference in the Type field.
3. Press  or Save soft key to save the configuration




To configure Conference via Web Interface

1. Click Function Keys Line Key.
2. Select the desired Key and select Conference in the Type.
3. Click the  button to save the configuration.

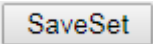
Forward

If the key is configured as Forward key, press this key under the idle status, the IP phone will turn to the Always Forward interface and you can set the Forward to number, then when there is any call to that number it will be forwarded to the set number automatically.

To configure the Forward via Phone Interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the Forward in the Type field.
3. Enter the Number to forward to.
4. Press  or Save soft key to save the configuration




To configure Forward via Web Interface

1. Click Function Keys Line Key.
2. Select the desired Key and select Forward in the Type.
3. Enter the Value with the number you want to forward to.
4. Click the  button to save the configuration.

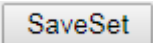
Transfer

You are able to configure the key as a transfer key to perform the Blind/Attended/ Semi-Attended Transfer.

To configure the Transfer via Phone Interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the Transfer in the Type field.
3. Enter the Number to transfer to
4. Press  or Save soft key to save the configuration




To configure Transfer via Web Interface

1. Click Function Keys Line Key.
2. Select the desired Key and select Transfer in the Type.
3. Enter the Value with the number that wanted transfer to
4. Click the  button to save the configuration.

Hold

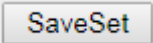
The key can be configured as a hold key. You can use this key to hold and resume a call during the conversation.

To configure the Hold via Phone Interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the Hold in the Type field.
3. Press  or Save soft key to save the configuration

To configure Hold via Web Interface




To configure Hold via Web Interface

1. Click Function Keys Line Key.
2. Select the desired Key and select Hold in the Type.
3. Click the  button to save the configuration.

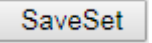
Group Listening

With this feature, when you have an active call, you can listen using Handset and Free-speaker, but only can use the handset to speak.

To configure the Group listening via Phone Interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the Group Listening in the Type field.
3. Press  or Save soft key to save the configuration




To configure Group listening via Web Interface

1. Click Function Keys Line Key.
2. Select the desired Key and select Group Listening in the Type.
3. Click  to save the configuration.

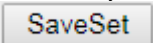
DND

If the key is configured as DND key, allows you to activate the DND function immediately when you press it and the phone will reject all incoming calls automatically. Press it again to deactivate DND mode.

To configure the DND via Phone Interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the DND in the Type field.
3. Press  or Save soft key to save the configuration

To configure DND via Web Interface

1. Click Function Keys Line Key.
2. Select the desired Key and select DND in the Type.
3. Click the  button to save the configuration.

To enable DND feature

Press the DND soft key when the phone is idle status, and then DND icon is shown on the LCD.

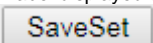
To disable DND feature

Press the DND soft key again, and then there is no DND icon on the LCD.

Redial

If the key is configured as Redial key, you can redial the last placed call from the IP Phone.

To configure Redial via Web Interface

1. Click Function Keys Line key
2. Select the desired Key and select Redial in the Type.
3. Enter the Label displayed on LCD.
4. Click the  button to save the configuration.

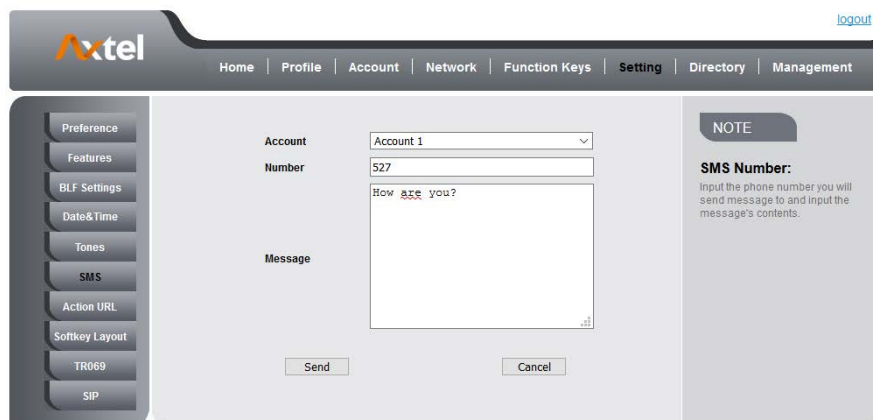
SMS

Send SMS

To send SMS via web Interface

1. Click SettingSMS
2. Select the Account (from which account the SMS sent)
3. Enter the targeted number

4. Input the content of SMS, and click Send.






To send SMS via Phone interface:

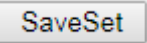
1. Click MenuMessagesText MessageSet SMS
2. Enter the contents in the blank field.
3. Press the Send button
4. Select the account in the From field (from which account the SMS sent)
5. Enter the target number in the To field (to which account the number sent)
6. Press the Send button.

Set SMS Line Key

To configure the SMS via Phone Interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the SMS in the Type field.
3. Press  or Save soft key to save the configuration



To configure SMS via Web Interface


1. Click Function Keys Line Key.
2. Select the desired Key and select SMS in the Type.
3. Click  to save the configuration.

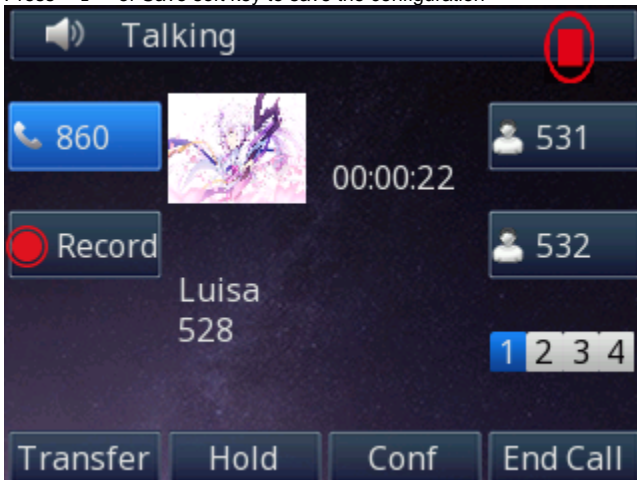
Record

With record feature, you can record your calls by pressing the record key.

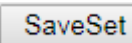
To configure the record via Phone interface

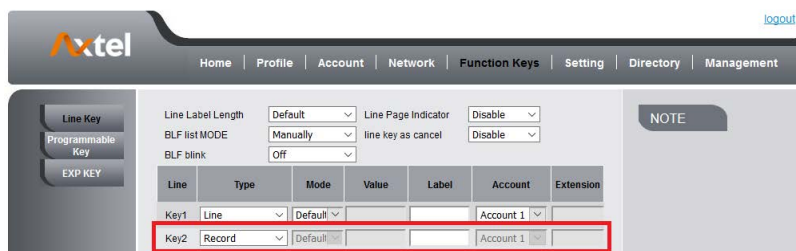
1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the Record in the Type field.

3. Press  or Save soft key to save the configuration



To configure the record via Web Interface

1. Click Function Keys Line Key.
2. Select the desired Line Key and select Record in the Type.
3. Click the  button to save the configuration.






Note:
Please contact the system administrator whether support this feature or not.

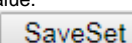
URL Record

The phone sends HTTP URL request to trigger a recording. Contact your system administrator for the predefined URL.

To configure the URL record via Phone interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the URL Record in the Type field.
3. Fill the Value.
4. Press  or Save soft key to save the configuration



To configure the record via Web Interface




1. Click Function Keys Line Key.
2. Select the desired Line Key and select URL Record in the Type.
3. Fill the Value.
4. Click the  button to save the configuration.

Paging

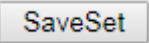
With this feature, you can call a paging group directly.

To configure the paging via Phone interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the Paging in the Type field.
3. Enter the paging code followed the number.

4. Press  and  key to select the Account ID.
5. Press  or Save soft key to save the configuration

To configure the Paging via Web interface

1. Click Function Keys Line Key.
2. Select the desired Line Key and select Paging in the Type.
3. Enter the paging code followed the number.
4. Select the Account.
5. Click the  button to save the configuration.

Shared Line






Axtel IP Phone supports "Share Call Appearance" by Broadsoft and XCast standard. This feature allows members of the SCA group to share SIP lines and provides status monitoring (idle, active, progressing, hold) of the share line. When there is an incoming call designated for the SCA group, all of the members of the group will be notified of an incoming call and will be able to answer the call from the phone with the SCA extension registered in the group. All the users that belong to the same SCA group will be notified by visual indicator when a user seizes the line and places an outgoing call, and all the users of this group will not be able to seize the line until the line goes back to an idle state or when the call is placed on hold (with the exception of when multiple call appearances are enabled on the server side).

In the middle of the conversation, there are two types of hold: Public Hold and Private Hold. When a member of the group places the call on public hold, the other users of the SCA group will be notified of this by the red-flashing button and they will be able to resume the call from their phone by pressing the line button. However, if this call is placed on private-hold, no other member of the SCA group will be able to resume that call.

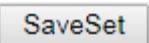
To enable share call appearance, the user would need to register the share line account on the phone. In addition, they would need to navigate to "Account" "Advanced" on the webpage and set the line to "Share Line" and "SIP Server Type", and configure the line key or Line Key as "line" type with the desired account on webpage or LCD. If the user requires more share call appearances, the user can configure multiple line keys (Function KeysLine key) to be "line" type associated with the account.

This feature is very useful in the boss and secretary scenario. For example, the secretary can share the boss' extension number on her phone. When there is an incoming call to the extension number of the boss, both the phones of the boss and the secretary will ring simultaneously. Either the boss or the secretary can answer the call. Calls on share line can be placed on hold or barged in.

To configure the line key as line via Phone interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the Line in the Type field.
3. Press  and  key to select the Account ID.
4. Enter the Label
5. Enter the Value
6. Press  or Save soft key to save the configuration

To configure the line key as line via Web Interface

1. Click Function Keys Line Key.
2. Select the desired Line Key and select Line in the Type.
3. Enter the Value.
4. Enter the Label.
5. Select the Account
6. Click the  button to save the configuration and then restart.




Note:

This feature is not available on all servers. For more information, contact your system administrator.

Public Hold

The key can be configured as a public hold key. During a conversation, all members belonging to that particular SLA group can use this key to hold or resume a call.

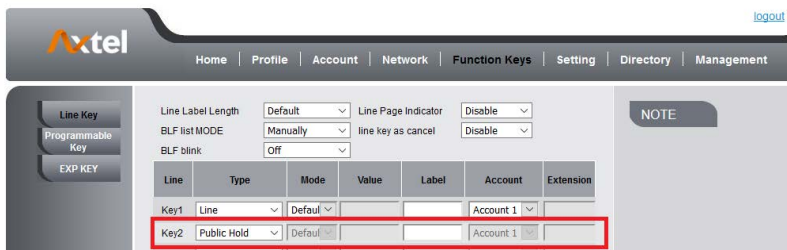
To configure the Public hold via Phone interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the Public Hold in the Type field.
3. Press  or Save soft key to save the configuration

To configure public hold via Web Interface

1. Click Function Keys Line Key.
2. Select the desired Key and select Public Hold in the Type.




- Click the  button to save the configuration.



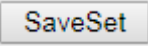
Private Hold

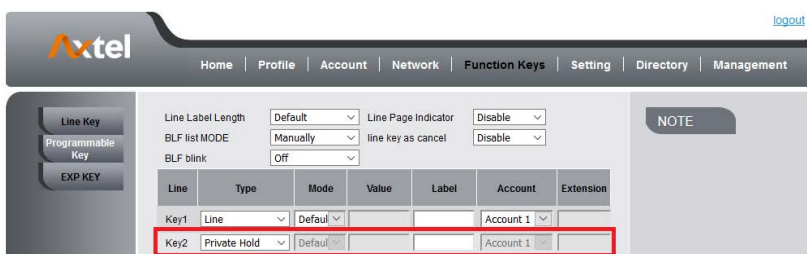
The key can be configured as a private hold key. During a conversation, all members belonging to that particular SLA group can use this key to hold the call, but only the initiator can resume the call.

To configure the Private hold via Phone interface

- Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
- Press  and  key to select the Private Hold in the Type field.
- Press  or Save soft key to save the configuration

To configure private hold via Web Interface




- Click Function Keys Line Key.
- Select the desired Key and select Private Hold in the Type.
- Click the  button to save the configuration.



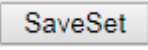
Hot Desking

Hot Desking originates from the definition of being the temporary physical occupant of a work station or surface by a particular employee. A primary motivation for Hot Desking is cost reduction. This feature is regularly used in places where all employees are not in the office at the same time, or not in the office for a very long time, which means their personal offices are often vacant, consuming valuable space and resources. You can use Hot Desking on the IP phone to logout the existing accounts and then log in a new account, which allows many users to share the phone resource in different times. To use this feature, first you need to configure a Hot Desking key in the advance settings.

To configure the hot desking via Phone interface

- Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
- Press  and  key to select the Hot Desking in the Type field.
- Enter the display name in the Label field.
- Press  or Save soft key to save the configuration

To configure the hot desking via Web interface:

- Click Function Keys Line Key.
- Select the desired Key and select Hot Desking in the Type.
- Select the desired account from the pull-down list of Account field.
- Click the  button to save the configuration.

To use the hot desking feature on the user interface:

- Press the Hot Desking key when the IP Phone is idle.
- Enter the Extension number and password
- Click Save soft key

You can see the account information which has changed.




Note:

This feature is not available on all servers. For more information, contact your system administrator.

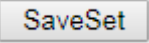
ACD

ACD feature is often used in offices for customer service, such as call center. The ACD system handles large volumes of incoming calls from callers who have no need to talk to a specific person but who require assistance from any of the different personnel at the earliest point. The ACD feature on the Axtel IP Phone allows the ACD system to distribute calls from large volumes of incoming calls to the registered IP phone users. To use this feature, first you should configure an ACD key in the advance settings.

To configure the ACD via Phone interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the ACD in the Type field.
3. Enter the label in the Label field.
4. Select the desired account in the Account ID field.
5. Press  or Save soft key to save the configuration

To configure the ACD via Web interface:

1. Click Function Keys Line Key.
2. Select the desired Key and select ACD in the Type.
3. Enter the label in the Label field.
4. Select the desired account from the pull-down list of Account field.
5. Click the  button to save the configuration.




Note:

This feature is not available on all servers. For more information, contact your system administrator.

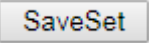
Zero Touch

You can use this key feature to configure auto provision and network parameters quickly.

To configure the zero touch via Phone interface

1. Press Menu Features Function Keys Line Keys as Function Keys Line Key2(for example)
2. Press  and  key to select the Zero Touch in the Type field
3. Press  or Save soft key to save the configuration

To configure the zero touch via Web interface:

1. Click Function Keys Line Key.
2. Select the desired Key and select Zero Touch in the Type.
3. Click the  button to save the configuration.

To use the zero touch feature on the user interface:

1. Press the Zero Touch key when the IP Phone is idle.
2. Press the OK soft key and the IP Phone will enter the WAN Port interface; you can change the WAN Type by pressing the Navigation keys.
3. Press the Next soft key to enter Network interface, then you can configure some information.
4. Press the Next soft key again, you can configure auto provision information.
5. When you finish the setting, you can press the OK to accept the changes.

Note:




This feature is not available on all servers. For more information, contact your system administrator.

Multicast Paging

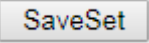
You can use multicast paging to quickly and easily forward out time sensitive announcements to people within the multicast group. You can configure a multicast paging key or a paging list key on the phone, which allows you to send a Real Time Transport Protocol (RTP) stream to the pre-configured multicast address/addresses without involving SIP signaling. You can configure the phone to receive an RTP stream from pre-configured multicast listening address/addresses without involving SIP signaling. You can specify up to 10 multicast listening addresses.

Sending RTP Stream

To configure a multicast paging key via Phone interface

1. Press Menu Features Line Key Line Key2(e.g.)
2. Press  and  or switch key to select the Multicast Paging in the Type field.
3. Enter the multicast IP address and port number (e.g., 224.5.6.20:2000) in the Value field.
The valid multicast IP addresses range from 224.0.0.0 to 239.255.255.255.
4. Press  or Save soft key to save the configuration

To configure a multicast paging key via Web interface

1. Function KeysLine Key
2. Select the desired Key and select Multicast Paging in the Type.
3. Enter the multicast IP address and port number (e.g., 224.5.6.20:2000) in the Value field.
The valid multicast IP addresses range from 224.0.0.0 to 239.255.255.255.
4. Click the  button to save the configuration.

Sending RTP Stream:

Press the Multicast Paging key when the phone is idle.

The phone sends RTP to a preconfigured multicast address (IP:Port). Any phone in the local network then listens to the RTP on the preconfigured multicast address (IP:Port). For both sending and receiving of the multicast RTP, there is no SIP signaling involved.

The multicast paging key LED illuminates solid green.

Receiving RTP Stream

You can configure the phone to receive a Real Time Transport Protocol (RTP) stream from the pre-configured multicast address/addresses without involving SIP signaling. You can specify up to 10 multicast addresses that the phone listens to on the network. How the phone handles incoming multicast paging calls depends on Paging Barge and Paging Priority Active parameters configured via web user interface.

Paging Barge

The paging barge parameter defines the priority of the voice call in progress. If the priority of an incoming multicast paging call is lower than that of the active call, it will be ignored automatically. If Disabled is selected from the pull-down list of Paging Barge, the voice call in progress will take precedence over all incoming multicast paging calls.

Valid values in the Paging Barge field:

- 1 to 10: Define the priority of the active call, 1 with the highest priority, 10 with the lowest.
- Disabled: The voice call in progress will take precedence over all incoming paging calls.

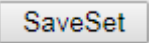
Paging Priority Active

The paging priority active parameter decides how the phone handles incoming multicast paging calls when there is already a multicast paging call on the phone. If enabled, the phone will ignore incoming multicast paging calls with lower priorities, otherwise, the phone will answer incoming multicast paging calls automatically and place the previous multicast paging call on hold. If disabled, the phone will automatically ignore all incoming multicast paging calls.

Multicast Codec:

You can only configure the codec by Web interface.

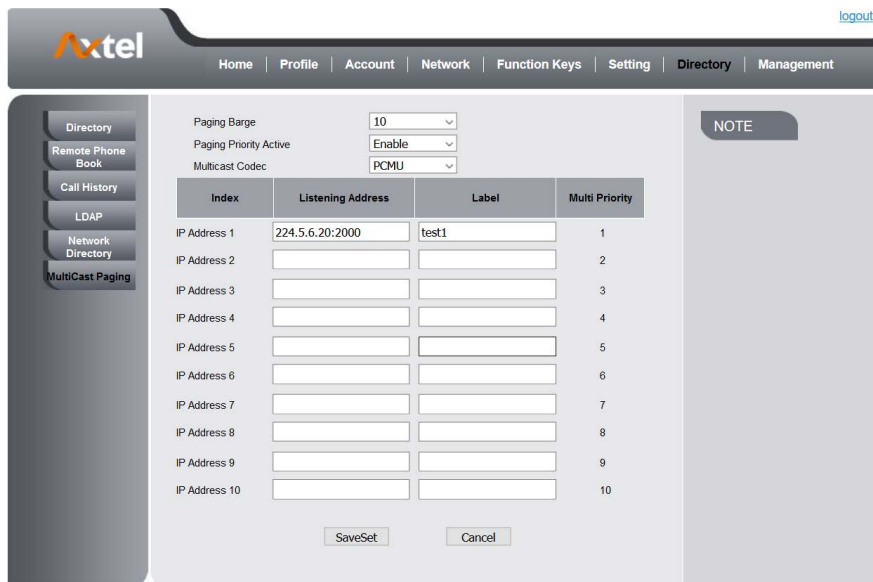
To configure multicast codec key via Web interface

1. Click Directory Multicast Paging:
2. Select the desired codec from the pull-down list of Multicast Codec
3. Click the  button to save the configuration.

To configure multicast listening addresses via Web interface:

1. Click DirectoryMulticast Paging
2. Select the desired value from the pull-down list of Paging Barge.
3. Select the desired value from the pull-down list of Paging Priority Active.
4. Enter the multicast IP address/addresses and port number (e.g., 224.5.6.20:2000) which the phone listens to for incoming RTP multicast in the Listening Address field.
5. Enter the label in the Label field.

6. Click  button to save the configuration.



Index	Listening Address	Label	Multi Priority
IP Address 1	224.5.6.20:2000	test1	1
IP Address 2			2
IP Address 3			3
IP Address 4			4
IP Address 5			5
IP Address 6			6
IP Address 7			7
IP Address 8			8
IP Address 9			9
IP Address 10			10

Note:
 The priorities of listening to multicasting addresses can be predefined: 1 being the highest priority, 10 with the lowest in priority order. Both the multicast paging sender and receiver's phones play a warning tone when establishing a multicast paging call. Listening to Multicasting addresses can be configurable via Web interface only.

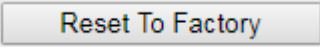
Upgrade

Factory Reset

To set Factory Reset by Phone interface

1. Press Menu Settings Advanced Setting (default password: **admin**) Phone Setting Factory Reset
2. Press OK soft key in the warning page.

To set Factory Reset via Web interface

1. Click Management Upgrade
2. Click  and then confirm the setting.

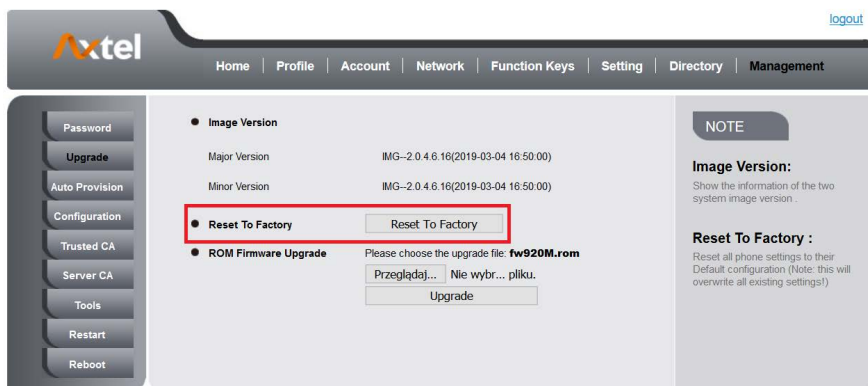


Image Version

Major Version	IMG-2.0.4.6.16(2019-03-04 16:50:00)
Minor Version	IMG-2.0.4.6.16(2019-03-04 16:50:00)

Reset To Factory

ROM Firmware Upgrade Please choose the upgrade file: **fw920M.rom**
 Przeglądaj... Nie wybr... pliku.

NOTE

Image Version:
 Show the information of the two system image version .

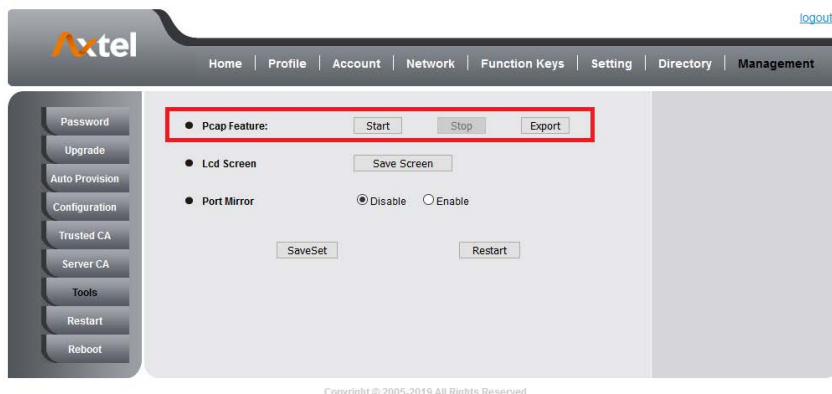
Reset To Factory :
 Reset all phone settings to their Default configuration (Note: this will overwrite all existing settings!)

Pcap Feature

To use pcap via Web interface:

1. Click ManagementTools
2. Click Start and then operation the phone
3. When finish the operation, click Stop and then click Export.

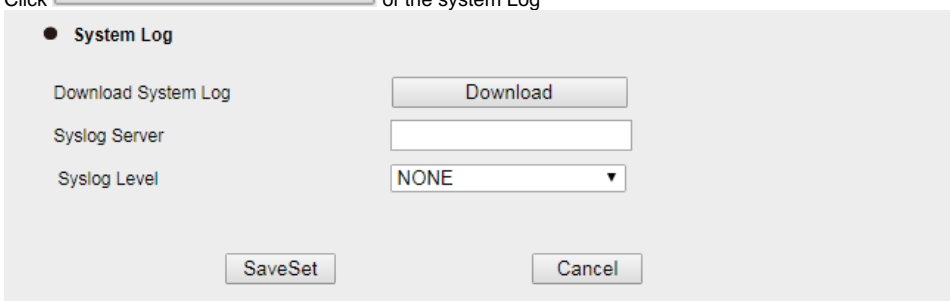
4. Then you'll get the Pcap captures.



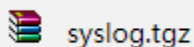
System Log

To download system log via Web interface:

1. Click ManagementConfiguration
2. Click  of the system Log



3. Then you'll get a txt file: syslog.tgz.



Upgrade

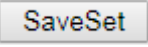
To upgrade via HTTP, the "Management" "auto provision" "Firmware Upgrade" "Upgrade Mode" field needs to be set to HTTP, respectively. "Firmware Server Path" needs to be set to a valid URL of a HTTP server, server name can be in either FQDN or IP address format. Here are examples of some valid URL.

- e.g. firmware.mycompany.com:5688/Axtel
- e.g. www.mycompany.com:5688/fm/Axtel
- e.g. 218.2.83.110

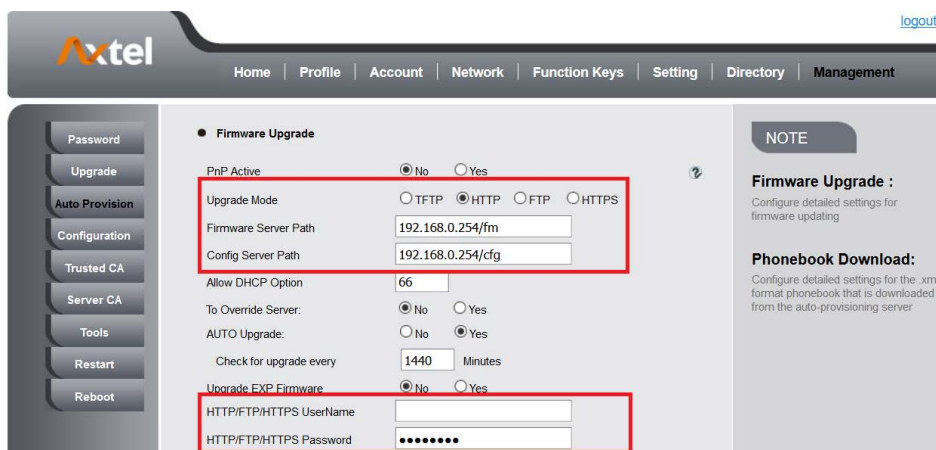
Instructions for firmware upgrade via HTTP:

- (1) End users can choose to download the free HTTP server from <http://httpd.apache.org/> or use Microsoft IIS web server. Then setup HTTP server.
- (2) Unzip the firmware file and put all of them under the *root*/fm directory of the HTTP server.
- (3) Visiting "http://192.168.0.254/fm/fw9XX.rom on localhost by browser" to verify the HTTP Server. If visiting "http://192.168.0.254/fm/fw9XX.rom on another computer and it not prompted to download fw9XX.rom file on this computer, please check if the firewall is on or off (Suggest you turn off the firewall).

To configure the server path via Web interface:

1. Click ManagementAuto provision:
2. Select the upgrade mode in the Upgrade Mode field
3. Enter the Firmware Server Path and Config Server Path (192.168.0.254 is HTTP server).
4. Enter the HTTP server's username and password (optional).
5. Click the  button to save the configuration.

6. Restart the AX-400G, IP Phone will restart and auto-get firmware files from HTTP server.

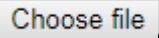


NOTES:

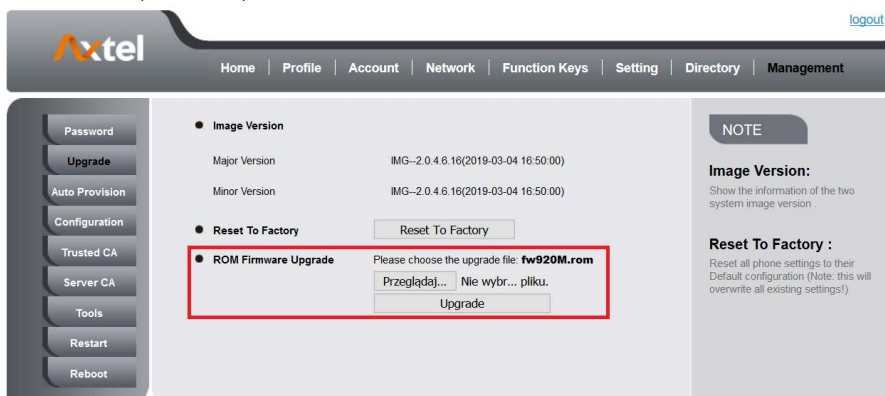
- Axtel recommends end-user use the Axtel HTTP server. For large companies, we recommend to maintain their own TFTP/HTTP/FTP/HTTPS server for upgrade and provisioning procedures.
- Once a "Firmware Server Path" is set, user needs to update the settings and restart the IP Phone. If the configured firmware server is found and a new code image is available, the AX-400G will attempt to retrieve the new image files by downloading them into the AX-400G's SDRAM. During this stage, the AX-400G's LEDs will blink fastly until the checking/downloading process is completed. Upon verification of checksum, the new code image will then be saved into the Flash. If TFTP/HTTP/FTP/HTTPS fails for any reason (e.g. TFTP/HTTP/FTP/HTTPS server is not responding, there are no code image files available for upgrade, or checksum test fails, etc), the AX-400G will stop the TFTP/HTTP/FTP/HTTPS process and simply boot using the existing code image in the flash.
- Firmware upgrade may take as long as 3 to 8 minutes over Internet, or just 1 minutes if it is performed on a LAN. It is recommended to conduct firmware upgrade in a controlled LAN environment if possible. For users who do not have a local firmware upgrade server.
- Axtel's latest firmware is available at www.axtelphones.com Support Document & Firmware.
- Oversea users are strongly recommended to download the binary files and upgrade firmware locally in a controlled LAN environment.

To upgrade manually via the Web configuration interface

1. Click Management Upgrade

2. Click  or the blank.

3. Select the firmware (fw9XX.rom) and then click .



Configuration File

To download configuration file:

1. Click Management Configuration Configure File

2. Click the **Download Xml File** or **Download Bin File**, then you can get a file: cfg.bin or cfg.xml

● **Configure File**

Download Device Xml Configuration	Download Xml File
Restore Xml Configuration	Choose file No file chosen Restore Xml Configuration
Download Device Bin Configuration	Download Bin File
Restore Bin Configuration	Choose file No file chosen Restore Bin Configuration
Download User Bin Configuration	Download User Bin File
Delete User Configuration	Delete User File

To Restore a configuration file:

1. Click Management Configuration Configure File

2. Select the xxx.bin or xxx.xml file, and then Click the **Restore Xml Configuration** or **Restore Bin Configuration**, then IP Phone will reboot.

● **Configure File**

Download Device Xml Configuration	Download Xml File
Restore Xml Configuration	Choose file No file chosen Restore Xml Configuration
Download Device Bin Configuration	Download Bin File
Restore Bin Configuration	Choose file No file chosen Restore Bin Configuration
Download User Bin Configuration	Download User Bin File
Delete User Configuration	Delete User File

Troubleshooting

Why is the phone LCD screen blank?

- Ensure your phone is properly plugged into a functional AC outlet.
- Ensure that the phone isn't plugged into a plug controlled by a switch that is off.
- If the phone is plugged into a power strip, try plugging it directly into a wall outlet instead.
- If your phone is powered from PoE, ensure you use a PoE compliant switch or hub, or contact your system administrator for more information.
- Check if the power LED is on to ensure that the phone is powered on.

Why does the phone display "Network Unavailable"?

To resolve:

- Ensure that the Ethernet cable is plugged into the Internet port on the phone and the Ethernet cable is not loose.
- Ensure that the switch or hub in your network is functioning well.
- If the problem still persists, Contact your system administrator for more information.

Why can't I get a dial tone?

To resolve:

- Check for any loose connections and that the phone has been installed properly. For the Installation instructions, refer to the phone installation section.
- Check whether dial tone is present on one of the audio modes.
- Switch between the Handset, Headset (if you have) or Hands-Free Speakerphone to check whether dial tone is present for one of the audio modes.
- If the dial tone exists on another audio mode, connect a different handset or headset to isolate the problem.

Where to set the tone?

You can set the tone on Web interface:

- Click SettingTones
- Define the dial tone, ringing, busy tone...
- For the tones, you can check with your system administrator.

The screenshot shows the Axtel web interface for configuring tones. The top navigation bar includes 'Home', 'Profile', 'Account', 'Network', 'Function Keys', 'Setting', 'Directory', and 'Management'. The 'Setting' tab is active. On the left, a sidebar menu has 'Tones' selected. The main content area contains the following fields:

Select Country	Custom
Dial Tone	f1=350@-13,f2=440@-13,c=0/0;
Ringback Tone	f1=440@-19,f2=480@-19,c=2000/4000;
Busy Tone	f1=480@-24,f2=620@-24,c=500/500;
Reorder Tone	f1=480@-24,f2=620@-24,c=250/250;
Confirmation Tone	f1=350@-11,f2=440@-11,c=100/100-100/100-100/100;
Call Waiting Tone	f1=440@-13,c=300/10000-300/10000-0/0;

Syntax: f1=freq@vol, f2=freq@vol, c=on1/off1-on2/off2-on3/off3; [...]
Note: freq: 0 - 4000Hz; vol: -30 - 0dBm

Buttons: SaveSet, Cancel

NOTE
Select Country:
Select your country to generate the standard call tones. Or select Custom to customize the call tones.

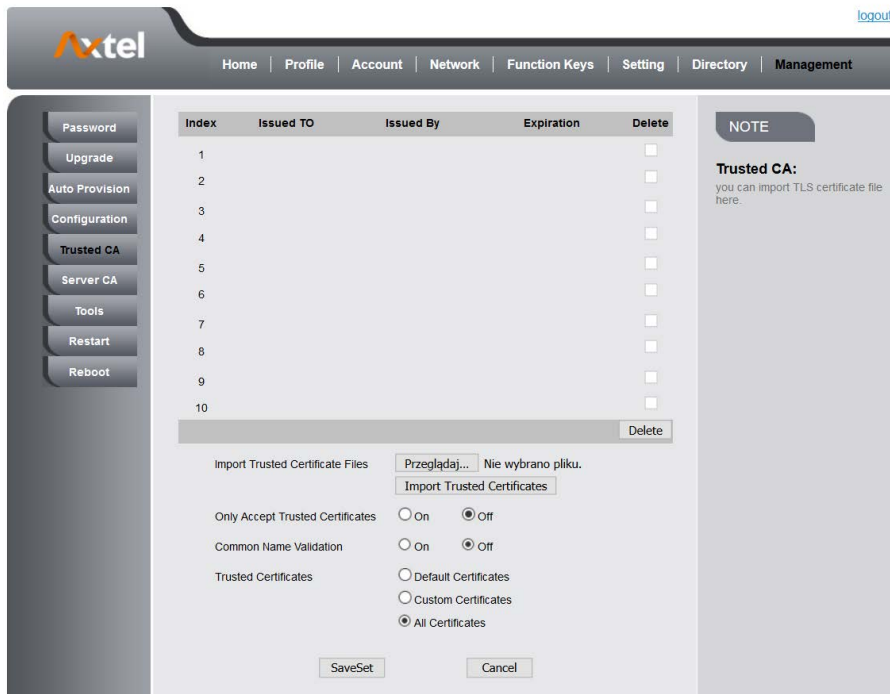
How to download XML Configuration?

- Click ManagementConfiguration

Download Xml File

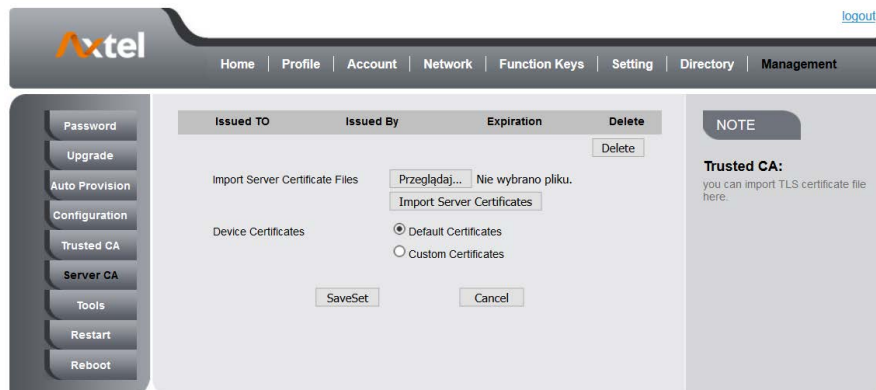
How to Import Trusted CA certificate?

- Click ManagementTrusted CA



How to Import Server CA certificate?

- Click ManagementServer CA



How to use Vlan?

- For Vlan information, please click [VLAN](#)

How to use LLDP?

- For LLDP information, please click [VLAN](#)
- VLAN Notes including:
 1. Voice VLAN
 2. Major Benefits of Using VLANs
 3. VLAN discovery method on Axtel ip phones
 4. LLDP Feature on Axtel IP Phones
 5. Supported TLVS of IP Phones
 6. Configuring LLDP Feature
 7. DHCP VLAN
 8. Open the DHCP VLAN on the Axtel IP Phones
 9. VLAN under Bridge Mode
 10. VLAN underNAT Mode