



WIFI SIP PHONE

User manual Version: 1.2

M/N:FX28,SS28,SS58

FCC ID: Q5S-SS28

CE 0678

Thank you for your purchase of WIFI SIP PHONE
Product Name / WIFI SIP PHONE

Notice regards WLAN electromagnetic waves

Users with artificial heart pacemaker implants should not make use of this device. This device emits radio waves, which could interfere with the correct functionality of such medial devices, and be potentially harmful to their users.

Do not use this device near any medical equipment.

Do not use this device a near microwave ovens. Electromagnetic waves generated by appliances such as microwave ovens could interfere with functionality of this device.

Notice regarding 2.4GHZ WLAN Electromagnetic ware interference

The bandwidth of this device is identical to the bandwidth for RFID readers using in factory production line (wireless transmission station permit required), low-power wireless transmission stations (wireless transmission station permit required).

Before using this device, please ensure that there are no RFID, specific low-power wireless transmission stations, or amateur wireless transmission stations nearby. If this device is interfering with RFID readers, please change bandwidth or stop use immediately, and contact your sales representative.

The names of other products and brand names mentioned herein may be trade names, service marks, or trademarks that belong to their respective registered owners.

Operation Safety Guide

Safety-related precautions

The following are some safety-related precautions. Please read carefully.

- Please follow the instructions and procedures in this document to perform the operations properly.
- Please be sure to follow this product's and this manual's precaution items. Omitting these items can cause bodily harm or damage to the device.
- Do not operate the device in methods not stated in this manual.
- For questions regarding this product or this manual, please inquire the place of purchase or the sales clerk.
- This manual contains precaution items that may need further review. It does not guarantee it contains all the situations that might occur.
- It is recommended to not only follow the instructions contained in this document, but to handle the product carefully at all times.
- The safety related precaution items are listed below. They include “Warnings” “Cautions” and “Notes”.

This precaution signal is utilized in titles and safety related situations, to enhance attention

- Indicates that if not handle carefully, can lead to an imminently hazardous situation, which might result in death or serious injury. ***Danger!!***
- Indicates a potentially hazardous situation, which if not avoided, could result in death or serious injury. ***Warning!!***
- Indicates a potentially hazardous situation, which if not avoided, may result in minor or moderate injury. ***Caution!!***

Notice Provides important information unrelated to security.

Operation Safety Guide

Safety related general precaution items:

Danger 【General】

Always use the original AC adapter or charger unit that comes with your phone *Danger!!*

Always use the AC adapter or charger unit delivered with your phone. Liquid leakage, fire, excessive heat, rupture, or damage to the phone could occur as a result of the use of an unauthorized and incompatible AC adapter.

Danger 【Battery Pack】

Do not dispose battery in a fire

Do not dispose the battery in a fire for it may explode. Always immediately remove your phone away from the vicinity of any open flame to prevent battery liquid leakage, generation of excessive heat, rupture, or phone damage.

Never attempt to disassemble or make any modification to the battery *Danger!!*

Do not dispose the battery in a fire for it may explode. Always immediately remove your phone away from the vicinity of any open flame to prevent battery liquid leakage, generation of excessive heat, rupture, or phone damage.

Keep away from metallic objects *Danger!!*

Never attempt to disassemble, repair, or make any modification to the battery.

Disassembly, modification or any attempt at repair could cause battery liquid leakage, ignition, generation of excessive heat, or rupture, leading to bodily injury or damage to the phone itself.

Do not force the battery into the battery compartment *Danger!!*

Please ensure the proper direction of the battery before installing it.

Do not force the battery into the battery compartment as it may result in battery liquid leakage, ignition, excessive heat, rupture, or damage to the phone.

Do not rub eyes if battery liquid comes in contact with eyes *Danger!!*

Never touch any fluid that might leak from the battery. Should the liquid come into contact with the eyes, irrigate the eyes thoroughly with clean water, and immediately seek medical attention. The battery liquid could cause sight loss.

Never stick metallic objects into your phone, and never hit it with a hammer *Danger!!*

Never stick metallic objects such as nails into your phone, and never hit it with a hammer. These actions could cause battery liquid leakage, generation of excess heat or fire, rupture, and even lead to device malfunction.

Operation Safety Guide

Warning 【General】

Never place the phone in heating devices such as a microwave oven or inside any high-pressure container. *Warning!!*

Do not place the battery, phone, charger (AC adapter and charging cradle unit) in heating devices, such as a microwave oven, or inside high-pressure containers, for it may result in battery liquid leakage, ignition, excessive heat, smoke, rupture, as well as damage to the phone.

Prevent severe shock *Warning!!*

Never subject the phone to severe shock for it may cause battery liquid leakage, excessive heat or fire, rupture, as well as damage to the phone.

Keep away from high-risk fire areas *Warning!!*

Never use the phone in high-risk fire areas such as gas stations, refueling points, or areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Using the phone in such areas could cause an explosion.

Do not place in unstable location *Warning!!*

Do not place phone on slanting or unstable tables, and other unstable spots for this product may fall, causing serious damage to the device.

Keep away from high humidity *Warning!!*

In case the phone is immersed in water, power off the phone immediately. Continued use of the phone under this condition could cause fire or exposure to electric shock.

Do not expose to high temperature *Warning!!*

Do not expose to high temperature heat sources such as stoves or ovens, for they might generate excessive heat or fire and cause damage to the phone.

Never attempt to perform modifications to the phone *Warning!!*

Never attempt to make any modifications to the phone. Disassembly or modification could cause ignition, electric shock, as well as damage to the phone itself.

Never attempt to disassemble the phone cover or AC adapter cover *Warning!!*

Never attempt to disassemble the phone cover or the AC Adapter cover. Disassembly or modification could cause ignition, electric shock, as well as damage to the phone itself.

Warning 【Mobile phone】

Power off phone in prohibited areas *Warning!!*

When on planes, in hospitals or other areas where mobile phones are restricted, please power off the phone for safety reasons. The phone might interfere with electronic or medical equipment. Please follow the regulations in medical institutions for proper use of the phone. Switch phone off before boarding an aircraft. Use could lead to legal action against the user.

Power off when near high-precision equipment or electronics that can receive/send

Weak signals *Warning!!*

Mobile phone signals could interfere with the following devices: hearing aids, artificial heart pacemakers, and other small devices implanted in the human body. They may also cause other medical equipment, fire alarm systems, automatic doors, automatic control systems, and so on, to send out incorrect signals and commands.

Be aware of the vibration alert and the ring volume *Warning!!*

Weak heart patients should be aware of the vibration alert and the ring volume for it might affect the operation of the heart.

Do not touch the phone when lightning occurs *Warning!!*

Please power off and shift to a safe location to reduce risk of electric shock.

Operation Safety Guide

Do not insert other objects into phone *Warning!!*

Do not insert metallic or inflammable objects into the phone for it might cause ignition or electric shock. If an object is accidentally inserted your phone, please power off immediately and consult the place of purchase or sales clerk.

Do not place objects on top of phone *Warning!!*

Do not place objects such as vases, pots, glasses, medicine bottles, or containers on top of the phone. These objects might either cause rupture to the phone, or leak liquids that might penetrate the phone and lead to fire or electric shock. Placing the phone on an unbalanced table, causing the phone to drop, will also damage to the phone.

Warning 【Battery】

Stop use when battery liquid comes in contact with clothes or skin *Warning!!*

In the case of contact of skin or clothes with battery leaked liquids, remove contaminated clothes and wash off with clean water immediately for it might be harmful for the skin.

Do not over charge the battery *Warning!!*

If the battery has already been charged for a long time, please discontinue the charging process. Charging the battery for a prolonged time might cause battery fluid leakage, leading to fire, excessive heat, or rupture.

Discontinue the use of the phone if any unusual conditions occur *Warning!!*

If battery is leaking fluid, emitting gas, producing a peculiar smell, or making strange sounds, discontinue use immediately for this may cause ignition or electric shock. Please remove the battery immediately for safety reasons.

Warning 【AC Adapter (Charging Cradle)】

Do not use accessories from other manufacturers *Warning!!*

Using accessories that are not compatible could cause ignition, electric shock or damage to the phone.

Do not use AC adapters from other manufacturers *Warning!!*

Do not use AC adapters other than the one included with your phone for they could cause ignition, electric shock or damage to the phone.

Do not insert plug into an outlet with voltage other than AC100V *Warning!!*

Do not insert plug into an outlet with voltage other than AC100V for it could cause ignition, electric shock or damage to the phone.

Do not unplug adapter during the charging process *Warning!!*

Do not unplug AC adapter, or use your finger or any body part to touch the AC adapter while the battery is being charged for it might lead to fire, electric shock or damage to the phone.

Do not use the phone in a damp environment *Warning!!*

Exposing the AC adapter and base charger unit to a damp environment and charging a battery that has been immersed in water could lead to electric shock.

Operation Safety Guide

Do not touch the plug or electrical cord with damp hands *Warning!!*

Do not touch the plug or electrical cord with damp hands to prevent electric shock.

Always maintain the charger in a clean status *Warning!!*

Please ensure there is no dust on the power cord before plugging it to the outlet to prevent electric shock.

Please place the phone on a stable location while charging *Warning!!*

Please place the phone on a stable location and never cover the adapter or charger with cloth or other material for it might cause ignition or electric shock.

Please hold the plug when pulling out of outlet *Warning!!*

Please hold the plug when pulling out of outlet because pulling on the power cord excessively might lead to damage, electric shock, fire, or damage to the phone.

Do not damage the power cord *Warning!!*

Do not damage, tug, or make modifications to the power cord. Do not bend the power cord to prevent damage. Do not expose the power cord to heat and never place heavy equipment onto the power cord. Pulling the power cord excessively might also lead to ignition or electric shock.

Please ensure the AC adapter is plugged in correctly *Warning!!*

Please ensure the plug is inserted correctly to the outlet. Do not plug adapter into a tottering outlet. Both these conditions could cause fire or electric shock.

Operation Safety Guide

Caution 【General】

Do not expose the phone in unfavorable environment conditions *Caution!!*

Do not expose the phone near gas leakage. Keep the phone in a clean, dust-free environment. Avoid exposure to smoke, erosive gases. Avoid placing the phone in locations subject to severe vibration. Do not expose phone directly to sunlight.

Keep away from heat sources such as stoves, or other products that produce heat.

Do not expose the phone to fire or high temperature for this could shorten the lifetime of the phone.

Keep away from reach of children *Caution!!*

Keep away from reach of children. The phone may cause injuries, or may contain small parts that could be accidentally swallowed.

Do not combine or integrate with other equipment or hardware *Caution!!*

Do not combine or integrate with other equipment or hardware for it might cause fire or damage to the phone.

No not expose the phone to high pressure *Caution!!*

Never leave the phone in your back pocket when you sit. Do not place the phone at the very bottom of your bag to reduce risk of being crushed by another object.

Keep phone away from contact with other metallic objects, Heavy weight could cause phone damage.

Caution 【Mobile Phone】

Do not use phone in a vehicle *Caution!!*

Do not use this phone in a vehicle for your own driving safety. Due to the difference of Vehicle models, the phone might interfere with the electronic equipment in the vehicle.

Keep away from magnetic cards *Caution!!*

Keep phone away from credit cards, ATM cards and other magnetic objects for the data inside the cards could be accidentally erased.

Please make additional backups of data in phone *Caution!!*

Please save the Phone Book and other information in the phone separately.

The manufacturer will not be responsible for lost data or the consequence of theft.

Please do not place the phone into a pocket during a call *Caution!!*

Please do not be concerned should your phone heat up during a call. This is not a malfunction. Do not place the phone inside pocket during a call. This action could generate excessive heat that can damage the phone.

Operation Safety Guide

Caution 【Battery】**Discarding the battery *Caution!!***

Do not dispose battery as trash for it could cause fire or environmental contamination.

Please return the obsolete battery to the place of purchase or to the nearest recycling facility.

Caution 【AC Adapter (Charging Cradle Unit)】**Do not place heavy equipment onto the AC adapter *Caution!!***

Do not place heavy equipment onto AC adapter for it might lead to fire or damage.

Please pull out plug when not in use *Caution!!*

For your safety, unplug the battery charger from wall outlet if it will not be used for a long time in summer; otherwise it may cause fire.

Pull out plug when in movement *Caution!!*

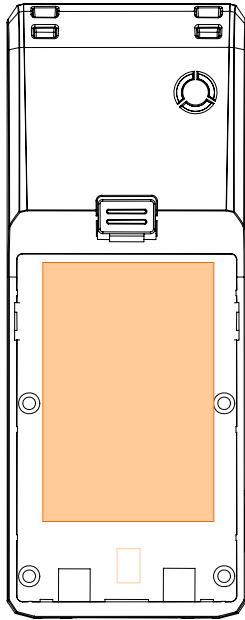
When in movement, please ensure the plug has been pulled out of the outlet.



Operation Safety Guide

The warning labels are adhered the phone and the AC adapter in the parts shown in the figure below:

(1) Phone

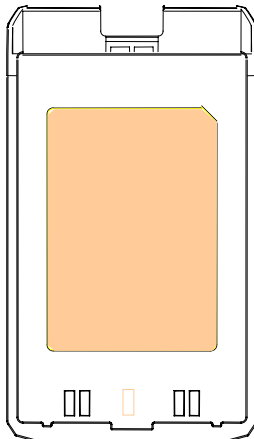


(a) Back View

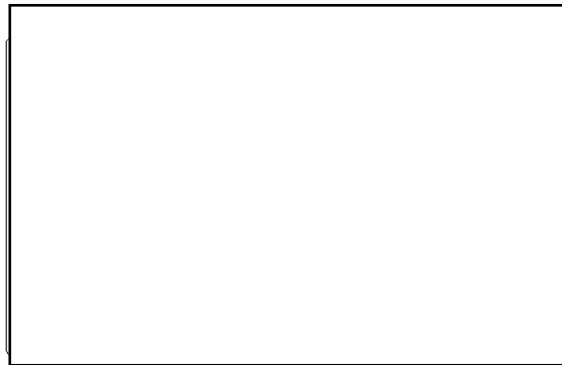


(b) Warning Label

(2) Battery (Battery Cover)



(a) Bottom of Battery Cover

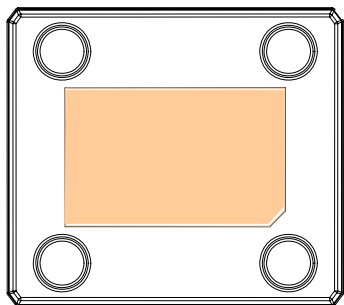


(b) Warning Label

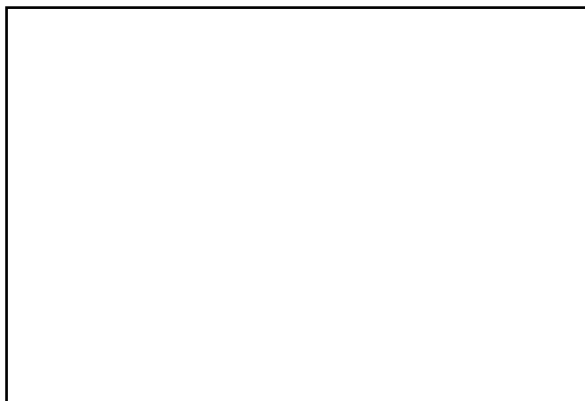


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(3) Battery Charging Cradle Unit

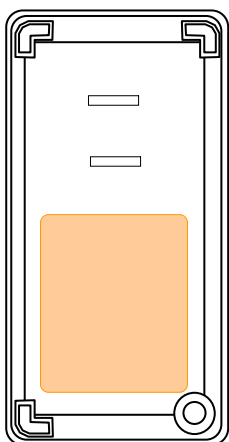


(a) Bottom of Charger Unit

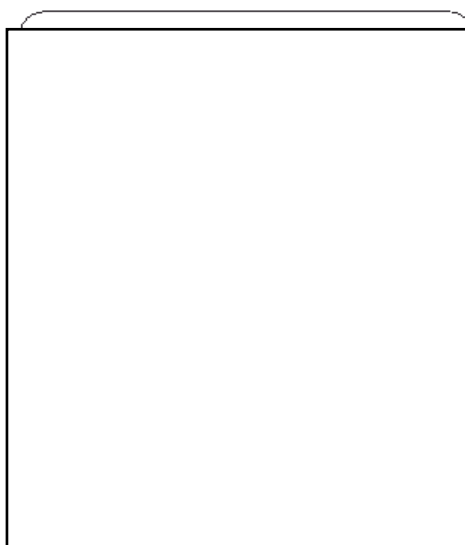


(b) Warning Label

(4) AC adapter



(a) Bottom of AC adapter



(b) Warning Label

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1 Important Safety Precautions

1 Important Safety Precautions

1.1 Warning/Caution

This manual is for use with the SS28 only.

- The manufacturer disclaims any liability for damage resulting as a consequence of improper use, or damage due to external causes, such as power outage, or unfavorable environmental conditions. Please handle your phone with care.
- The repair and maintenance of this product must be handled by a qualified professional service technician. Please be noted that by not being done by a qualified technician might violate the law or result in an accident.
- This product generates, uses, and can radiate radio frequency energy might cause interference to radio or television signals when near these devices. The user is encouraged to increase the distance between the phone and the other devices.
- This product a phone that can make/receive calls, and is equipped with SIP functions. Please contact the place of purchase for information on SIP providers.
- Please read all instructions and safety precautions described in this document before operating the product/appliance. Please follow the instructions carefully and ensure you are aware of correct handling procedures.
- It is recommended that this manual is kept at a proper location for quick reference. If misplaced or damaged, please request a new one from the place of purchase (dealer).
- The contents in this manual are subject to change without notification.
- When using the phone for the first time, please follow the following steps to recharge the phone and adjust the clock settings:

【1.6 Inserting the battery pack】

【1.7 Battery Charging】

【2.3 Power On/Off】

【2.4 Clock Settings】

Regarding some advice in this manual

- (1) This label indicates minor injuries or potential serious harm could be caused when the phone is not operated correctly.



- (2) This label indicates caution items or restrictions regarding the use of this product.



- (3) This label is used for items the user should pay attention to when using or setting this product.



1 Important Safety Precautions

1.2 Applicable machine type

Product Name	Type Model	Title of this manual	Technical Standard Identification Number
WIFI SIP Phone	SS28	WIFI SIP Phone	

1.3 Confirm objects contained in package

Please ensure the package contains the following items:

Please contact the place of purchase if any items are missing.

Contents	WIFI SIP Phone
Handset (Phone)	1
Safety precaution booklet	1
Battery pack	1
AC Power Adapter	1
Battery Charger	1

1 Important Safety Precautions

Chart 1.4.1 Functions Discription

No.	Name	Description
①	LED	Flashing LED Incoming call alert
②	Navigator	This key is used to scroll up and down through menu lists Can be used also in :  Phone book  Received calls  Dialed Calls
③	Left softkey	Function operating key This key is used to perform the function indicated on the screen above it
④	Talk key	Terminate Call/ Answer Call
⑤	Earphone jack	Connect to earphone (Option)
⑥	Microphone	Talk on phone
⑦	USB interface	Connect to power adapter to charge battery
⑧	Earpiece	Listen
⑨	LCD display	Display screen
⑩	Right softkey	Function operating key This key is used to perform the function indicated on the screen above it
⑪	Power	Power on/Power off Press and hold for 3 seconds to switch off phone Can be used also to : • Delete entered text • Return to Main Menu • Display User settings • Terminate call
⑫	OK	Confirm an action Confirm entered phone numbers or text (The words "OK" will be displayed at the bottom of the Display screen)
⑬	Keypad	Enter phone numbers, and text
⑭	Keypad Lock	Disable/Enable enter phone unmbers
⑮	Tone Lock	Disable/Enable ring tone and keypad tone

1 Important Safety Precautions

1.4.2 Back View

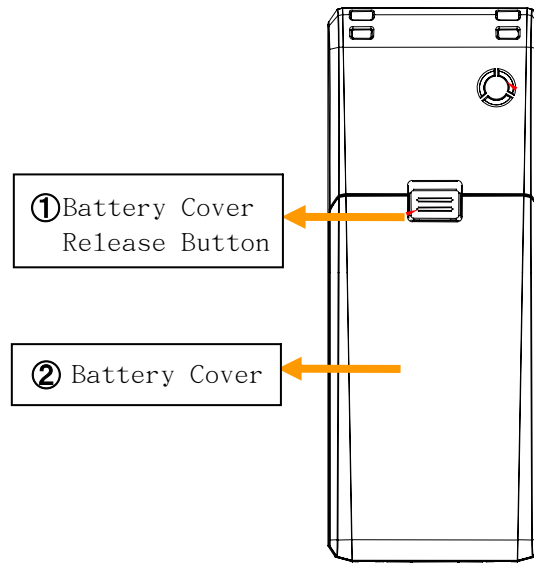


Figure 1.4.2 Back View

Table 1.4.2 Phone Back component names

No.	Name	Description
①	Battery Cover Snap	To install and remove battery
②	Battery Cover	Battery Cover This is delivered separately from the phone. Please read section 1.6.1. Inserting the battery to install the battery onto the phone.

1.4.3 Chargeing Cradle unit appearance

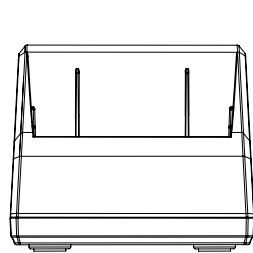


Figure1.4.3 Front view

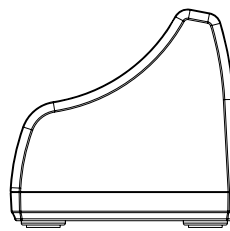


Figure1.4.4 Side view

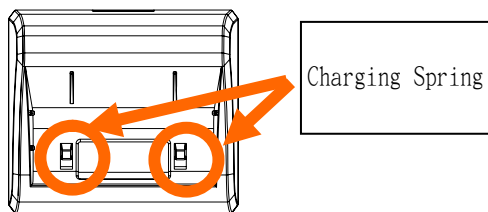


Figure1.4.5 Upper view

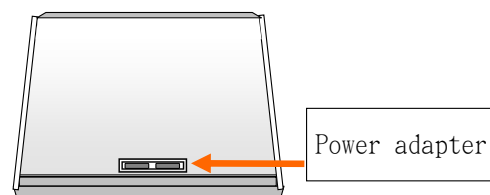


Figure1.4.6 Back view

1 Important Safety Precautions

1.4 External Appearance

1.4.1 Front View

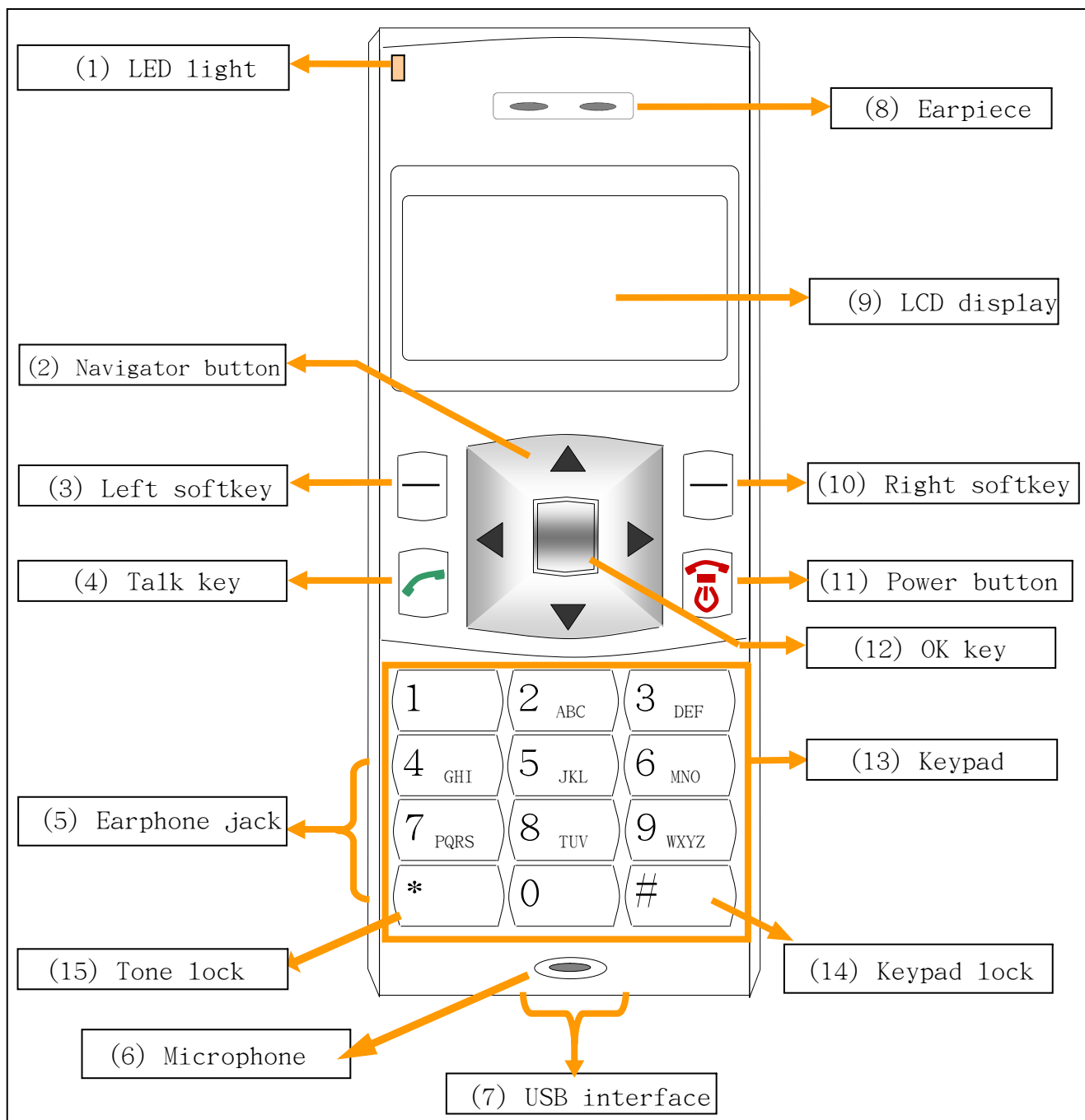


Figure 1.4.1 Front View

1 Important Safety Precautions

1.5 Mobile Phone Specification

Table 1.5.1 Mobile Phone Specification

Item		Specification
External Interface		USB 1.1 (Battery Charging)
		2.5 mm Earphone jack (not yet supported)
WLAN (WLAN Interface)		
	Transmission Technology	Supports CSMA/CA Wireless IEEE 802.11b 11, 5.5, 2, 1 (Mbit/s), auto-fallback
	Range	30 meters indoors
	Wave length	2.4GHz ~ 2.497GHz
	Modulation	DSSS CCK (11Mbit/s, 5.5Mbit/s) DQPSK (2Mbit/s) DBPSK (1Mbit/s)
	Channel	US (1~11Ch), Europe (1~13Ch), Japan (1~14Ch)
	Output	Output power : 20mW ~ 100mW
	Network infrastructure	Wireless Transmission mode
Display		
	LCD	1.4 inch STN LCD with Backlight
	LED	Keypad Backlight function / Dial success notification
Keypad		21 keys in total 4 multi-function keys 4 quick access keys 1 OK key 12 Input keys (Numbers, English characters, Japanese characters)
Standby time		Approx. 50 hours
Talk time		Approx. 3.5 hours
Power supply	Adaptor	100~240VAC
	Phone	DC 5.5V
Power consumption (VA)		10 (via adaptor)
Battery Charging time		6 hours (Power off)
Size L X W X H		Approx. 42x19x108
Weight		80g (with battery installed)
Environmental Conditions	Temperature	5 ~ 40 °C
	Humidity	20 ~ 80% RH (Non-dew condition)

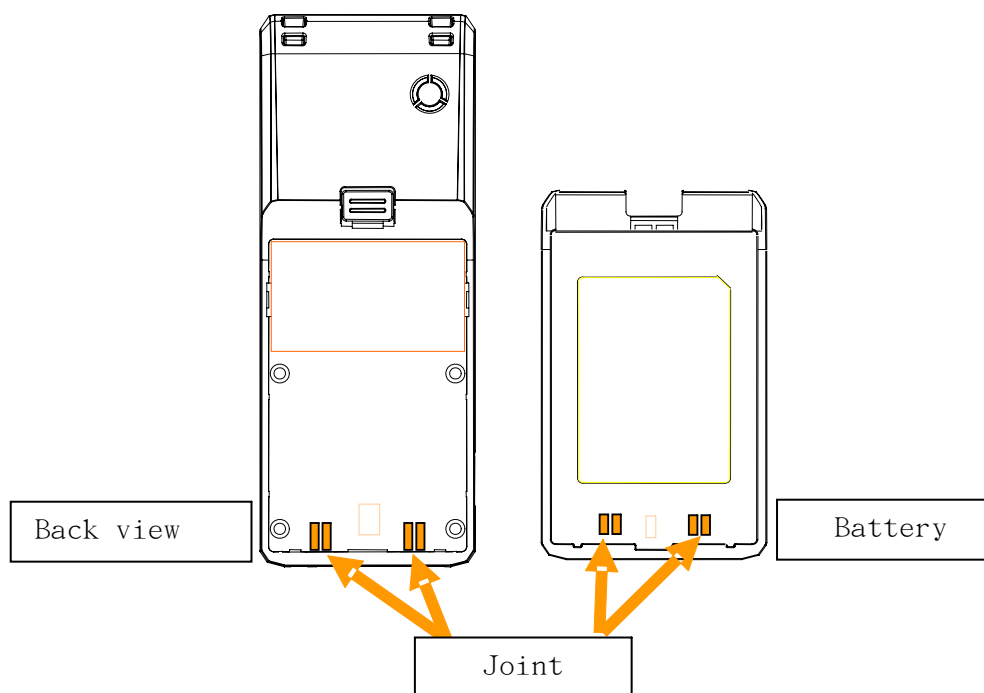
1 Important Safety Precautions

1.6 Inserting the battery pack

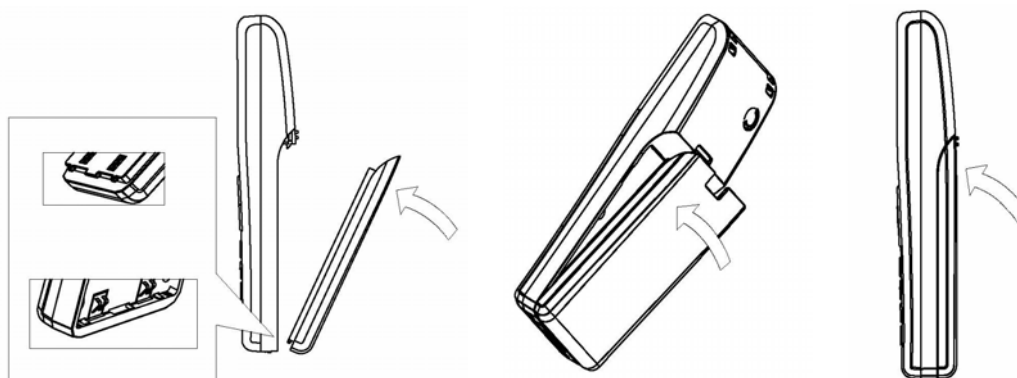
Please switch the phone off before inserting or removing the battery.

1.6.1 Installing the battery

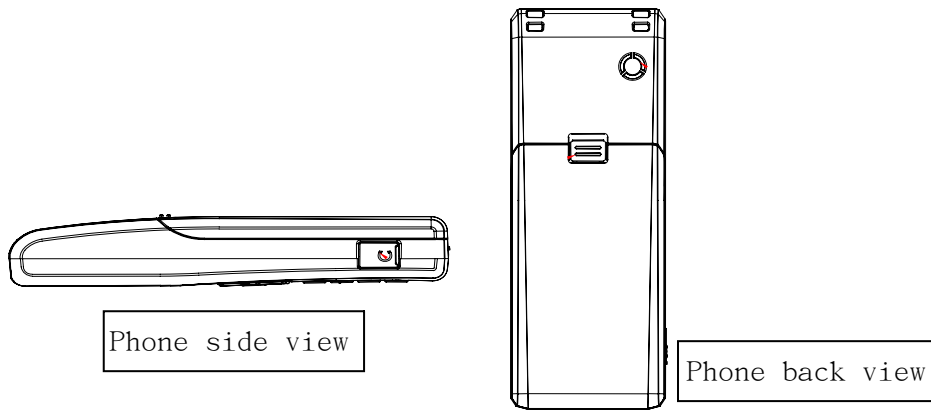
Turn to the back of the phone to the battery compartment. °



Align the battery to the battery compartment of the phone and press battery down until it clicks into place.
(Do not force battery into battery compartment)

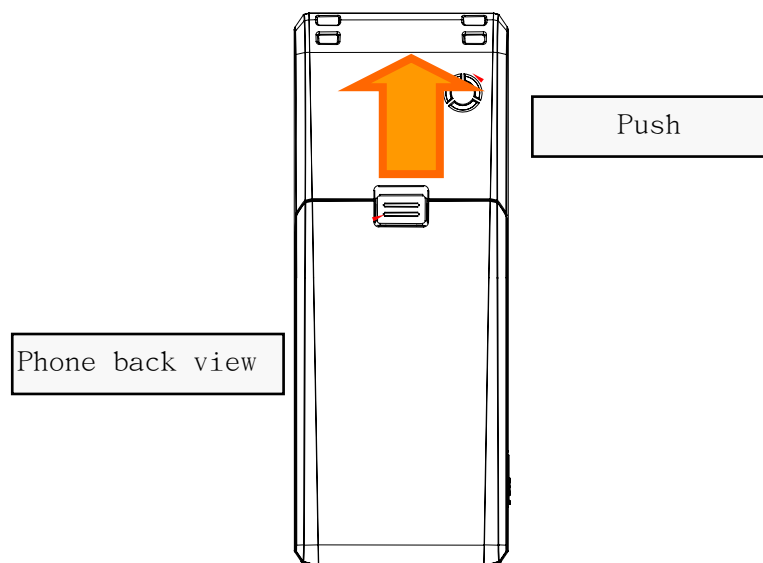


1 Important Safety Precautions



1.6.2 Replace The Battery

Since battery power is easily consumed, if you find the battery power diminishes quickly after full charging, Please replace your battery. After replacing the battery, you will need to reset the date and time.



1. In standby mode, switch the phone off by pressing and holding.
(Otherwise, some user settings will be lost.)
2. Remove the battery cover.
With the back of the phone facing you, press the battery cover release button and lift the cover off in the direction of the arrow.



Attention: Do not discard battery as ordinary trash for it could cause fire, or environmental contamination. Please return the battery to the place of purchase, and follow local regulations for disposal and recycling of batteries.

1 Important Safety Precautions

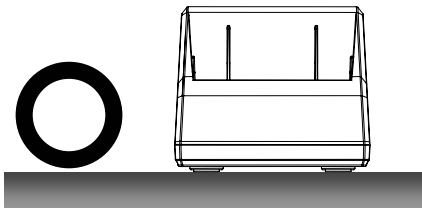
1.7 Charge the battery



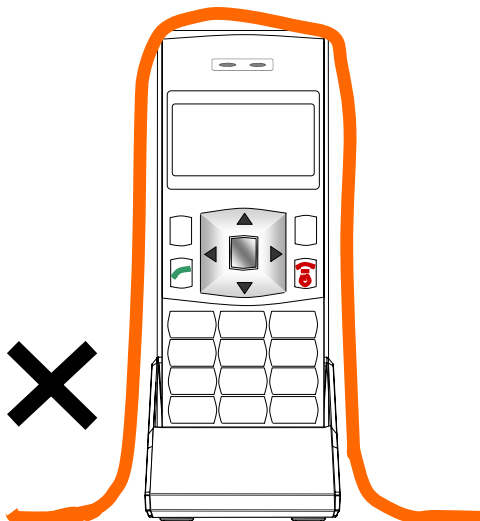
Though the battery can be charged when the phone is switched on, the time it takes to fully charge the battery takes longer than charging with the phone switched off. Charging the battery with the phone switched on might also reduce the battery lifetime.

When the battery power is low and needs recharging, the battery indicator will flash continuously, and the phone will sound a low battery alarm (if the alert tone is set to On), reminding you that the battery is running low and the phone will be switched off automatically. To charge the battery, follow the steps below:

1.7.1 Charging Cradle Unit safety notice



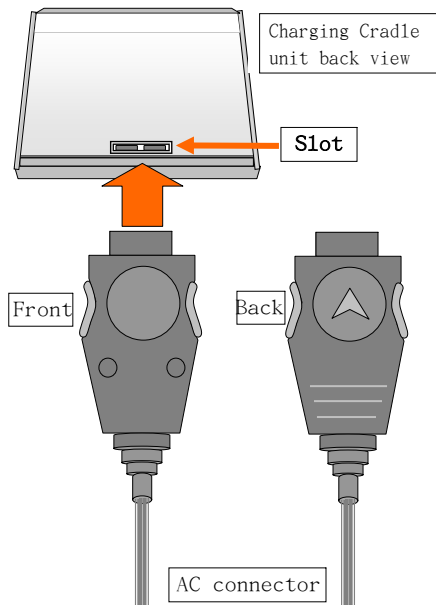
Please put the base in the place of the level.



If the battery is charged on the charger unit directly or inside a phone placed on a charger unit, do not cover with cloth for it will cause phone temperature to rise and damage the phone.

1 Important Safety Precautions

1.7.2 Connecting the adapter to the Charging Cradle Unit



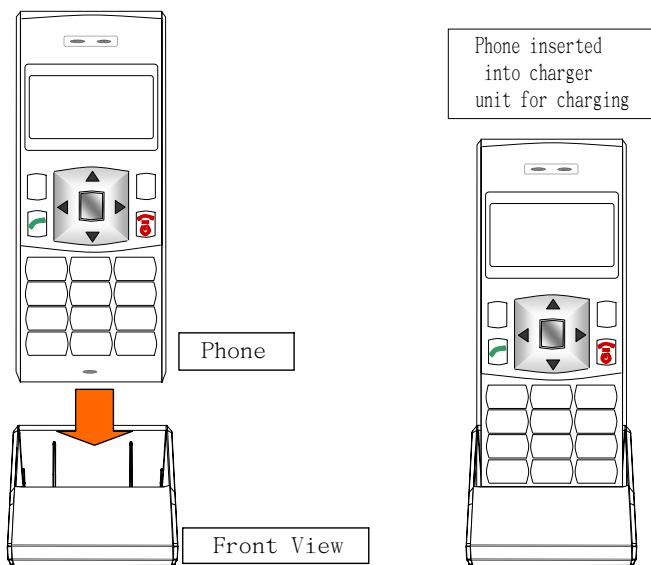
Please insert connector into slot at the back of the charger unit. Insert the connector face up into the USB interface following the figure on the left.

(If inserted face down, the adapter will not be inserted properly).

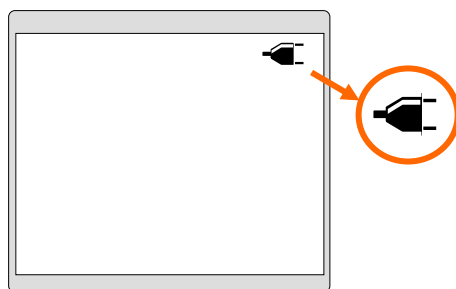
After inserting the adapter to the phone, please plug the adapter to a 100V ~ 220V outlet.

1.7.3 Placing the phone on the Charging Cradle Unit

Follow the instructions in section 1.6.1. Inserting the battery to into phone first. Insert the phone into the Charging Cradle unit.



Insert the phone (with battery installed) to the Charging Cradle unit.



The icon on the left will be displayed on the LCD, which indicates the battery is charging.

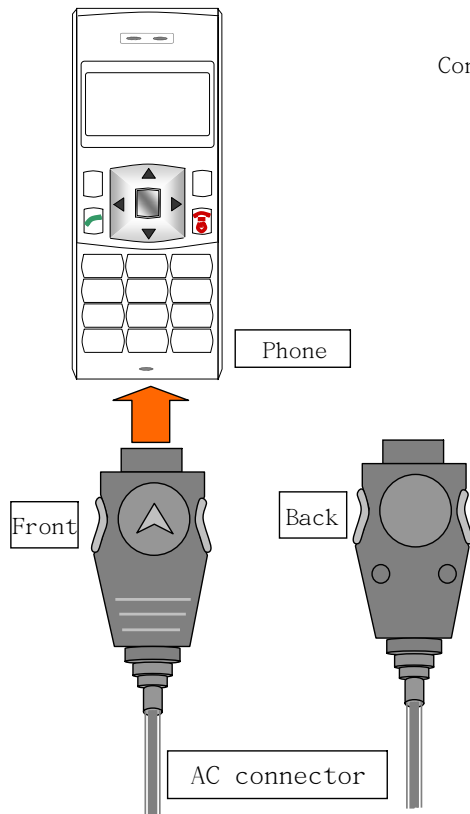
The icon blinking indicates that the battery is charging. When the icon stops blinking, it means that the battery is fully charged.

If the phone is powered on during charging, and there is an incoming call, please remove the phone from the charger to accept the call.

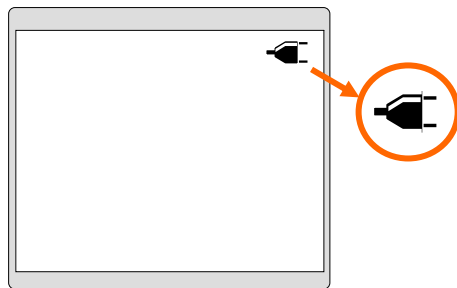
Standard charge time: 6 hours.
(Charging with the phone switched off)

1 Important Safety Precautions

1.7.4 Connecting the adapter to the phone



Connect the charger to an AC wall outlet (100~240VAC).



The icon on the left will be displayed on the LCD, which indicates the battery is charging.

The icon blinking indicates that the battery is charging. When the icon stops blinking, it means that the battery is fully charged.

If the phone is powered on during charging, and there is an incoming call, please remove the phone from the charger to accept the call.

Standard charge time: 6 hours.
(Charging with the phone switched off)

1 Important Safety Precautions

1.8 WLAN Safety Notice / Precautions

The signal strength on the WiFi network and the parameters set by the network operator will greatly affect the talk and standby times of the phone, as well as the range and quality of the phone call. Please read the following precaution items carefully:

(1) Communication Range

When using a WiFi phone, the phone settings will affect the communication range and quality. Suggest to keep with in 30 meters .

(2) Electromagnetic interference (EMI) from a 2.4GHz wireless network

The bandwidth of this device is identical to the bandwidth for RFID readers using in factory production line (needs licensed wireless transmission station), low-power wireless transmission stations (needs non-licensed wireless transmission station), and amateur wireless transmission stations (needs licensed wireless transmission station).

1. Before using this phone, please ensure there are not RFID readers, specific low-power wireless transmission stations, or amateur wireless transmission stations nearby.
2. If this device is interfering with RFID readers, and you are forced to change bandwidth or stop use, please contact the dealer.

Table 1.8.1 Phone WLAN Settings

No.	Item	Description
1	Bandwidth	2.4GHz Wireless Device
2	Modulation	DSSS mode
3	Default Interference distance	Under 40m
4	Change bandwidth	Uses full bandwidth. Avoid RFID readers and low-power wireless transmission station bandwidths.

The content on the above table are displayed on the Warning label at the back of the phone

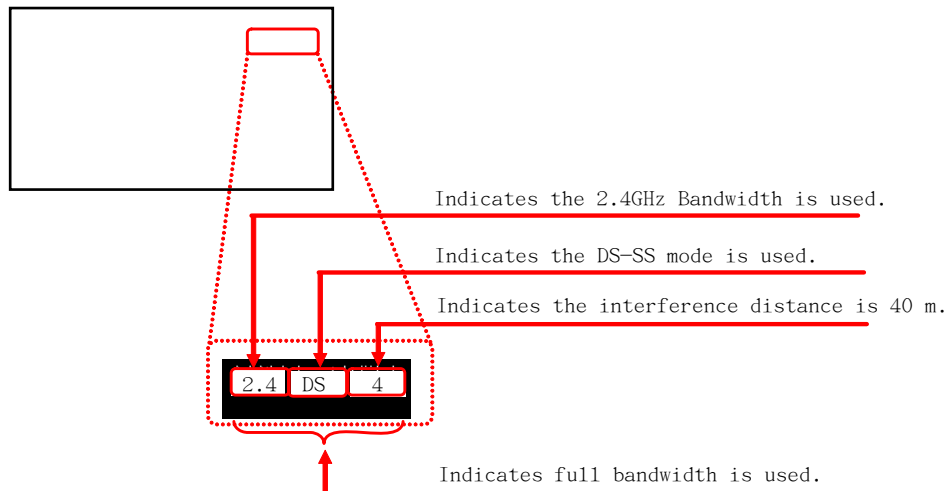


Figure 1.8.1 Label notation

2 Phone Operation

2 Phone Operation

2.1 Icons displayed on the LCD

The functions displayed on the LCD screen, are as follows:

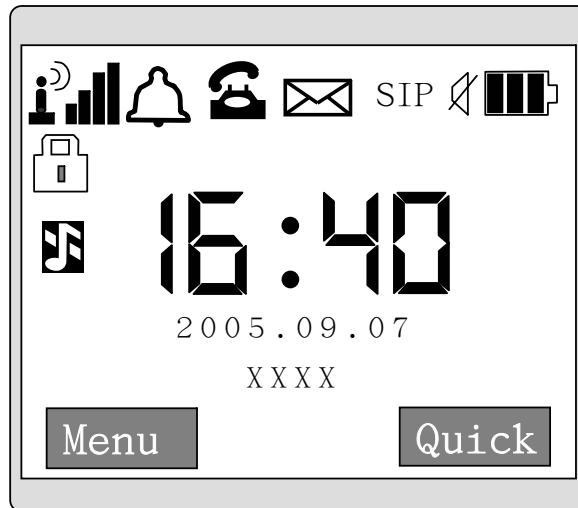


Figure 2.1 Icons displayed on the LCD

Table 2.1.1 Types of Icons

Icon	Description	Icon	Description
	Indicate signal strength (No AP detected)	SIP	Registered to the SIP
	Indicate signal strength (Low)		Not connected to earphone
	Indicate signal strength (Medium)		Indicate battery strength (Empty)
	Indicate signal strength (Perfect)		Indicate battery strength (Low)
	Indicates the alarm has been activated		Indicate battery strength (Medium)
	Indicates you have a missed call		Indicate battery strength (Full)
	Received new message		Indicates battery-charging status. Blinks when battery is charging.
	Keypad lock	XXXX	Phone number which belongs to this phone (Internal number)
	Tone ring lock		

2 Phone Operation

2.2 Main Menu functions

By selecting "menu" (pressing the left Softkey) on the Standby screen shown on Figure 2.1.1 Icons on the LCD display (Standby screen), 6 Function options will be displayed on the screen.

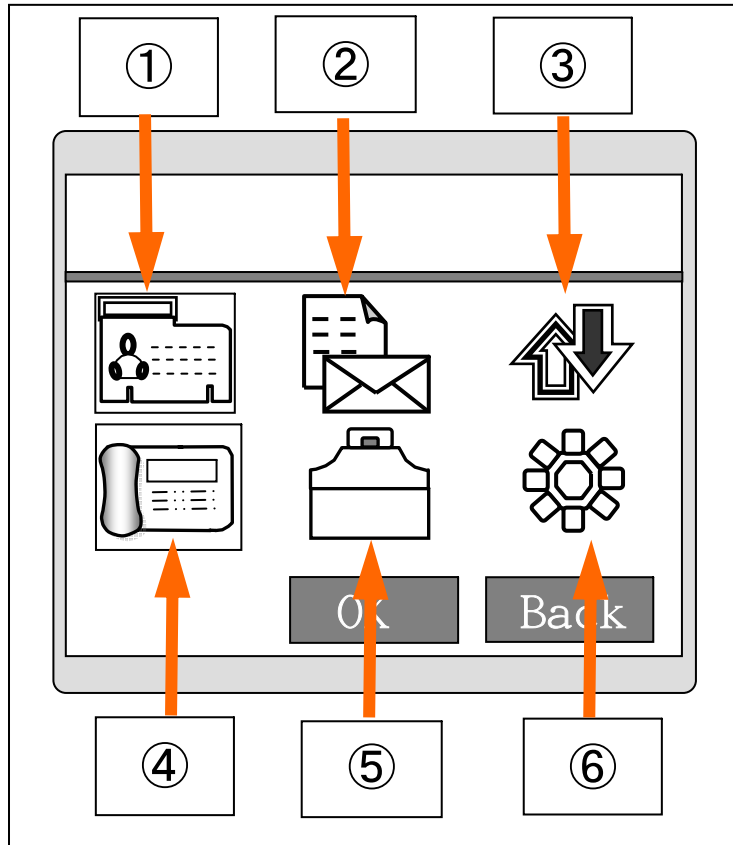


Figure 2.2.1 Selecting a function

Table 2.2.1 Description of Main Menu Functions

No.	Name	Operation	Details
①	Phone book	User personal Phone Book use and setting	Refer to section 2.2.1.1
②	Messages	Edit new messages, Send messages, View new received messages and so on	Refer to section 2.2.1.2
③	Call history	Redial Calls, Received Calls, Missed Calls	Refer to section 2.2.1.3
④	SIP Settings	SIP function settings	Refer to section 2.2.1.4
⑤	Phone Settings	IP address, WLAN and other network configurations Ring tone settings Clock settings	Refer to section 2.2.1.5
⑥	Applications	Alarm settings	Refer to section 2.2.1.6

To view the details of each option in the main menu, please refer the following steps to enter a specific function menu.

To view the functions provided by the "Quick" option (pressing right Softkey) in the Standby screen (shown on Figure 2.1.1 Icons on the LCD display (Standby screen), please refer to 2.2.1.7 Selecting "Quick" option from Standby Screen.

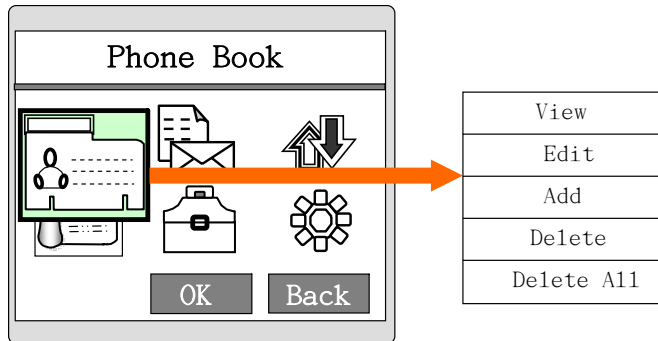
2 Phone Operation

2.2.1 Options in each main function

Clicking the main function icons in the main menu will display more detailed options.

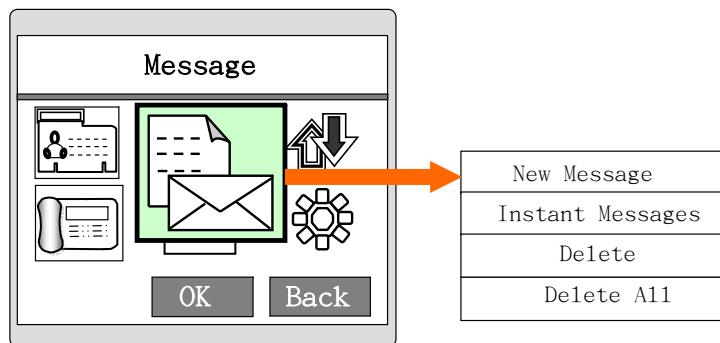
2.2.1.1 Phone Book Menu

For more details, please refer to Section 3.2 Phone Book Settings



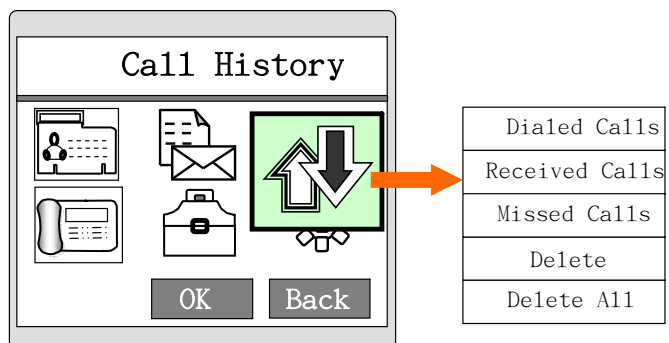
2.2.1.2 Message Menu

For more details, please refer to Section 3.3 Message Settings.



2.2.1.3 Call History Menu

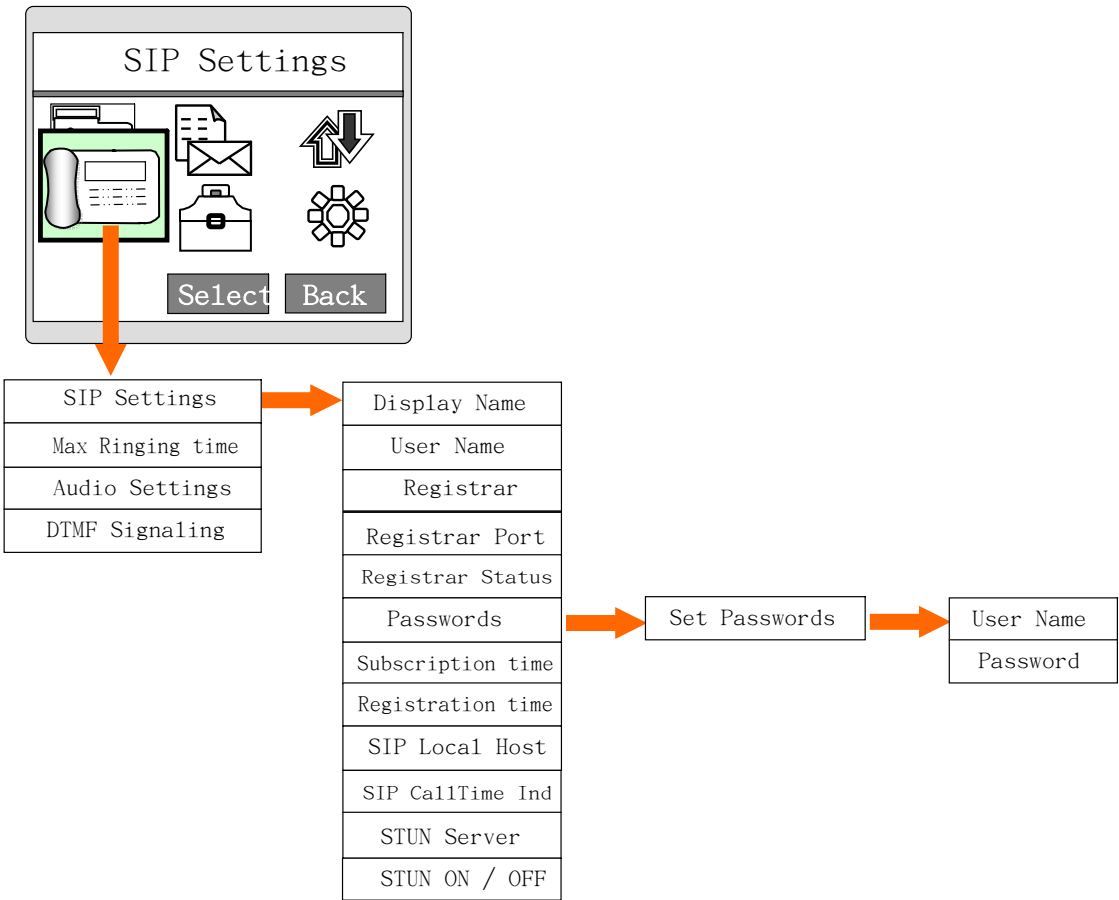
For more details, please refer to Section 3.4 Call History.



2 Phone Operation

2.2.1.4 SIP Settings

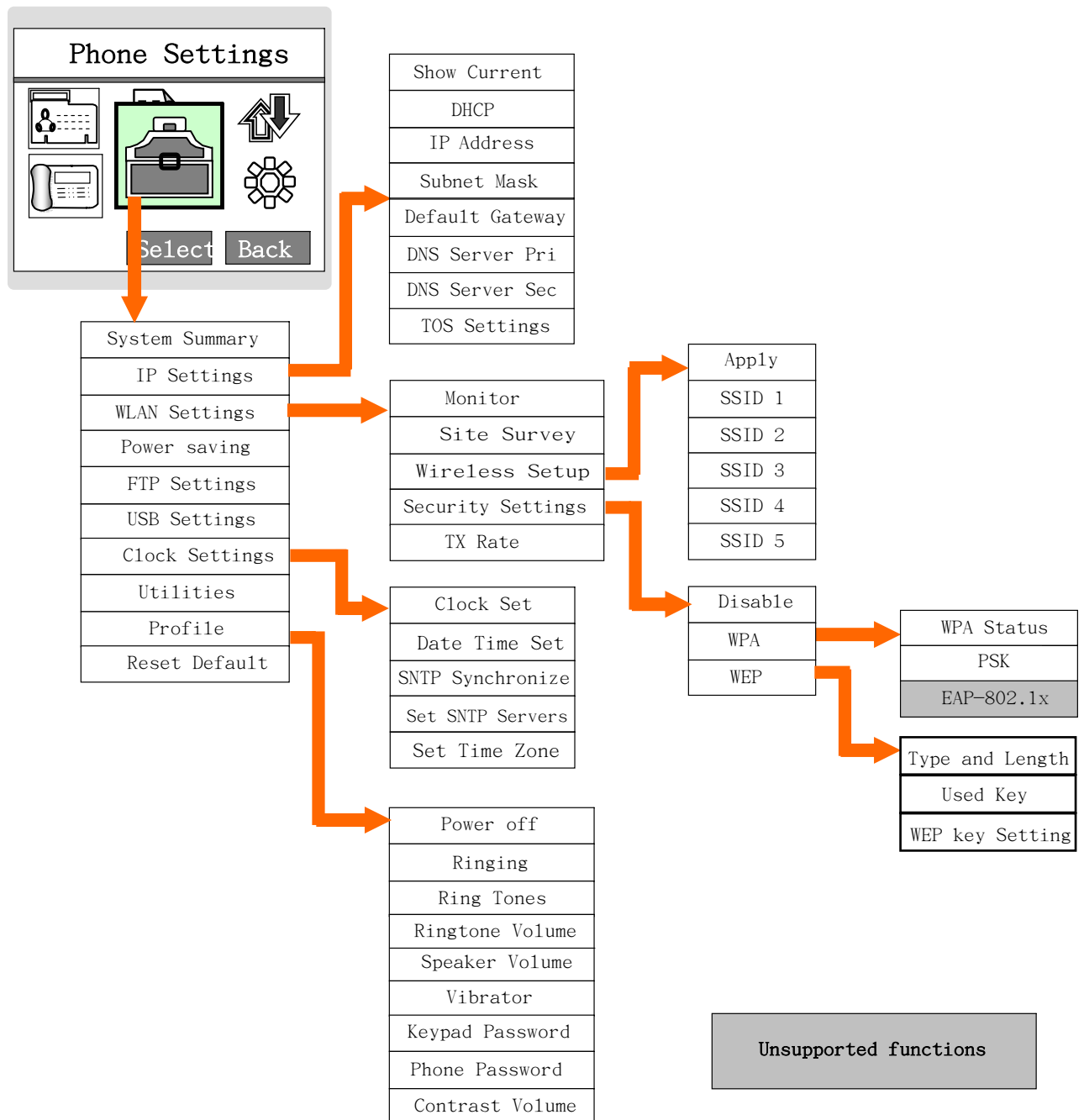
For more details, please refer to 5 SIP Settings.



2 Phone Operation

2.2.1.5 Network Configuration Menu

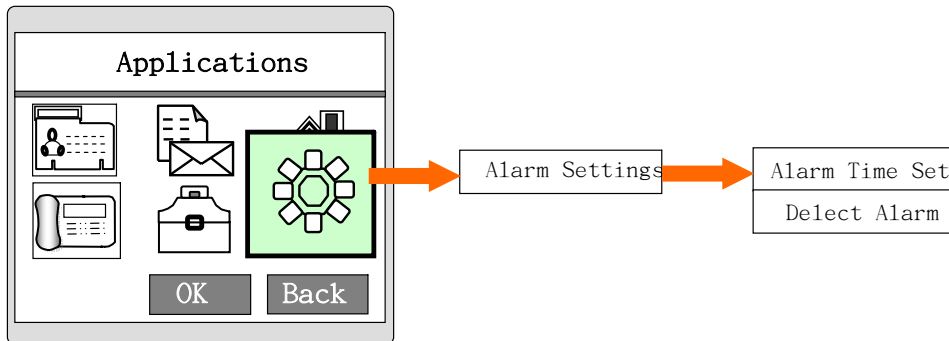
For more details, please refer to 4 Network Configuration.



2 Phone Operation

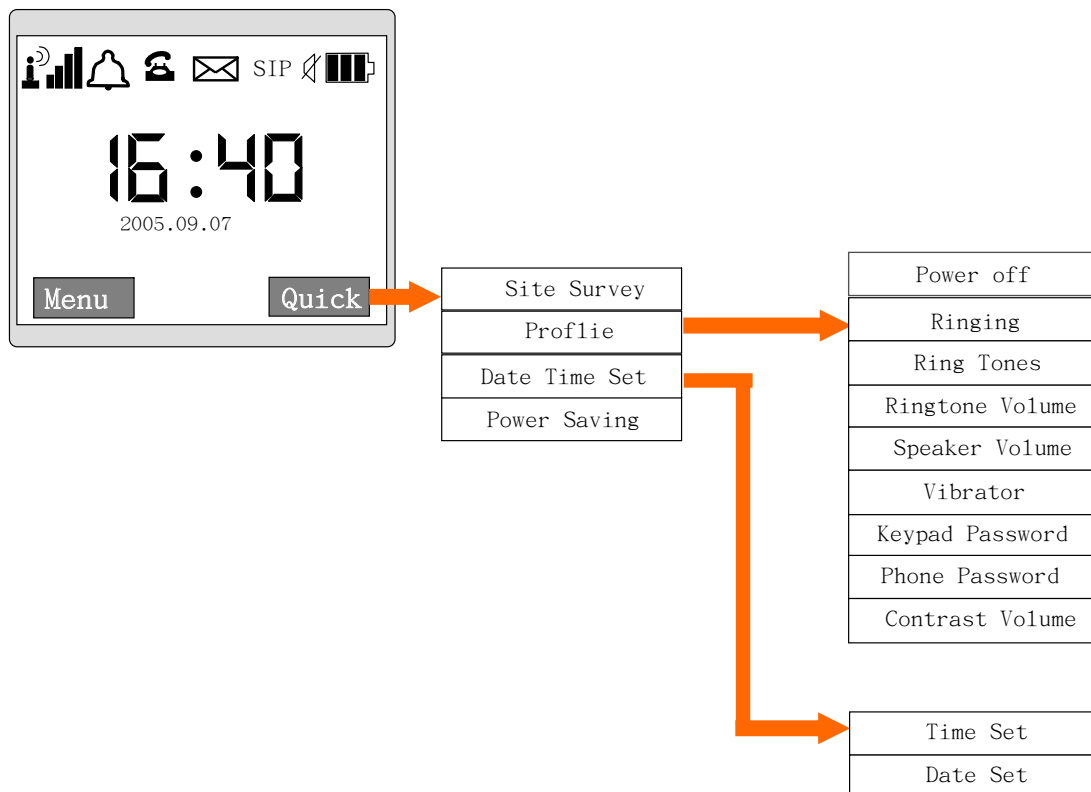
2.2.1.6 Applications Menu

For more details, please refer to 6.5 Alarm Settings.



2.2.1.7 Selecting "Quick" option from Standby Screen

The following options will be provided when selecting the "Quick" option (pressing right quick access key) on the Standby Screen (shown in Figure 2.1.1)



2 Phone Operation

2.3 Power On/Off

You must fully charge the battery before using your phone for the first time.

Use only approved AC adapter and charger.

The time and date are not set on newly purchased phones.

Please perform the time/date setup in "Clock Settings".

After switching the phone on, please check the battery-charging status on your LCD.

① Ready for use.

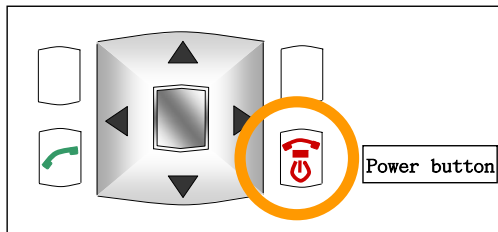


② Please use the charger unit or adapter to charge the phone.

Low battery indicator



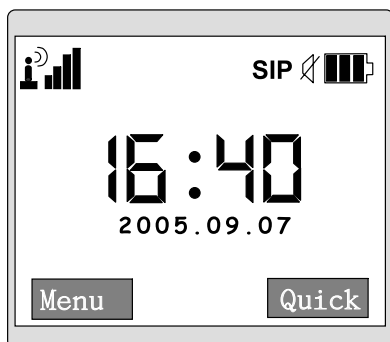
2.3.1 Power On



Press Power button.



Please press and hold "Power button" for 3 seconds until the word "Welcome" is displayed.



The screen on the left will be displayed when the phone is switched on.

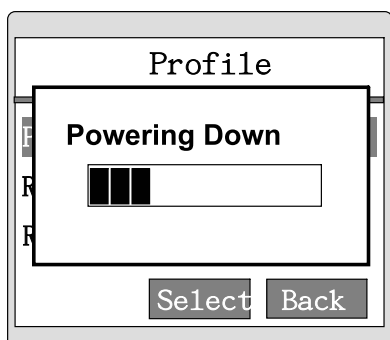
If "SIP" is not displayed indicates the phone is not connected to the network.

Either the settings in "Phone Settings" or the "SIP Settings" is not correct.

Please contact your service provider for more information.

「」 Indicates the battery power level is low.
Please charge the battery immediately.

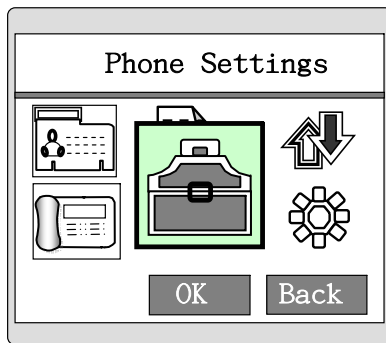
2.3.2 Power Off



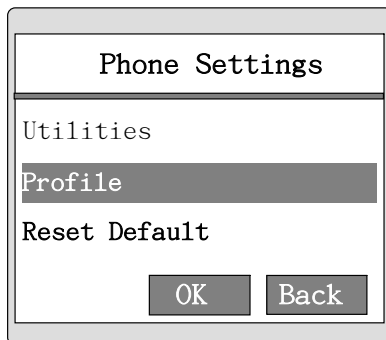
Please press and hold "Power button" for 3 seconds until the figure as left is displayed.

2 Phone Operation

2.3.2.1 Power Off from the Main Menu

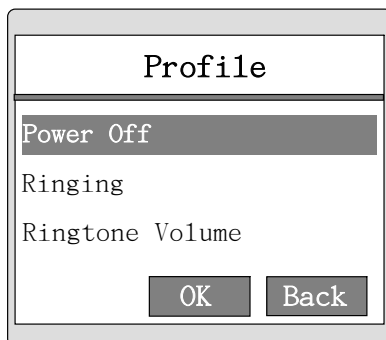


Select "Phone Settings" from the main menu.



After pressing "OK" key, use the navigator to scroll to the desired item.

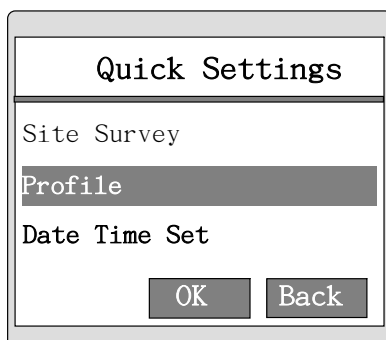
Scroll to "Profile" and press "OK" key.



Select "Power OFF" in the "Profile".

The display results and handling procedures are the same as 2.3.2 Power Off.

2.3.2.2 Power Off from the Function menu



Press "Quick". Use the navigator to scroll to the desired item.

Scroll to "Profile" and press "OK" key.

The display results and handling procedures are the same as 2.3.2.1 Power OFF from the Main Menu.

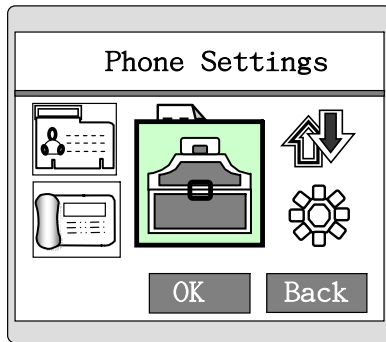
2 Phone Operation

2.4 Clock Settings

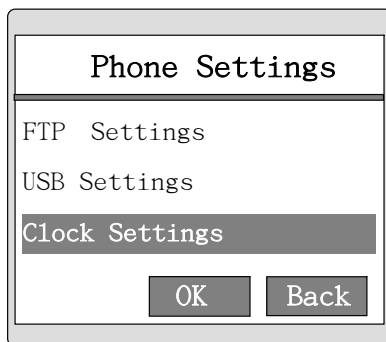
The following options will be provided when selecting the "Clock Settings" option (pressing Menu key or Quick key) on the Standby Screen (shown in Figure 2.1.1)

2.4.1 Clock Settings from the main manu

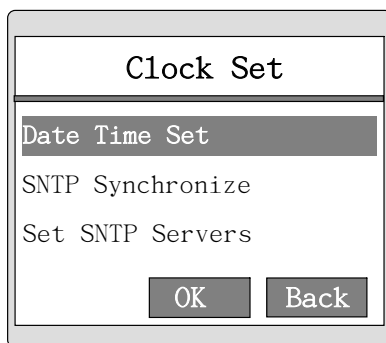
If from Figure 2.1.1 Standby Screen and press the left softkey, pls. follow the step as below:



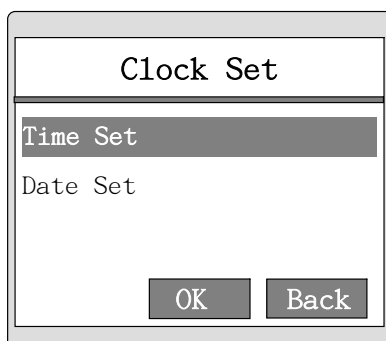
Select "Phone Settings".



Press "OK" key and scroll the navigator to choose "'Clock Settings" function, then press "OK" key.

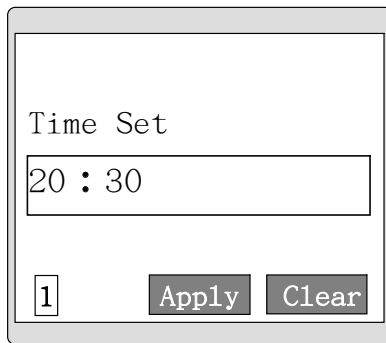


Enter "Clock Settings" and select "Date Time Set".



Enter "Date Time Set" and select "Time Set".

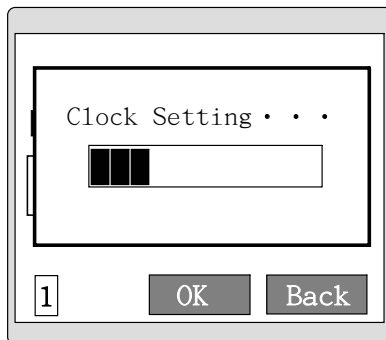
2 Phone Operation



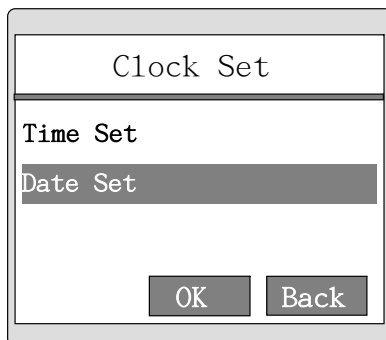
Please enter the desired time.

Use the 24-hour format.

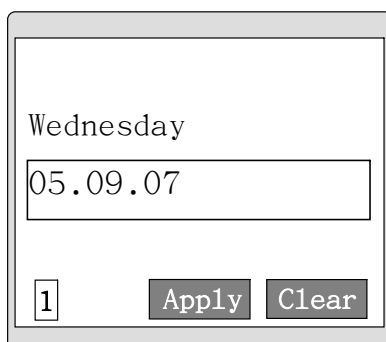
Entering is not necessary as it will be displayed automatically.



Press "Apply" to save the settings.



Select "Date Set" from the "Clock Settings" option list.



Press "Apply" and the screen on the right will be displayed.

Enter the desired date.

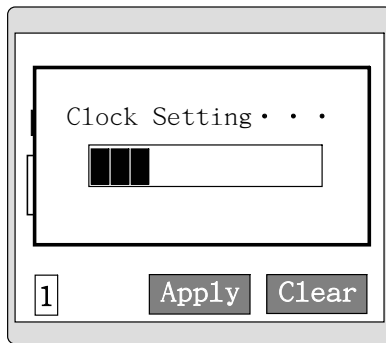
Follow the Year/month/date format to enter the date.

The right figure shows an example entering 05.09.07.

Entering 5.9.7 will result the same as entering 05.09.07.

The date of the week will be displayed automatically after we press "Apply" and re-enter "Date Settings".

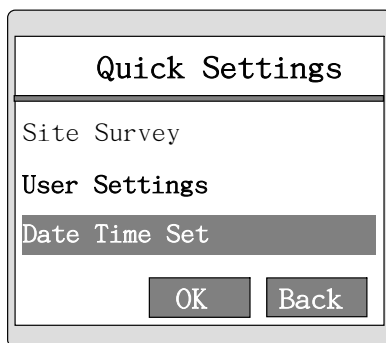
2 Phone Operation



Press "Apply" to save settings.

Press "Back" to go back to the Standby screen to confirm the date change.

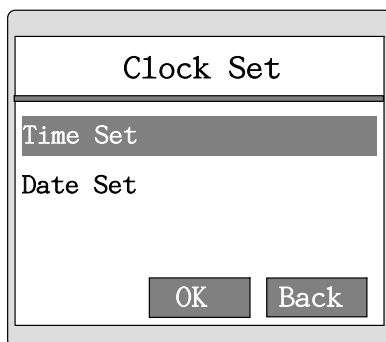
2.4.2 Setting the clock from "Quick" menu



Press "Quick" in the main menu.

Use the navigator to scroll to the desired item.

Scroll to "Date Time Set" and press "OK" key.



Select "Time Set" from the "Date Time Set" screen.

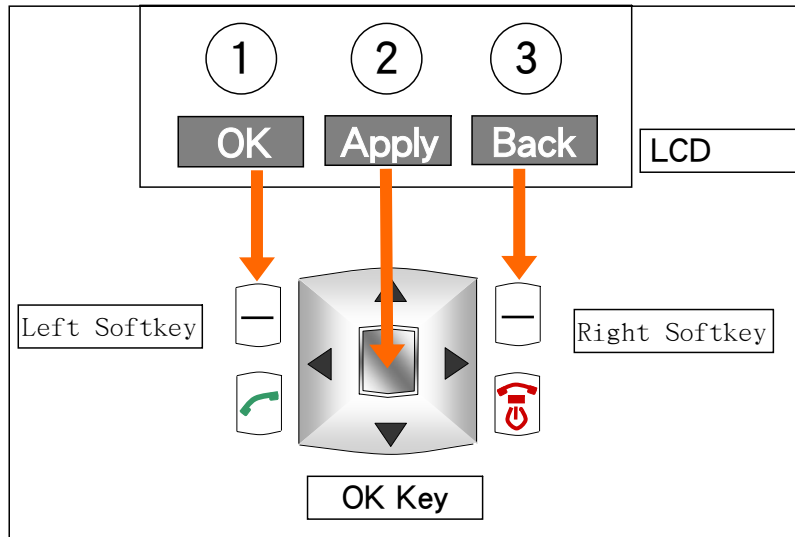
The succeeding steps are the same as 2.4.1 Setting the clock from Main Menu.

2 Phone Operation

2.5 Keypad Operation

2.5.1 Softkey Operation

The words "OK", "Back" options will be displayed at the bottom of the screen when in the Standby screen or performing a setting. The keys to execute these functions are called the "Softkeys".



The following functions showing on the LCD, softkeys and "OK" key are as left.

1

Executing "Save" function

When a "Menu" is displayed on the Standby screen, press the left softkey to display the main menu. The left softkey can also be used to switch input modes.

2

Executing "Save" and "Search" functions.

3

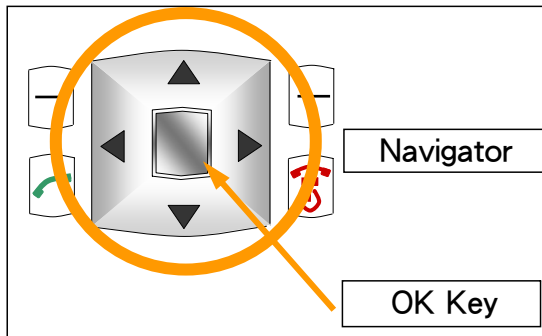
Executing "Back" and "Clear" functions.

When "Clear" is displayed, pressing the key once will clear one letter on the screen. Pressing and holding the key will clear all words in a specified field.

When the word "Quick" is displayed on the Standby screen, pressing the right softkey will display the Function Menu.

2 Phone Operation

2.5.2 Navigator button Operation

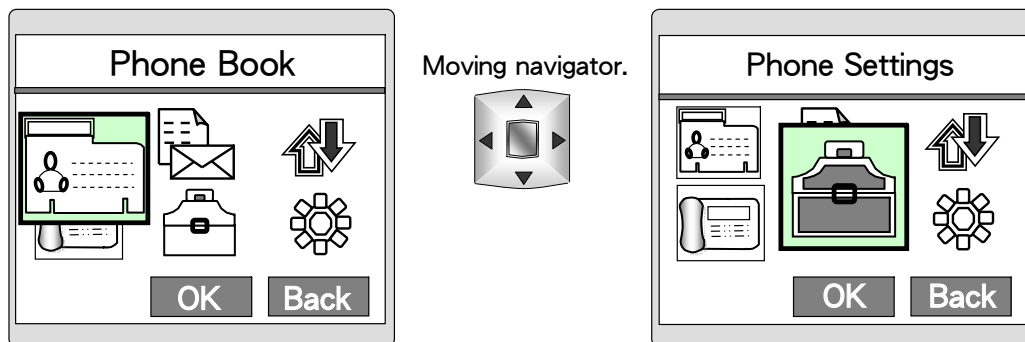


Scroll to a function using the navigator. (▲▼◀▶),
Press the "OK" key in the center when reaching a desired item.

2.5.2.1 Select function from Main Menu

Use the navigator to scroll to the desired function, the selected icon will be enlarged.
(The following figure uses "Phone Settings" as example).

After selecting the desired item, press "OK".



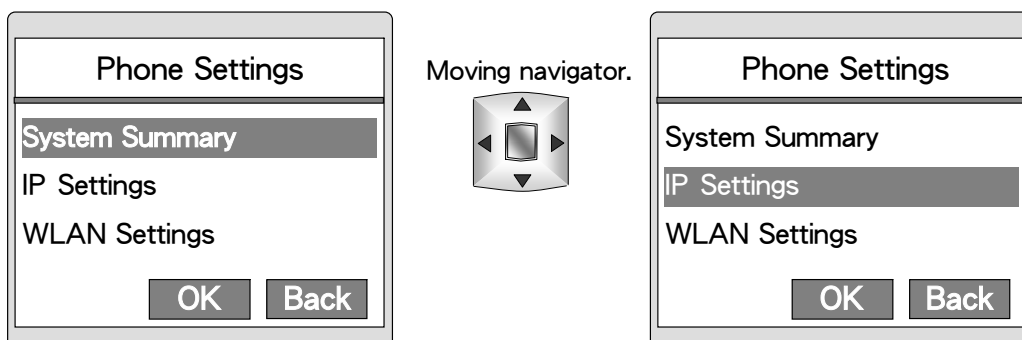
The "Phone Book" will be displayed when first entering the main menu.

The icon will appear enlarged when selected, using "Phone Settings" as an example.

2.5.2.2 Selecting Setting Options

Use the navigator to scroll to the desired item. The item selected will appear highlighted.
The following figure is an example of "Phone Settings", "IP Settings".

After choosing the desired item, press "OK".



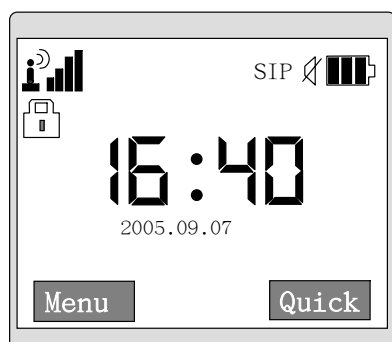
The first item will appear highlighted when first entering the "Phone Settings" screen.

Scrolling to "IP Settings" with the navigator.

2 Phone Operation

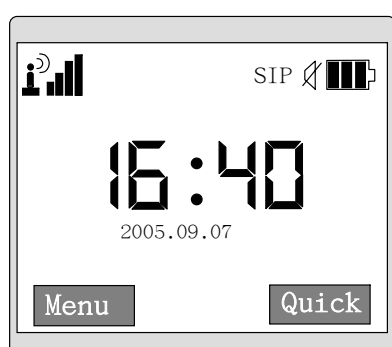
2.5.3 Keypad lock operation

Press and hold the # key to lock the phone.



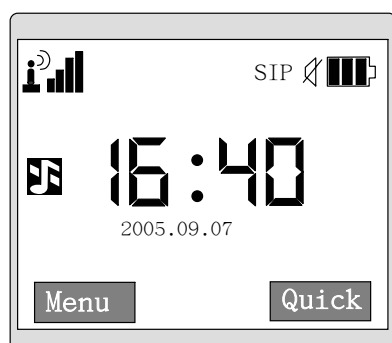
Press and hold the # key to lock the phone.

「」 The lock icon indicates the phone is now locked.

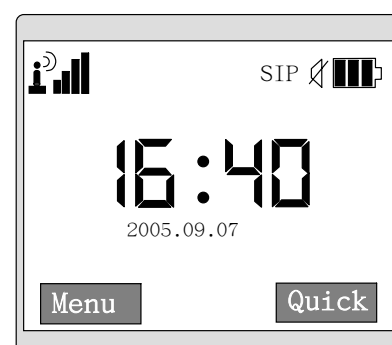


Press # until the lock 「」 disappears to unlock the phone.

2.5.4 Tone lock operation



Press and hold the * key to lock the tones (ring , keypad tone) indicate all the tones (ring , keypad tone) are locked.



Press # until the lock 「」 disappears to unlock the phone.

2 Phone Operation

2.6 Keypad Input Mode

2.6.1 Input Mode Category

This product supports the following input modes. The input mode may not be changed in certain setting options.

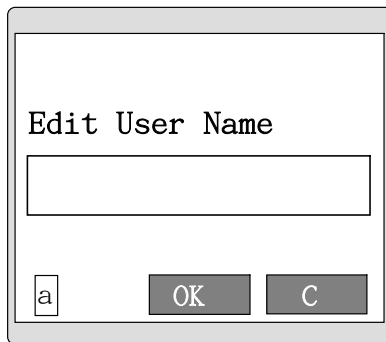
Chart 2.6.1 Input Mode Category

Type	Mode Selection	Display after selection	Input mode
Half Size	ABC	A	Half Size Upper Case English Character
	abc	a	Half Size Lower Case English Character
	123	1	Half Size Number

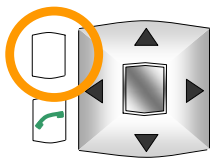
2 Phone Operation

2.6.2 Switching the input mode

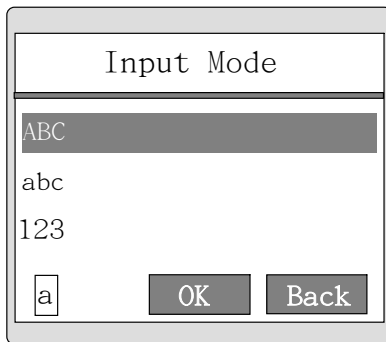
Use the left softkey to switch the input mode.



Use the left softkey to switch the input mode from Alphabetical Character to others, under the Phone Book Editing name option.

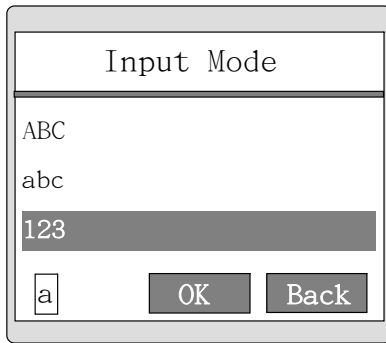


Press the left softkey once.



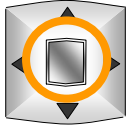
The current input type will be displayed (English Character is used as an example)

2 Phone Operation

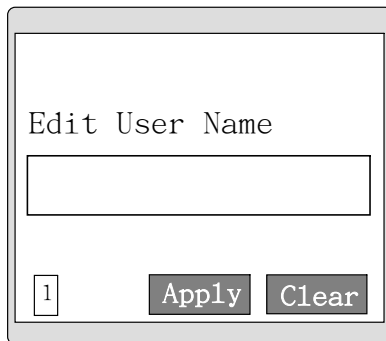


A screenshot of a mobile application screen titled "Input Mode". The screen displays a list of input modes: "ABC", "abc", and "123". The "123" mode is currently selected and highlighted with a dark background. At the bottom of the screen, there is a small box containing the letter "a", and two buttons labeled "OK" and "Back".

Use navigator to scroll to 123.
(The words will be highlighted)



Press "OK" key.



A screenshot of a mobile application screen titled "Edit User Name". The screen features a large, empty rectangular text input field. At the bottom left, there is a small box containing the number "1". To the right of this box are two buttons labeled "Apply" and "Clear".

The input mode in the "Edit User Name" screen will switch to 123.

2 Phone Operation

2.7 Function Overview

This product supports the functions as below:

Table 2.7.1 Function Overview (1/3)

No.	Function	Option	Sub-option/Description		
1	Phone Book (Max 200)	View	Display Phone Book		
		Edit	Edit Phone Book		
		Add	Create new contact		
		Delete	Delete information from the Phone Book		
		Delete All	Delete all information from the Phone Book		
2	Messages	New Message	Edit and transmit message		
		Instant Messages	View received messages / Reply function		
		Delete	Delete one of received messages		
		Delete All	Delete all received messages		
3	Call History	Dialed Calls	Number of dialed numbers(max 10)		
		Received Calls	Number of Received Calls (max. 10)		
		Missed Calls	Number of Missed Calls (max. 10)		
		Delete	Delete one of call history records		
		Delete All	Delete all call history records		
4	SIP Settings	SIP Settings	Display Name		Configure the SIP Display Name
			User Name		Set User Name
			Registrar		Set SIP Server
			Registrar Port		
			Registrar Status		Activate/Deactivate Registrar Setting
			Passwords	User Name	Set user name
				Password	Set password
			Subscription time		Set Subscription time
			Registration time		Set registration time
			SIP Local Host		Set the SIP local host
		SIP CallTime Ind		Set Call Time connection counter	
		Max Ringing time	STUN Server		Set STUN Server
			STUN ON/OFF		Enable/Disable STUN Client Function
			Set Maximum Call time		
		Audio Settings	PCMU/8000	G.711 A-1aw	
			PCMA/8000	G.711 U-1aw	
			G729/8000	G.729	
		DTMF Signaling	None	Don't support DTMF Signaling	
			rfc2833	Support rfc2833 Outband Signaling	
			Inband	Support Inband Signaling	

2 Phone Operation

Table 2.7.1 Function Overview (2/3)

No.	Function	Option	Sub-option/Description			
5	Phone Settings	System Summary	Operation Time, Serial Number, Memory, Display MMI/BSP/MAC/Bootroom Version			
		IP Settings	Show Current		Show current IP settings -MAC (Wireless card) -DHCP enabled/disabled -IP Address -Subnet Mask -Default Gateway	
			DHCP		On/Off	
			IP Address		Set IP address	
			Subnet Mask		Set Subnet Mask	
			Default Gateway		Set Default Gateway	
			DNS Server Pri		Set Primary DNS Server	
			DNS Server Sec		Set Secondary DNS Server	
			TOS Settings		Set the Type of Service	
			WLAN Settings	Monitor		Displays current connection status -Wireless Network Status -SSID (Service Set Identifier) -BSSID (Basic Service Set Identifier)
		Site Survey		Search for Access Points		
		Wireless Setup		Apply	Save / update data in Wireless Setup option	
				SSID	Up to 5 sets memory	
		Security Settings		WPA	PSK EAP-802.1x (do not support)	
				WEP	HEX	64bit
					HEX	128bit
					ASCII	64bit
		ASCII	128bit			
		Up to 4 keys in each mode.				
		TX Rate		Wireless Network Speed 11Mbps Auto		
		Power Saving		On/Off		
		FTP Settings		Set FTP connection (*1)		
USB Settings		USB Settings (*1)				
Clock Settings		Set Clock				
Utilities		Ping (*1) Firmware/File directory settings/Phone Book file directory upload and download (*1)				

(*1) For store using only, pls do not use.

2 Phone Operation

Table 2.7.1 Function Overview (3/3)

No.	Function	Option	Sub-Option/Description	
5	Phone Settings	Profile	Power Off	Shut down power
			Ringing	Enable/Disable
			Ring Tones	Select from 5 ring tones
			Ringtone Volume	Select ring volume
			Speaker Volume	Select hands-free speaker volume
			Vibrator	Enable/Disable
			Keypad Password	Keypad password
			Phone Password	Password used when setting phone information
			Contrast Volume	Set LCD Contrast Ratio
		Recet Default	Recet Default	Set Default
6	Applications	Alarm Set	Alarm Time Set	Set Alarm time
			Delete Alarm	Disable Alarm

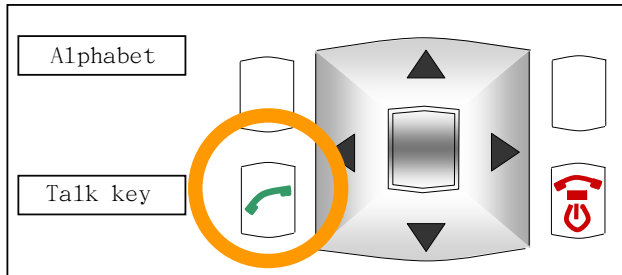
3 Basic Operation

3 Basic Operation

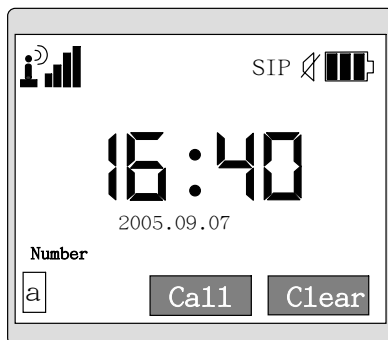
3.1 Making /Receiving a call

3.1.1 Making a call

3.1.1.1 Entering phone number using keypad

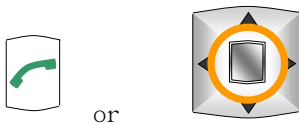


To make a call, use the "Talk" key or "OK" key on the navigator.

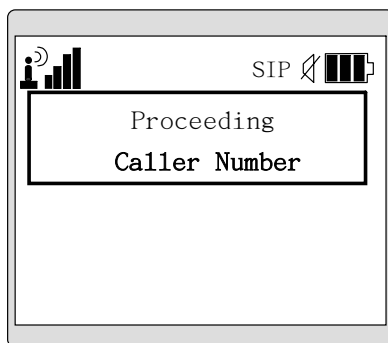


Enter the phone number in the Standby screen shown on the left.

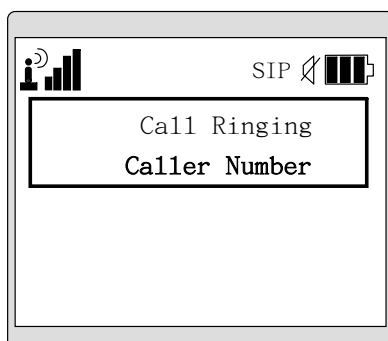
If the phone number is not digit, but alphabet, then press Alphabet softkey to select the needed alphabet.



Press "Talk" key or "OK" key after having entered the phone number.

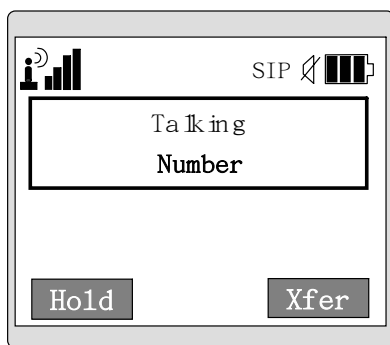


The Dialing screen on the left figure will be displayed.



"Call Ringing" will be displayed while waiting for the called party to answer the phone.

3 Basic Operation



When the call party answers the phone, the message ?
"Talking" will be displayed.

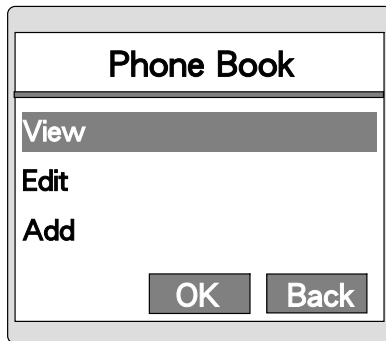
Table 3.1.1 Messages displayed on Caller side

Message	Description
Proceeding	Dialing
Call Ringing	Waiting for the answer
Call Cancelled	Hang up before the called party answers
Talking	Call in progress
Call Held by us	Call holding
Unholding with	Cancel holding
Call terminated	Call ended
Disconnected	The called party terminated the call
Call Declined	The called party doesn't answer and ends the call
Held by remote	The called party puts this call on hold
Callee is unholding	The called party unholds the call
Callee replied busy	The called party is talking to somebody

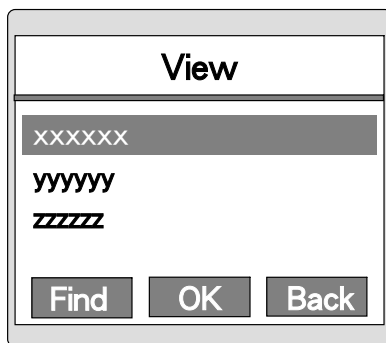
3 Basic Operation

3.1.1.2 Select from Phone Book

The called party can be selected from the Phone Book contacts list.



Select "View" option in the "Phone Book" menu.



Contact names in the Phone Book will be displayed.
Scroll to the desired name.

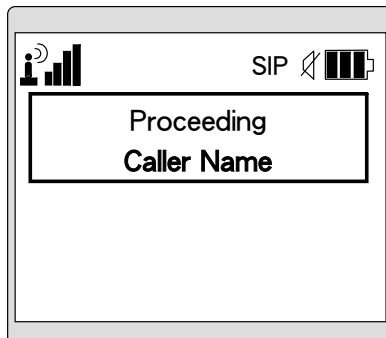
The name and phone number will be displayed
after clicking "OK".



or



Press "Talk" key or "OK" key on the navigator after
phone number is dialed.



Dialing the number.

The name in the Phone Book will be displayed during
the dialing process.

The succeeding operation steps are the same as section
3.1.1.1 Entering phone number using keypad

You can also use the Call History to make a call.

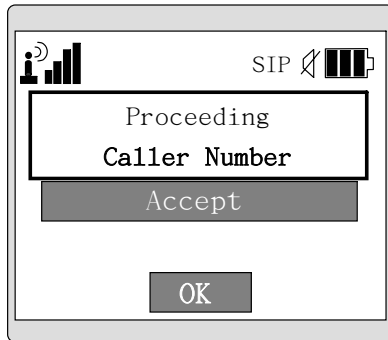
To use the Dialed calls Mode, please refer to 3.4.1 viewing Dialed Calls

To use the Calls Received, please refer to 3.4.2 Viewing Received Calls.

To use the Missed Calls, please refer to 3.4.3 Viewing Missed Calls.

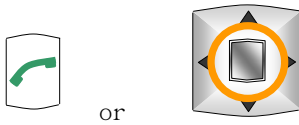
3 Basic Operation

3.1.2 Receiving a call



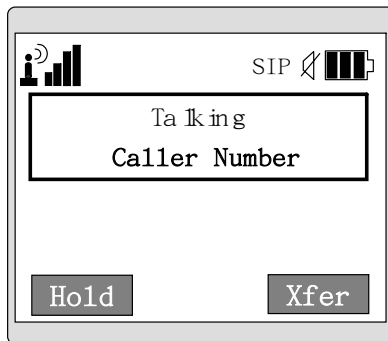
Whenever there is an incoming call, the screen will display the message on the left.

(If the caller number had already been saved in the Phone Book, the name in the Phone Book associated with the number will be displayed.)



or

Press the "Talk" key or the "OK" key on the navigator.



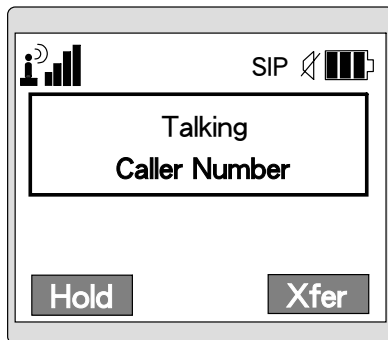
The message "Talking" indicates the call is proceeding.

Table 3.1.2 Messages displayed on the receiver side

Message	Description
Proceeding	Incoming call
Talking	Call in progress
Call Cancelled	Caller cancelled the call
Call Held by us	Call holding
Call terminated	Call ended
Disconnected	The calling party terminated the call
Held by remote	This call is on hold by the caller
Callee is unholding	The caller is unholding the call

3 Basic Operation

3.1.3 Call holding and unholding



Press "Hold" (left softkey) to set a call in holding status.

(If the caller number had already been saved in the Phone Book, the name in the Phone Book associated with the number will be displayed.)



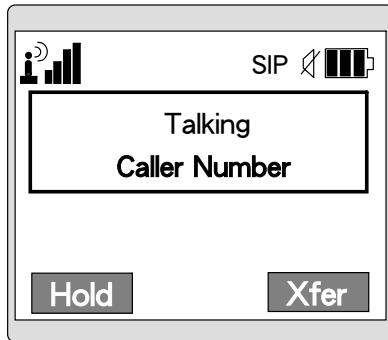
The message on the left screen indicates the current call is on hold.

To unhold a call, press "Unhold" (left softkey)

(If the caller number had already been saved in the Phone Book, the name in the Phone Book associated with the number. will be displayed.)

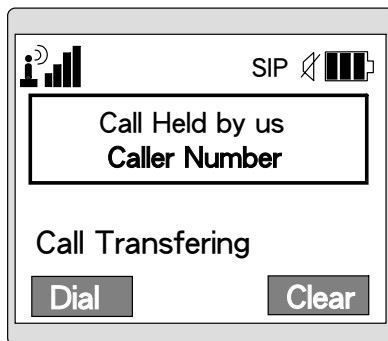
3 Basic Operation

3.1.4 Call transfer



Press "Xfer" (right softkey) to transfer a call.

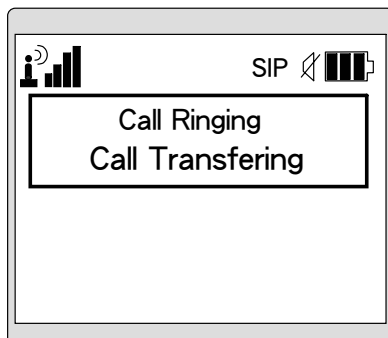
(If the caller number had already been saved in the Phone Book, the name in the Phone Book associated with the number will be displayed.)



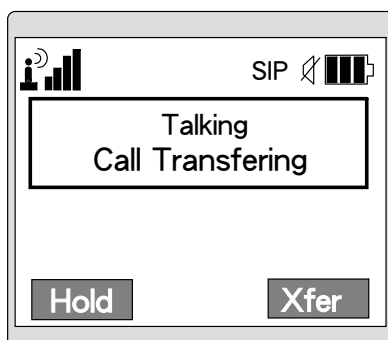
Enter the number this call will be transferred to and press "Dial" (left softkey).

To change the transfer number, press "Clear" (right softkey).

(If the caller number had already been saved in the Phone Book, the name in the Phone Book associated with the number will be displayed.)



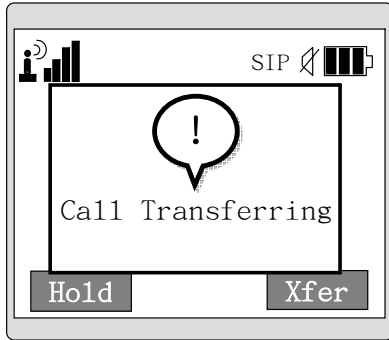
Waiting for the transfer party to accept the call.



The message on the left figure indicates the transfer party is able to accept the call.

To transfer the call, press "Xfer" (right softkey).

3 Basic Operation

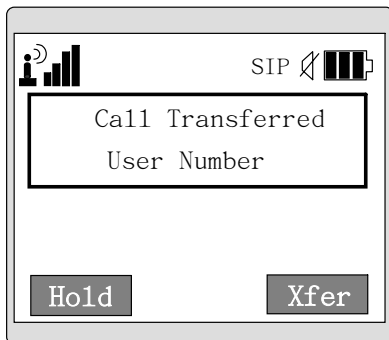


Display "Call Transferring" message.



When the "Call Transferring" message is displayed, the original incoming phone call will be set on hold.

If the caller number had already been saved in the Phone Book, the name in the Phone Book associated with the number will be displayed.



When the call has been transferred successfully, the message "Call transferred" will be displayed, and this call can be disconnected.

It could also display "Call held by us" (Original number) instead of the "Call transferred" message.

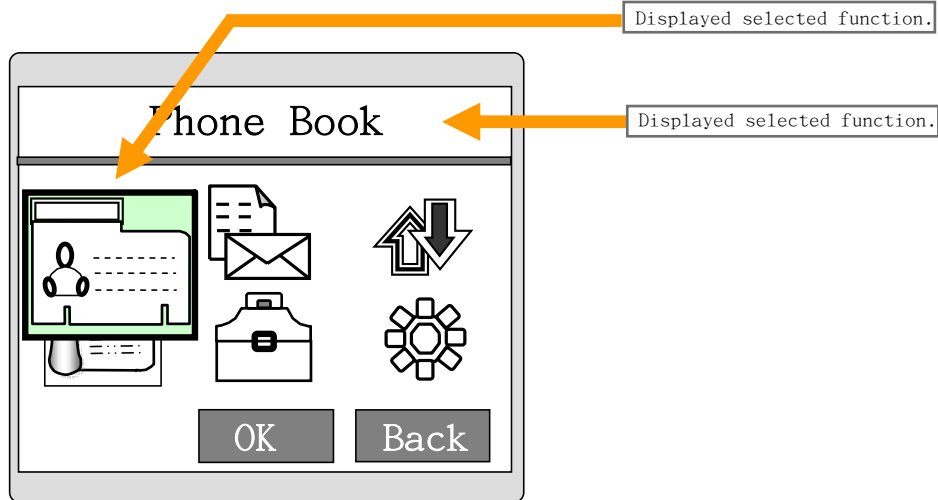
In this case, press the Power button to disconnect the call.

Press the Power button to disconnect the call.

3 Basic Operation

3.2 Phone Book Settings

Select "Phone Book" from the main menu.

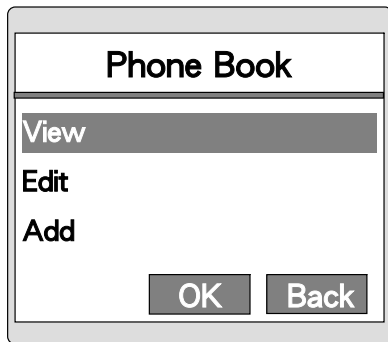


The functions of this option list are as follow:

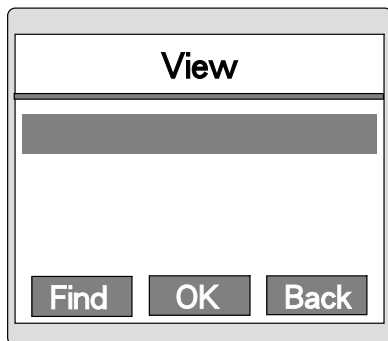
Option	Description
View	Display saved phone numbers and provide search functionality
Edit	Update saved phone number
Add	Create new contact in Phone Book
Delete	Delete single entry in Phone Book
Delete All	Delete all entry in Phone Book

3 Basic Operation

3.2.1 Display Phone book

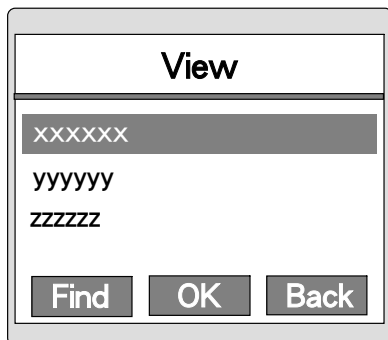


Select "View" in "Phone Book" menu.



The "View" screen will be shown.

The figure on the left displays an empty Phone Book.

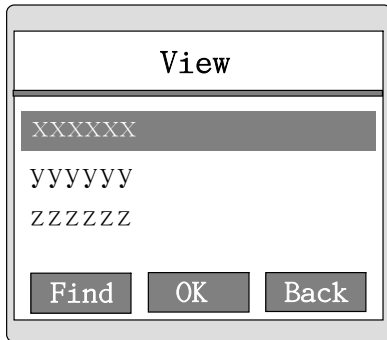


The figure on the left displays a Phone Book with contact information.

Use the navigator to scroll to the desired record, and press "OK" to show the number and the name.

3 Basic Operation

3.2.2 Searching in the Phone Book



View

XXXXXX

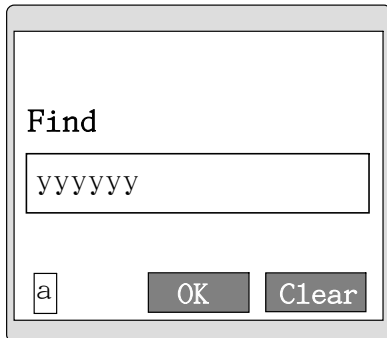
YYYYYY

ZZZZZZ

Find OK Back

Select "View" in "Phone Book" menu.

Press "Find" (left softkey)



Find

YYYYYY

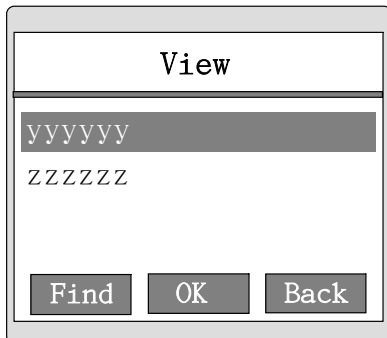
a OK Clear

Display "Find" keyword entering screen.

Enter search keyword and press "OK" key.

The search function can be used in the "View", "Edit" and "Delete" menu, by using English letters as search keywords. Please key in the keywords in English letters before using the search function.

Press the left softkey to change the input mode if needed.



View

YYYYYY

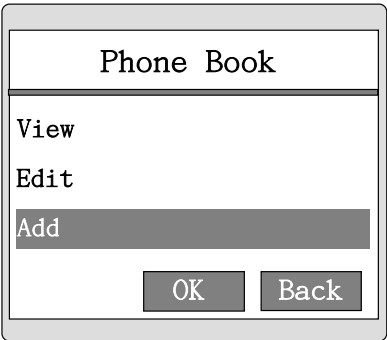
ZZZZZZ

Find OK Back

The matched results will be displayed.

3 Basic Operation

3.2.3 Adding a new contact



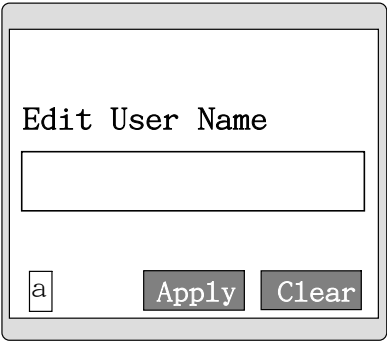
A screen titled "Phone Book" with a menu containing "View", "Edit", and "Add". The "Add" option is highlighted with a dark background. At the bottom are "OK" and "Back" buttons.

To add a new contact to the Phone Book, select "Add" in the "Phone Book" menu



A screen titled "New Contact" with two input fields: "User name:" and "SIP URL:". At the bottom are "OK" and "Back" buttons.

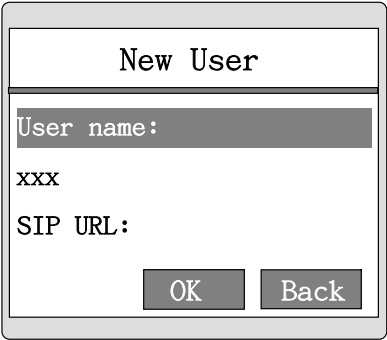
The "New contact" screen will be displayed.



A screen titled "Edit User Name" with a large text input field. Below the field is a small box containing the letter 'a', followed by "Apply" and "Clear" buttons.

Enter User Name of contact when prompted.
Press "Apply" to input the entered information.

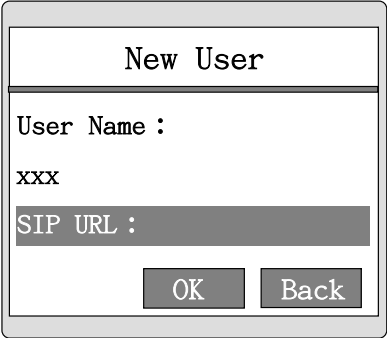
Press the left softkey to change the input mode if needed.



A screen titled "New User" with two input fields: "User name:" and "SIP URL:". The "User name:" field contains the text "xxx". At the bottom are "OK" and "Back" buttons.

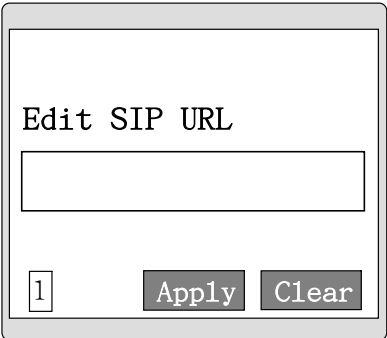
New contact information is added.

3 Basic Operation



The 'New User' screen has a title bar 'New User'. Below it, there is a label 'User Name :', a text input field containing 'xxx', a label 'SIP URL :', and an empty text input field. At the bottom, there are two buttons: 'OK' and 'Back'.

Use the navigator to select the "SIP URL" and press "OK" key.

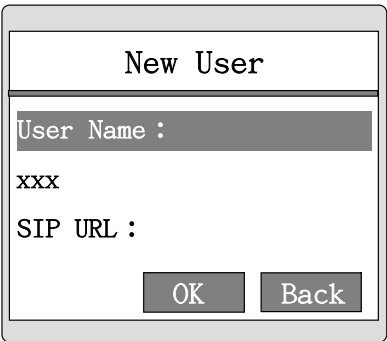


The 'Edit SIP URL' screen has a title bar 'Edit SIP URL'. Below it, there is a large empty text input field. At the bottom left, there is a small box containing the number '1'. To its right are two buttons: 'Apply' and 'Clear'.

Enter phone number when prompted.
Enter full number when the external number is used.
Or enter extension number when the internal number is used.

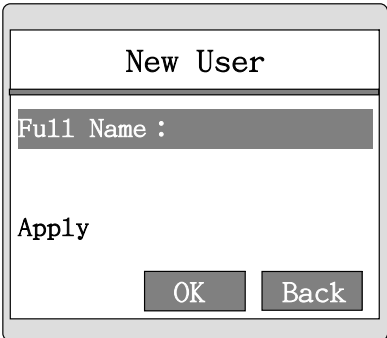
Press "Apply" in the input screen to return to the "New User" screen.

Press the left softkey to change the input mode if needed.



The 'New User' screen has a title bar 'New User'. Below it, there is a label 'User Name :', a text input field containing 'xxx', a label 'SIP URL :', and an empty text input field. At the bottom, there are two buttons: 'OK' and 'Back'.

Press "OK" and come back to "New User".

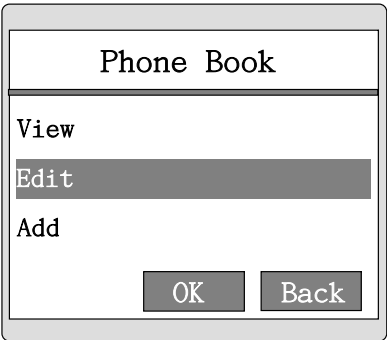


The 'New User' screen has a title bar 'New User'. Below it, there is a label 'Full Name :', a text input field containing 'Apply', and an empty text input field. At the bottom, there are two buttons: 'OK' and 'Back'.

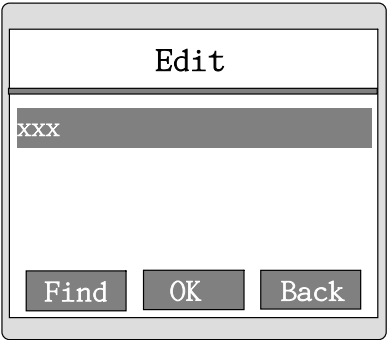
Must use the navigator to select "Apply" then the New User could be added Successfully.

3 Basic Operation

3.2.4 Editing the Phone Book

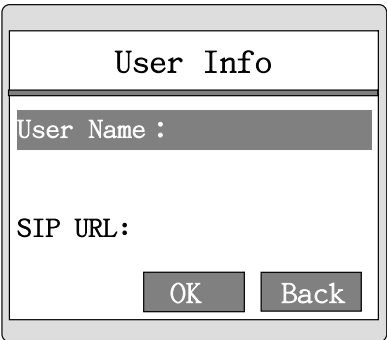


To edit a phone number, please select "Edit" in the "Phone Book" menu.



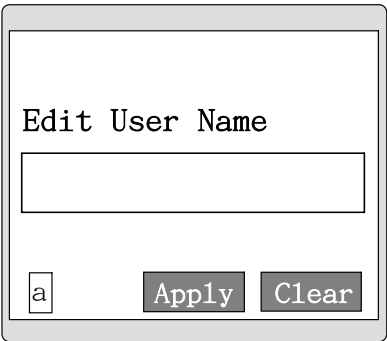
The "Edit" screen will be displayed along with the Phone Book contents.

To perform a search, select "Find" (left softkey).



After selecting a contact, the screen on the left will be displayed. Use the navigator to scroll to the item to be updated.

(The figure on the left uses the "User Name" field as an example).

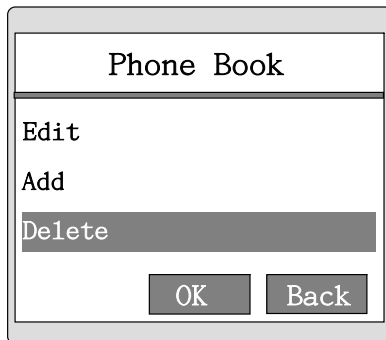


After selecting the item to be edited, the screen on the left will be displayed.

Press the left softkey to change the input mode if needed. The operation related to the phone number is the same as the "Add" function.

3 Basic Operation

3.2.5 Deleting an entry from the Phone Book

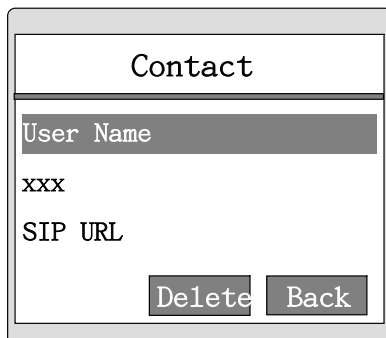


To delete a contact, select "Delete" in the "Phone Book" menu.



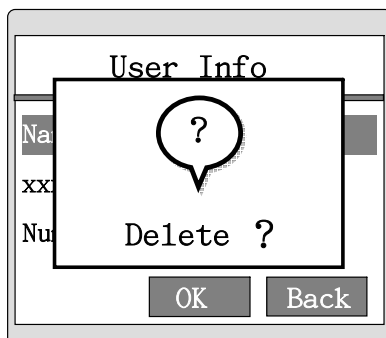
The information to be deleted will be displayed in the "Delete" screen.

For search options, select "Find" (left softkey).



The left screen will be displayed after selecting the contact to be deleted. Use the navigator to scroll to the item to be deleted.

(The figure on the left uses the "Contact" field as an example).



Display "Delete ?" message.

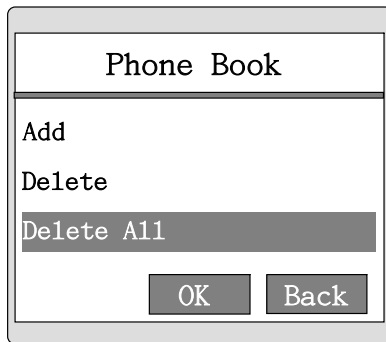
To delete, press "OK".

To cancel, press "Back" (right softkey).

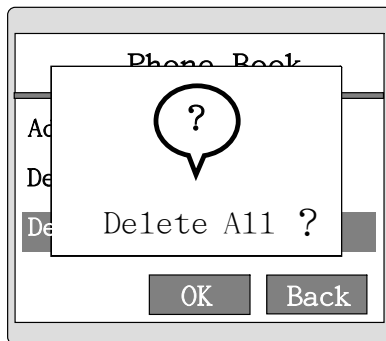
When the deletion is completed, the "Delete" screen will be displayed.

3 Basic Operation

3.2.6 Deleting All Phone Book entries



To delete all entries in the Phone Book, select "Delete All ?" in the Phone Book screen.



The "Delete All ?" message will be displayed.

To delete, press "OK".

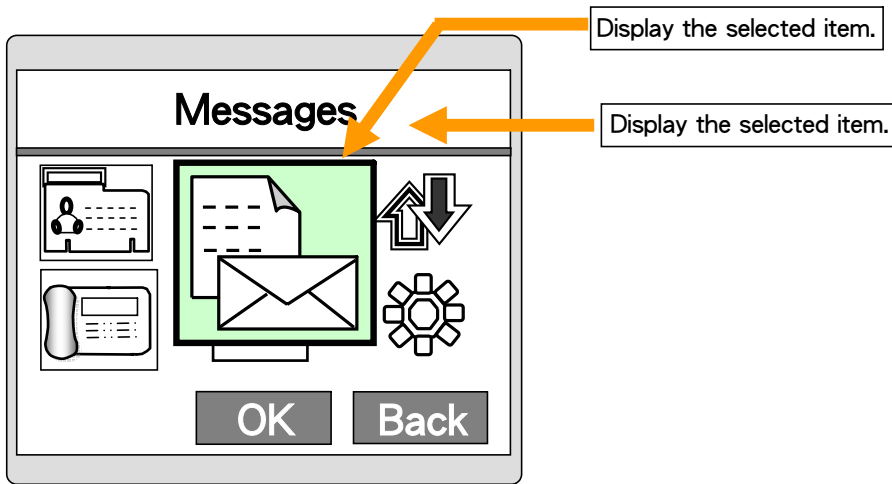
The contents of the Phone Book will be deleted.

To cancel the deletion, press "Back"(right softkey).

3 Basic Operation

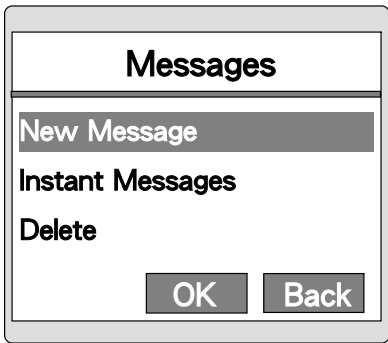
3.3 IM (Instant Messages)

Select the "Message" from the main menu.

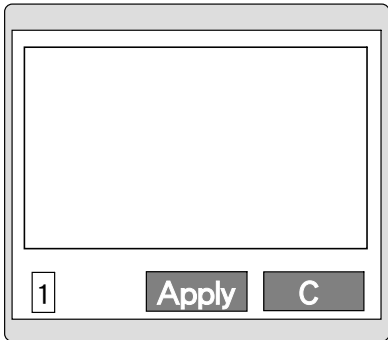


Menu	Description
New Message	Create and send new message
Instant Messages	Reply Message
Delete	Delete Message
Delete All	Delete all Messages

3.3.1 Create and send new message



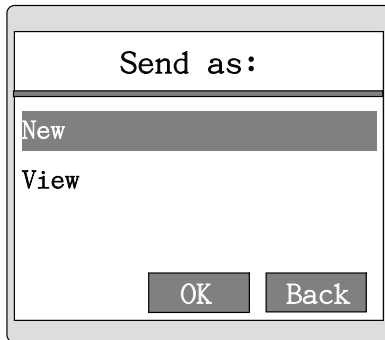
Select "New Message" in the "Messages" menu.



Enter message text
After entering the message, press "OK" key.
The "Apply" option will not be displayed if the message content is empty.

Press the left softkey to change the input mode.

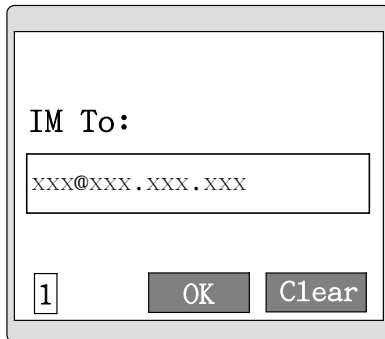
3 Basic Operation



The screen will be displayed.
Select "Instant Messages".

"New": Keyin called ID.

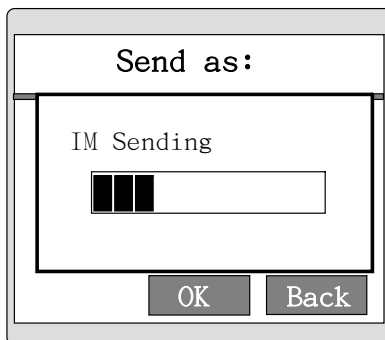
"New": Select from the Phone Book.



Enter the destination address or phone number.

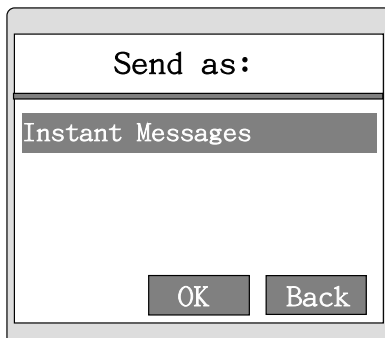
Press the left softkey to switch the input mode if needed.

*The "Transfer Mode" option will not be displayed if the address field is empty.



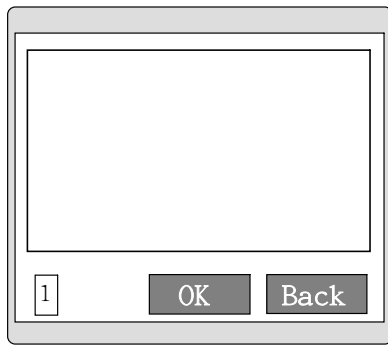
The message on the left will be displayed after entering the address or phone number, and pressing "OK" key.

The "IM Accepted" message indicates that the recipient has completed receiving the message.



The phone will return to the screen on the left after the transmission of the message has been completed.

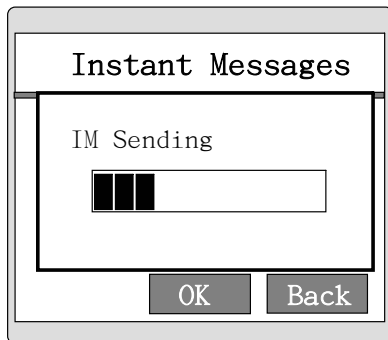
3 Basic Operation



Enter reply message.

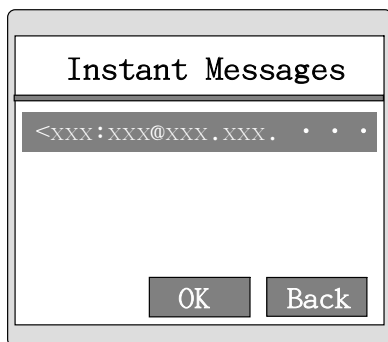
After entering the message, press "OK" to send.

Press the left softkey to switch the input mode if needed.



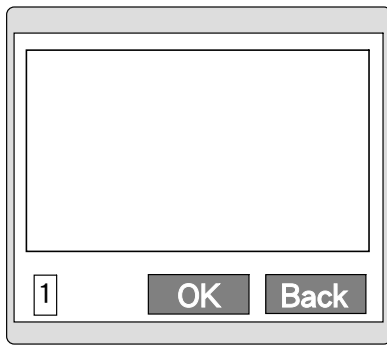
When the reply message is being sent to selected person, the "IM Sending" message will be displayed on the screen.

The "Message From" message indicates the message has been received by the recipient.



The phone will return to the screen on the left when the message transmission has been completed.

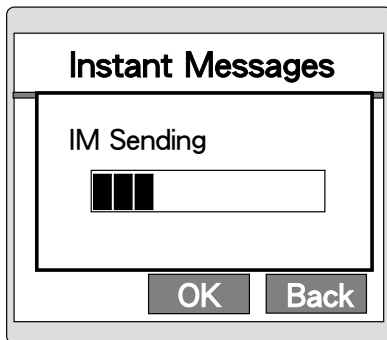
3 Basic Operation



Enter reply message.

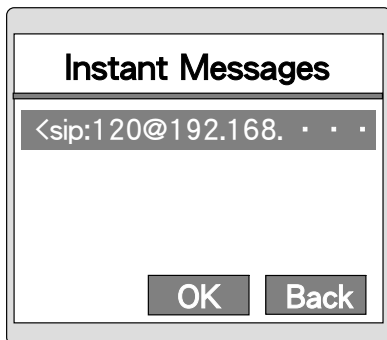
After entering the message, press "OK" to send.

Press the left softkey to switch the input mode if needed.



When the reply message is being sent to selected person, the "IM Sending" message will be displayed on the screen.

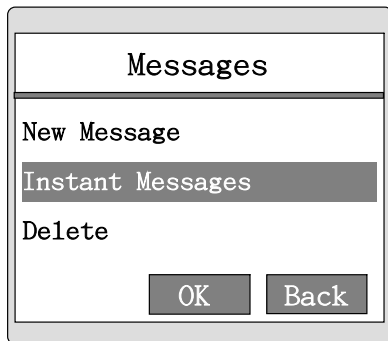
The "Message From" message indicates the message has been received by the recipient.



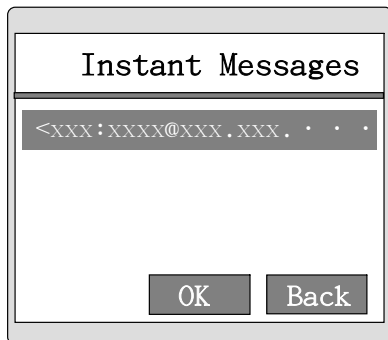
The phone will return to the screen on the left when the message transmission has been completed.

3 Basic Operation

3.3.2.2 Instant Messaging



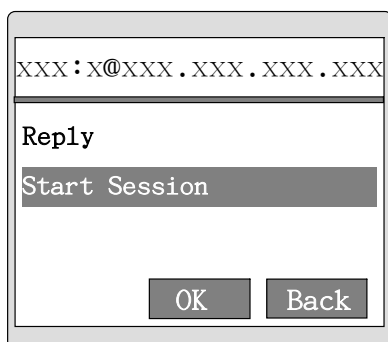
Select "Instant Messages" in the "Messages" menu.



Select recipient from the received IM list.



After receiving the message, press "OK" key to confirm.



Initiate instant messaging session.

3 Basic Operation



XXX.XXX.XXX.XXX

|

<Hello

>

a OK Clear

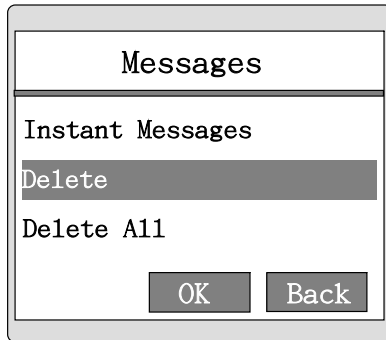
Enter reply message in the "1" prompt.

Press the left softkey to switch the input mode if needed.

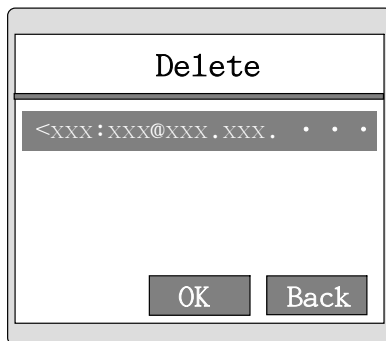
Pressing "OK" key will send out the message to the recipient.

3 Basic Operation

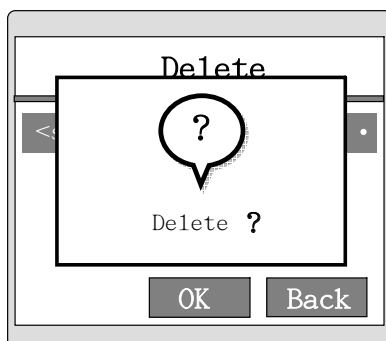
3.3.3 Delete Single Message



Select "Delete" in the "Messages" menu.



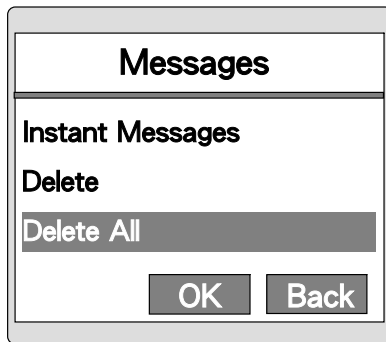
Scroll to the item to be deleted from the received messages list (in IP address format) and press "OK" key.



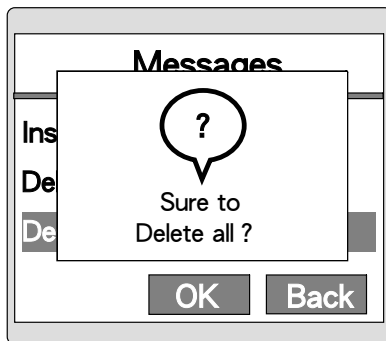
The message to be deleted will be displayed.
To delete, press "OK" key.
To cancel the deletion, press "Back" (right softkey).

3 Basic Operation

3.3.4 Delete All Messages



Select "Delete All" in the "Messages" menu.



The message to be deleted will be displayed.

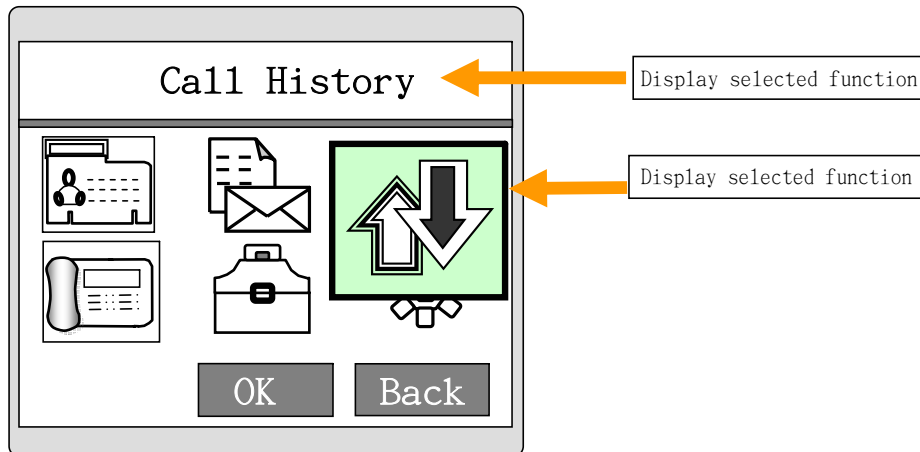
To delete, press "OK" key.

To cancel the deletion, press "Back" (right softkey).

3 Basic Operation

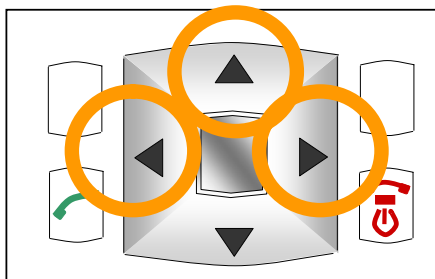
3.4 Call History

Select "Call History" from the main menu.



The following options can be selected:

Menu	Description	
Dialed Calls	Dialed Calls phone number from Calls Made	max. 10 calls
Received Calls	Display/Calls Received	max. 10 calls
Missed calls	Display missed calls	max. 10 calls
Delete	Delete single record	
Delete All	Delete all records	

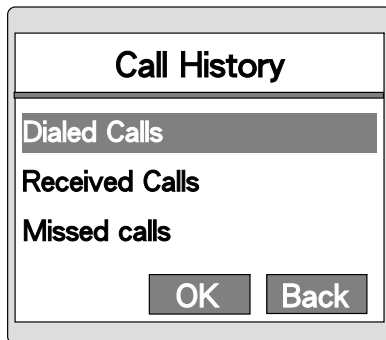


Use the navigator to display the items in following list in the Standby screen.

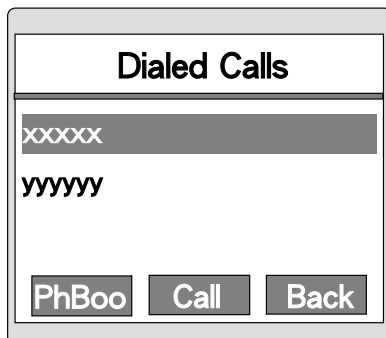
- ▲ Phone book
- ◀ Received Calls
- ▶ Dialed Calls

3 Basic Operation

3.4.1 Dialed Calls



In the "Call History" menu, use the navigator to scroll to "Dialed Calls" and press "OK" key.

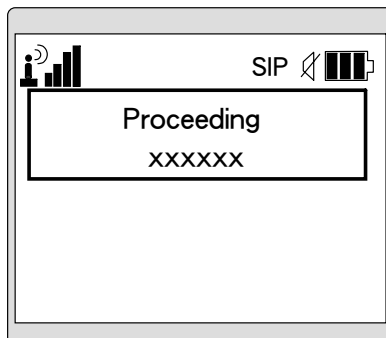


Display "Dialed Calls".

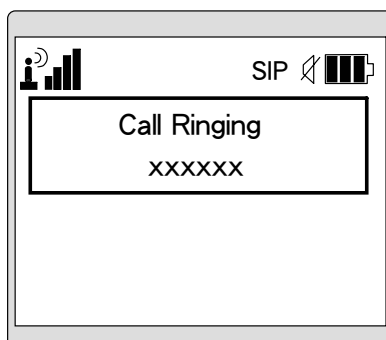
Use the navigator to scroll to the number to be Dialed Called. Press "Call" or the "Talk" key after the selection.

To save the Dialed Call number to the Phone Book, press "PhBoo" (left softkey).

(For detailed operation information on saving data to the Phone Book, refer to 3.2.3 Adding a new contact)



The dialing screen is shown on the left.

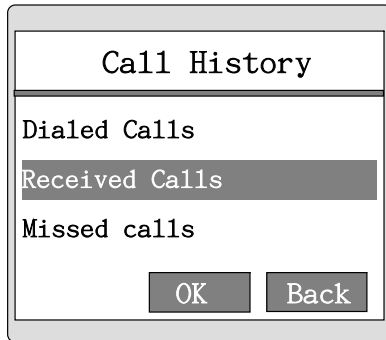


The message "Call Ringing" will be displayed before the called party accepts the call.

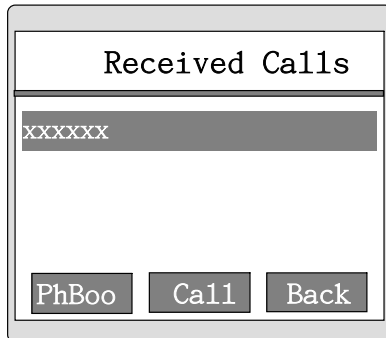
"Talking" indicates the phone call is in progress.

3 Basic Operation

3.4.2 Viewing Received Calls (Calls Received)



Scroll to "Received Calls" in the "Call History" menu and press "OK" key.

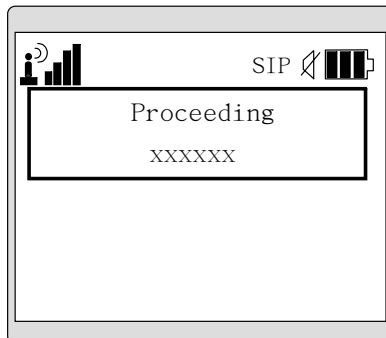


Display "Received Calls".

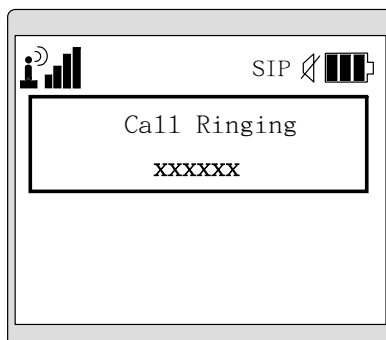
Use the navigator to scroll to the number you wish to dial. Select "Call" or press the "Talk" key.

To save the Dialed Call number to the Phone Book, press "PhBoo" (left softkey).

(For detailed operation information on saving data to the Phone Book, refer to section 3.2.3 Adding a new contact).



The dialing screen is shown on the left.

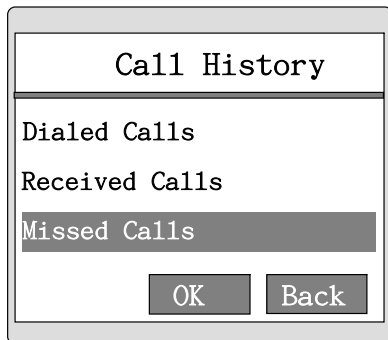


The message "Call Ringing" will be displayed before the called party accepts the call.

"Talking" indicates the phone call is in progress.

3 Basic Operation

3.4.3 Viewing Missed calls



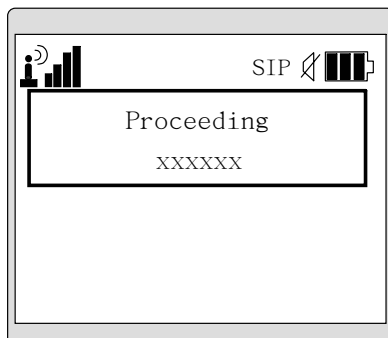
Use the navigator to scroll to the "Missed calls" option in the "Call History" menu, press "OK" key.



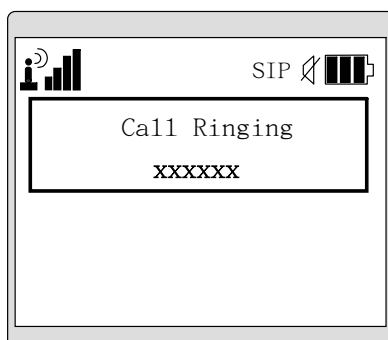
Missed calls will be displayed.

Use the navigator to scroll to the number you wish to dial. Select "Call" or press the "Talk" key after phone number selection. To save the Dialed Call number to the Phone Book, press "PhBoo" (left softkey).

(For detailed operation information on saving data to the Phone Book, refer to 3.2.3 Adding a new contact).



The dialing screen is shown on the left.

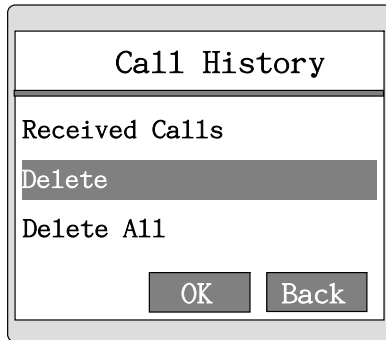


The message "Call Ringing" will be displayed before the called party accepts the call.

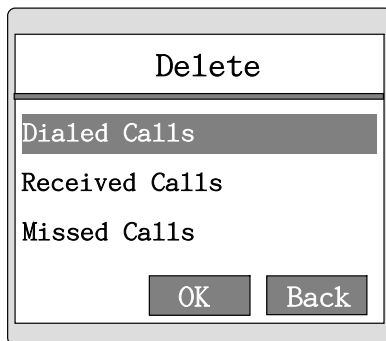
"Talking" indicates the phone call is in progress.

3 Basic Operation

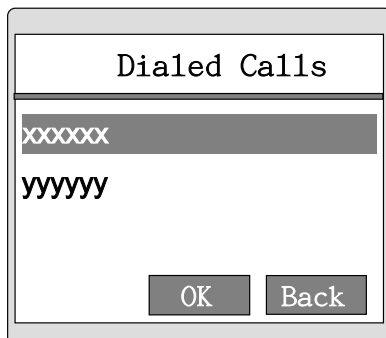
3.4.4 Delete a single record



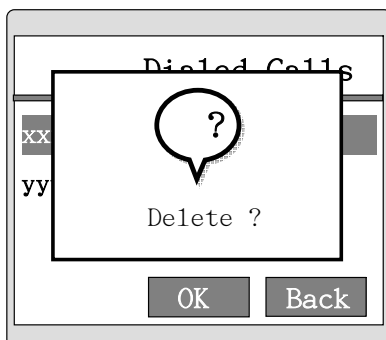
Use the navigator to scroll to the "Delete" option in the "Call History" menu and press "OK" key.



Select the record to be deleted and press "OK" key.
(The screen on the left uses deleting a Dialed Calls record as an example)



Scroll to the record to be deleted, press "OK" key.

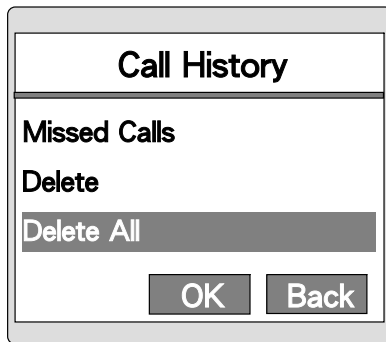


The "Delete ?" message will be displayed.
To delete, press "OK" Key.
To cancel, press "Back" (right softkey).

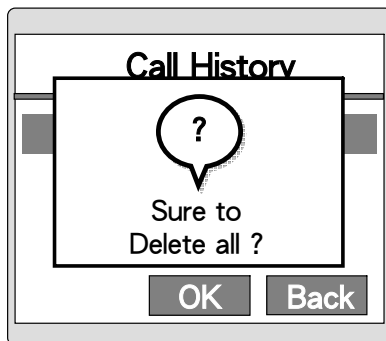
After deleting a record, the screen will return to the "Delete" menu.

3 Basic Operation

3.4.5 Delete all Records



Use the navigator to scroll to the "Delete All" option in the "Call History" menu and press "OK" key.



The "Sure to Delete All?" message will be displayed.

To delete, press "OK" Key.

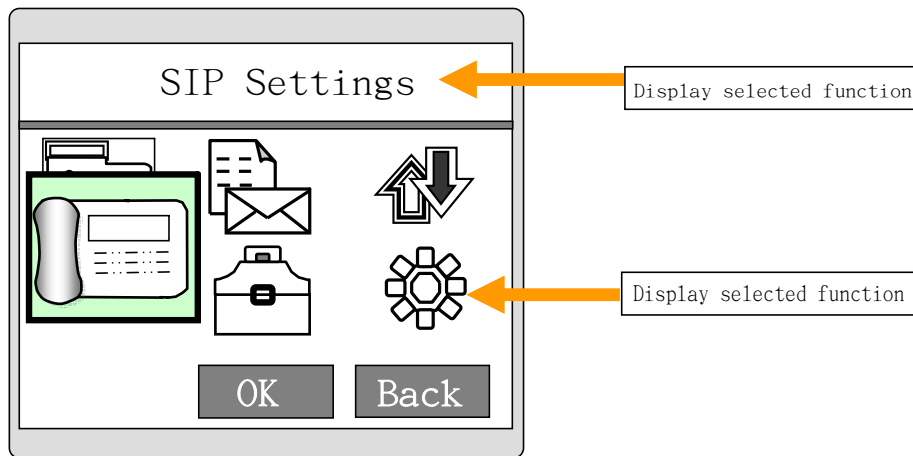
The "Dialed Calls" "Received Calls" "Calls Missed" data will be completely deleted.

After deleting a record, the screen will return to the "Call History" menu.

4 SIP Settings

4 SIP Settings

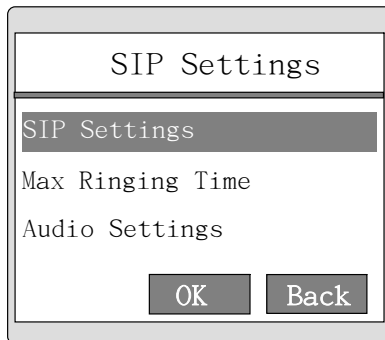
Select "SIP Settings" from the main menu. (The main menu icon below will be displayed).



Menu	Description
SIP Settings	Setting the SIP information
Max Ringing time	Max Ringing Time
Audio Settings	CODEC setting
DTMF Signaling	Dual Tone Multi-Frequency Signaling Settings

4 SIP Settings

4.1 SIP Settings

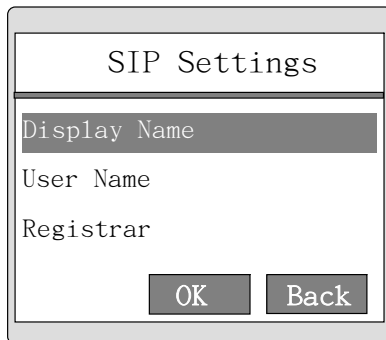


Select "SIP Settings" in the "Menu".

Menu	Description
Display Name	SIP Display Name settings
User Name	SIP User Name setting
Registrar	Specify IP address of phone to register to SIP server
Registrar Port	Specify port number of SIP server
Registrar Status	Enable/Disable Server Registration
Passwords	SIP Authentication Password Settings
Subscription time	Subscription time setting
Registration time	Registration time setting
SIP Local Host	Set IP address and domain name of local host (phone)
SIP Call time Ind	Enable/Disable SIP Call Time connection time counter
STUN Server	Specify STUN server address
STUN ON/OFF	Turn ON/OFF STUN client

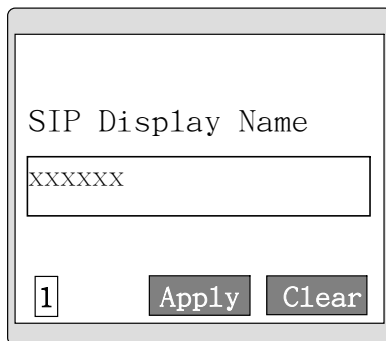
4 SIP Settings

4.1.1 Display Name



The screenshot shows a menu titled "SIP Settings". It contains three options: "Display Name", "User Name", and "Registrar". The "Display Name" option is highlighted with a dark background. At the bottom of the menu are two buttons: "OK" and "Back".

Select "Display Name" in the "SIP Settings" menu.



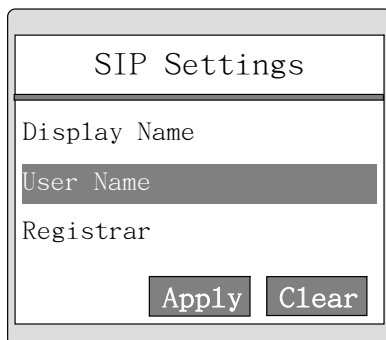
The screenshot shows a screen titled "SIP Display Name". It features a text input field containing "xxxxxxx". Below the input field is a small square icon with the number "1". At the bottom are two buttons: "Apply" and "Clear".

The screen on the left will be displayed after "OK" key is pressed.
(It will show "xxxxxxx" when entering.)

Press the left softkey key to change the editing mode if needed.

Press "Apply" to go back to the "SIP Settings" menu.

4.1.2 User Name



The screenshot shows a menu titled "SIP Settings". It contains three options: "Display Name", "User Name", and "Registrar". The "User Name" option is highlighted with a dark background. At the bottom of the menu are two buttons: "Apply" and "Clear".

Select "User Name" in the "SIP Settings" menu.



The screenshot shows a screen titled "SIP Username". It features a text input field containing "xxxxxxx". Below the input field is a small square icon with the number "1". At the bottom are two buttons: "Apply" and "Clear".

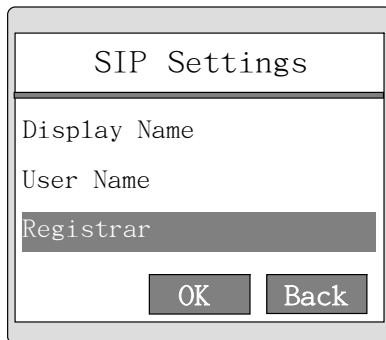
The screen on the left will be displayed after "OK" key is pressed.
Enter SIP phone username (internal number).

Press the left softkey to change the input mode if needed.

Press "Apply" to go back to the "SIP Settings" menu.

4 SIP Settings

4.1.3 Registrar



SIP Settings

Display Name

User Name

Registrar

OK Back

Select "Registrar" in the "SIP Settings" menu.



SIP Registrar

xxx.xxx.xxx.xxx

1 Apply Clear

The screen on the left will be displayed after "OK" key is pressed.
Enter the IP Address to register to the SIP Server.

Please enter the SIP Registrar Address following the
"xxx.xxx.xxx.xxx" format.

Press the left softkey to change the input mode if needed.
Press "Apply" to return to the "SIP Settings" menu.

4.1.4 Registrar Port



SIP Registrar Port

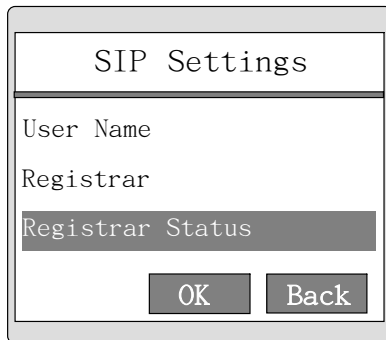
xxxx

1 Apply Clear

Please enter the port number of SIP server.
The default setting is 5060
Press " Apply" to sure.

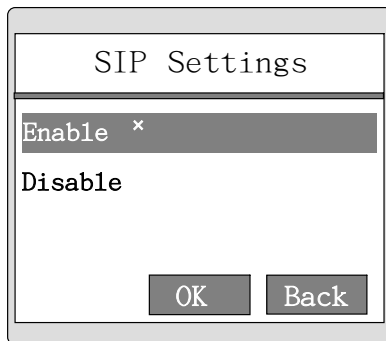
4 SIP Settings

4.1.5 Registrar Status



A screenshot of a mobile phone's SIP Settings menu. The title 'SIP Settings' is at the top. Below it are three options: 'User Name', 'Registrar', and 'Registrar Status'. 'Registrar Status' is highlighted with a dark background. At the bottom are two buttons: 'OK' and 'Back'.

Select "Registrar Status" in the "SIP Settings" menu.



A screenshot of a mobile phone's SIP Settings menu after selecting 'Registrar Status'. The title 'SIP Settings' is at the top. Below it are two options: 'Enable' (with a small 'x' icon) and 'Disable'. 'Enable' is highlighted with a dark background. At the bottom are two buttons: 'OK' and 'Back'.

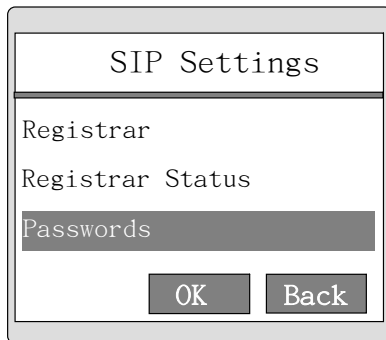
The screen on the left will be displayed after "OK" key is pressed. Enable/Disable the SIP Registration.

Set up connection from SIP server:

When enabled, the phone will register to the SIP server as soon as it is connected to the WLAN.

4 SIP Settings

4.1.6 Passwords



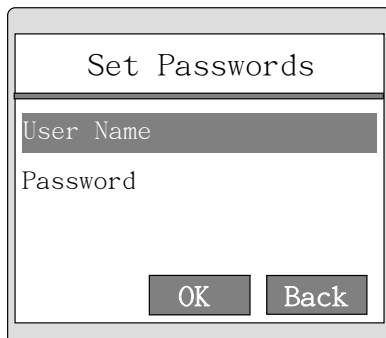
A screenshot of the 'SIP Settings' menu. The title 'SIP Settings' is at the top. Below it are three menu items: 'Registrar', 'Registrar Status', and 'Passwords'. The 'Passwords' item is highlighted with a dark background. At the bottom are two buttons: 'OK' and 'Back'.

Used to set the information for SIP authentication.



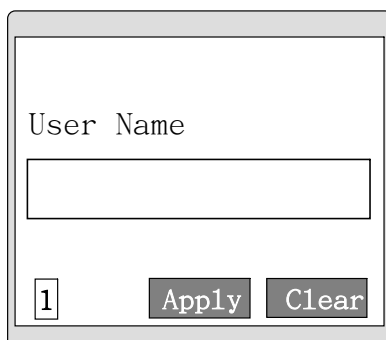
A screenshot of the 'Set Passwords' menu. The title 'Set Passwords' is at the top. Below it is a large empty rectangular area for input. At the bottom are two buttons: 'OK' and 'Back'.

Press "OK" key.



A screenshot of the 'Set Passwords' menu with the 'User Name' and 'Password' fields visible. The title 'Set Passwords' is at the top. Below it are two input fields: 'User Name' and 'Password'. The 'User Name' field is highlighted with a dark background. At the bottom are two buttons: 'OK' and 'Back'.

Select "User Name" press "OK" key.



A screenshot of the 'User Name' input screen. The title 'User Name' is at the top. Below it is a large empty rectangular area for input. At the bottom are three buttons: '1' (a small square button), 'Apply', and 'Clear'.

Assign the same user name used for the SIP server authentication.

Using internal numbers only: Enter internal number
Connect to SIP server and use external numbers: Enter external number

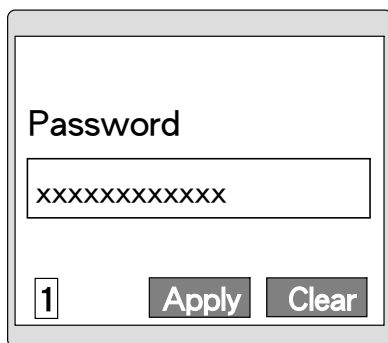
Press "Apply" after having entered the username.
Press the left softkey to change the input mode if needed.

4 SIP Settings



A dialog box titled "Set Passwords". It contains two input fields: "User Name" and "Password". The "Password" field is currently selected and highlighted. At the bottom right, there are two buttons: "OK" and "Back".

Select "Password" and press "OK" key.



A dialog box titled "Password". It contains a single input field with the text "xxxxxxxxxxxx" inside. At the bottom left, there is a small box containing the number "1". At the bottom right, there are two buttons: "Apply" and "Clear".

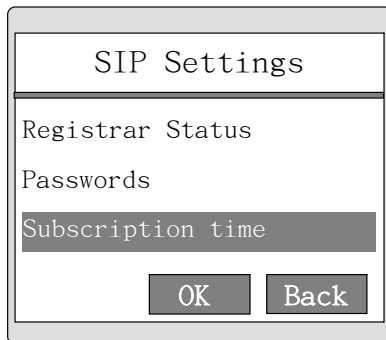
Enter the password needed for SIP login authentication.
Press "Apply" after entering the password.

Be sure to enter the same password used for SIP Server login.

Press the left softkey to change the input mode if needed.

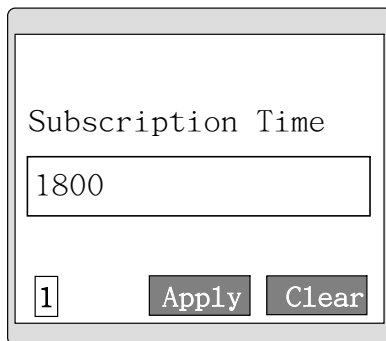
4 SIP Settings

4.1.7 Subscription time



A screenshot of the 'SIP Settings' menu. The menu has a title bar 'SIP Settings' and a list of options: 'Registrar Status', 'Passwords', and 'Subscription time'. The 'Subscription time' option is highlighted with a dark background. At the bottom of the menu are two buttons: 'OK' and 'Back'.

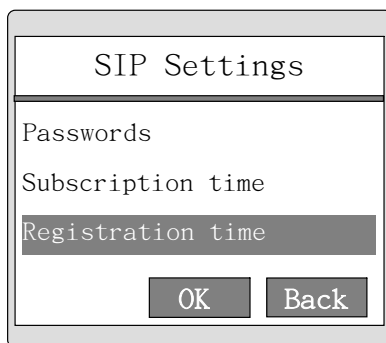
Select "Subscription time" in the "SIP Settings" menu.



A screenshot of the 'Subscription Time' dialog box. It has a title bar 'Subscription Time' and a text input field containing the value '1800'. Below the input field is a small square button with the number '1'. At the bottom of the dialog are two buttons: 'Apply' and 'Clear'.

Assign the subscription time.

4.1.8 Registration time



A screenshot of the 'SIP Settings' menu. The menu has a title bar 'SIP Settings' and a list of options: 'Passwords', 'Subscription time', and 'Registration time'. The 'Registration time' option is highlighted with a dark background. At the bottom of the menu are two buttons: 'OK' and 'Back'.

Select "Registration time" in the "SIP Settings" menu.



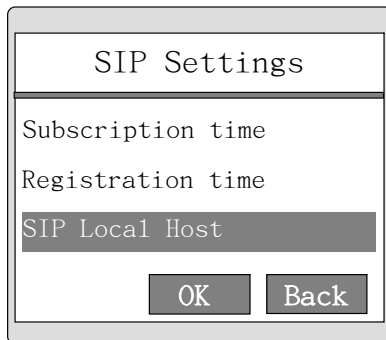
A screenshot of the 'Registration Time' dialog box. It has a title bar 'Registration Time' and a text input field containing the value '3600'. Below the input field is a small square button with the number '1'. At the bottom of the dialog are two buttons: 'Apply' and 'Clear'.

Assign the Registration time

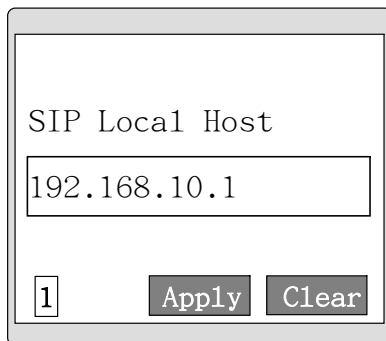
Press "Apply" to save.

4 SIP Settings

4.1.9 SIP Local Host



Select "SIP Local Host" in the "SIP Settings" menu.



Set the SIP Local Host address.

Enter SIP Local Host address following the "xxx.xxx.xxx.xxx" format.

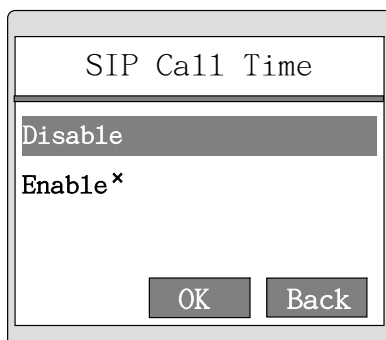
Press "Apply" to save.

Press the left softkey to change the input mode if needed.

4.1.10 SIP CallTime Ind



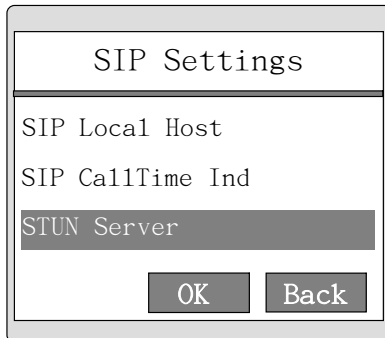
Select "SIP Local Host" in the "SIP Settings" menu.



Select enable or disable the SIP server connection counter.
If this option is enabled, the call time will be displayed each time a call is terminated.

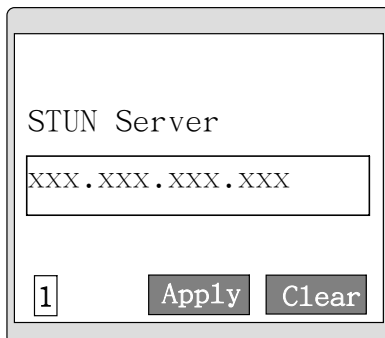
4 SIP Settings

4.1.11 STUN Server



A screenshot of a mobile device screen showing the "SIP Settings" menu. The menu items are "SIP Local Host", "SIP CallTime Ind", and "STUN Server". The "STUN Server" item is highlighted with a dark background. At the bottom of the screen are two buttons: "OK" and "Back".

Select " STUN Server " in the "SIP Settings" menu.



A screenshot of a mobile device screen showing the "STUN Server" configuration screen. It features a text input field containing the placeholder text "xxx.xxx.xxx.xxx". Below the input field are three elements: a small square icon with the number "1", an "Apply" button, and a "Clear" button.

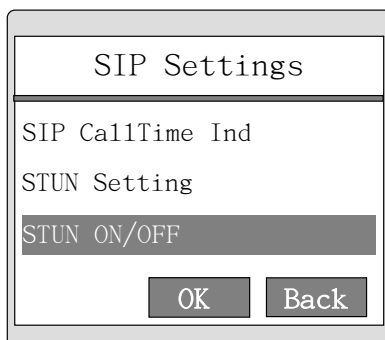
Set the STUN Server.

Enter the STUN server address.

Press "OK" to Sure.

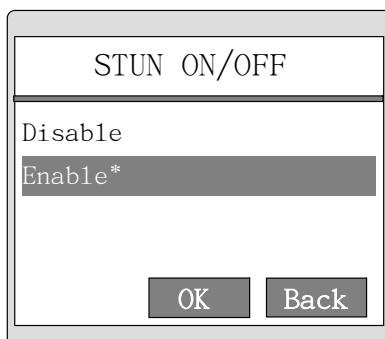
Press the left softkey to change the input mode if needed.

4.1.12 STUN ON/OFF



A screenshot of a mobile device screen showing the "SIP Settings" menu. The menu items are "SIP CallTime Ind", "STUN Setting", and "STUN ON/OFF". The "STUN ON/OFF" item is highlighted with a dark background. At the bottom of the screen are two buttons: "OK" and "Back".

Select "STUN ON/OFF "in the "SIP Settings" menu.

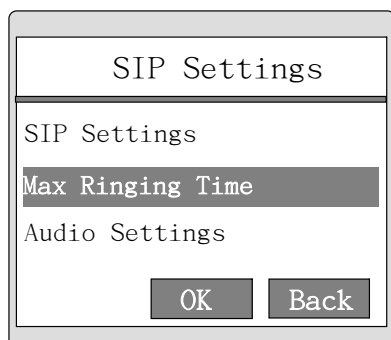


A screenshot of a mobile device screen showing the "STUN ON/OFF" configuration screen. It features two radio button options: "Disable" and "Enable*". The "Enable*" option is selected and highlighted with a dark background. At the bottom of the screen are two buttons: "OK" and "Back".

Select item "Enable" to turn on STUN client.
Select item "Disable"to turn off STUN client.
Press "OK" to sure.

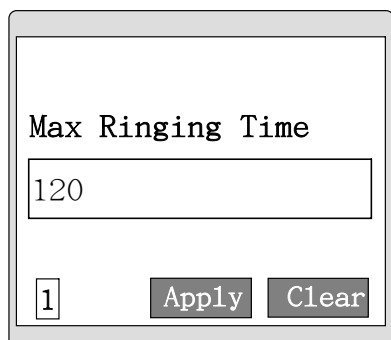
4 SIP Settings

4.2 Max Ringing Time



A screenshot of a menu titled "SIP Settings". The menu contains two options: "SIP Settings" and "Audio Settings". The "SIP Settings" option is highlighted with a dark background. At the bottom of the menu, there are two buttons: "OK" and "Back".

Select "Max Ringing Time" in the "SIP Settings" menu.



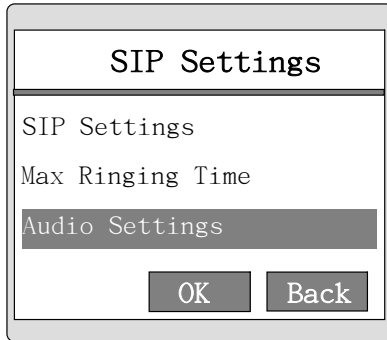
A screenshot of a screen titled "Max Ringing Time". It features a text input field containing the number "120". Below the input field, there is a small box containing the number "1" and two buttons: "Apply" and "Clear".

Assign the maximum call time.
Usually this is set to 120secs.

Press "Apply" to return to the "Call Settings" menu.

4 SIP Settings

4.3 Audio Settings



SIP Settings

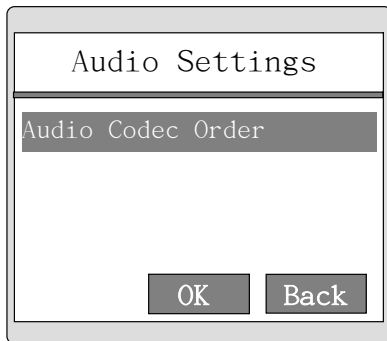
SIP Settings

Max Ringing Time

Audio Settings

OK Back

Select "Audio Settings" in the "SIP Settings" menu.

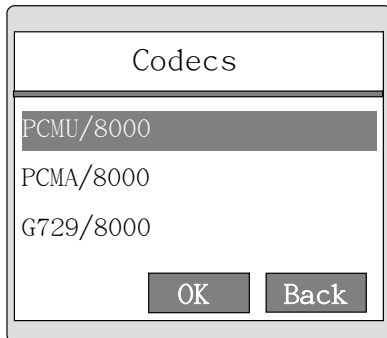


Audio Settings

Audio Codec Order

OK Back

Press "Apply" to save.



Codecs

PCMU/8000

PCMA/8000

G729/8000

OK Back

Select the CODEC settings for transmission

Select one of the following:

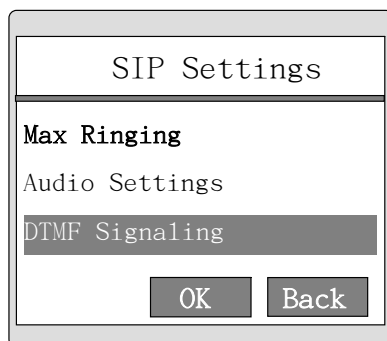
PCMU/8000

PCMA/8000

G729/8000

4 SIP Settings

4.4 DTMF Signaling



SIP Settings

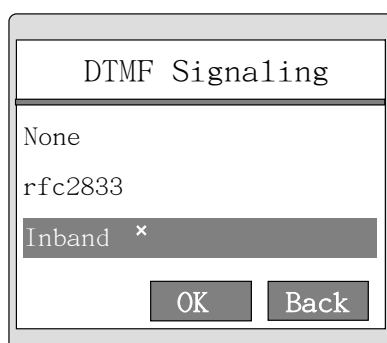
Max Ringing

Audio Settings

DTMF Signaling

OK Back

Select "DTMF Signaling" in the "SIP Settings" menu.



DTMF Signaling

None

rfc2833

Inband x

OK Back

Setting the transmission method of DTMF signals.

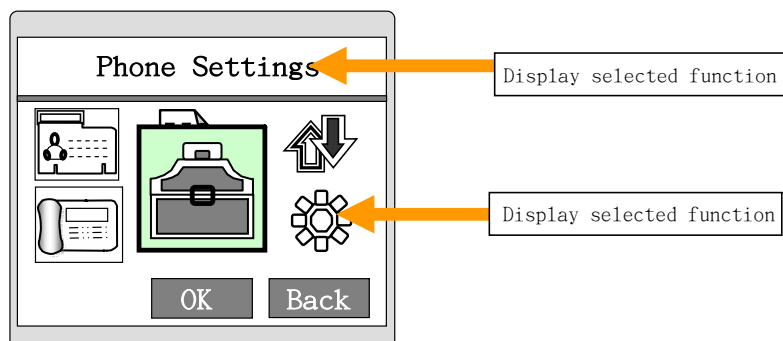
Please select from the following 3 options:

None
rfc2833
Inband

5 Phone Settings

5 Phone Settings

For user related settings, please select "Phone settings" in the menu.

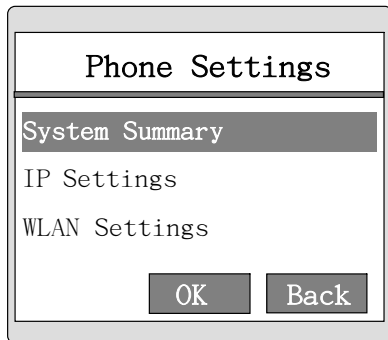


Menu	Description
System Summary	Display information about this product.
IP Settings	Set Network related parameters.
WLAN Settings	Set WLAN related parameters.
Power Saving	Set the power-saving mode.
FTP Settings	Vendor-reserved function. Do not use.
USB Settings	Vendor-reserved function. Do not use.
Clock Settins	Set the date and time.
Utilities	Vendor-reserved function. Do not use.
Profile	Set the Ring Tones or speaker volume, keypad password lock.
Reset Default	Set Default parameter.

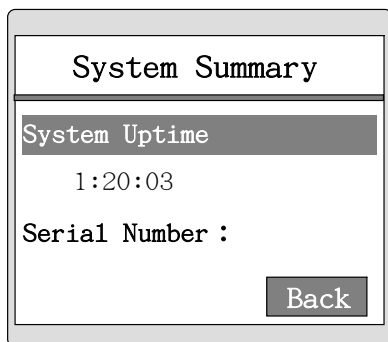
5 Phone Settings

5.1 Display System Summary

Display information about this product, such as version information.



Select "System Summary" in the "Phone Settings" menu.



Display phone information.

The display items are as follows.

Use the navigator to select the item to be displayed.

System Uptime: Elapsed time since power-on.

Serial Number: Phone serial number

Memory Free: Remaining memory capacity in phone

MMI Version: MMI Application

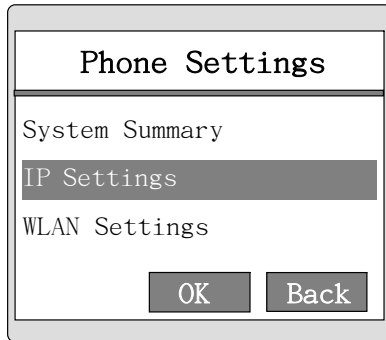
BSP Version: BSP version

MAC Version: MAC version

Bootrom Ver.: Bootrom version

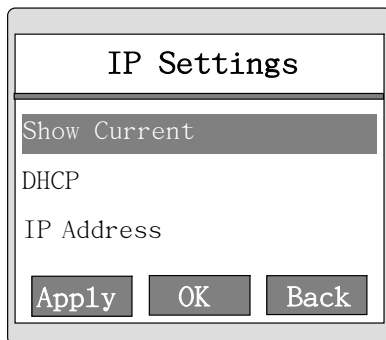
5 Phone Settings

5.2 IP Settings



A screenshot of the 'Phone Settings' menu. The title 'Phone Settings' is at the top. Below it are three options: 'System Summary', 'IP Settings' (which is highlighted with a dark background), and 'WLAN Settings'. At the bottom are two buttons: 'OK' and 'Back'.

Select "IP Settings" in the "Phone Settings" menu.



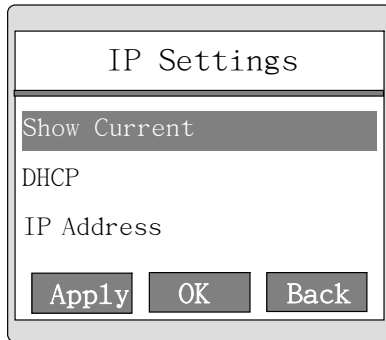
A screenshot of the 'IP Settings' menu. The title 'IP Settings' is at the top. Below it are three options: 'Show Current' (highlighted), 'DHCP', and 'IP Address'. At the bottom are three buttons: 'Apply', 'OK', and 'Back'.

The screen on the left will be displayed after pressing select

Menu	Description
Show Current	Display Current Settings
DHCP	Enable/ Disable DHCP
IP Address	Phone IP Address Setting
Subnet Mask	Subnet Mask Setting
Default Gateway	Default Gateway Setting
DNS Server Pri	Primary DNS Server
DNS Server Sec	Secondary DNS Server
TOS Settings	Unsupported function. Do not use.

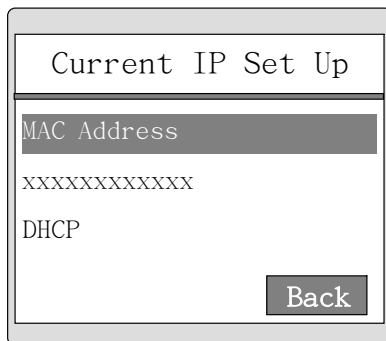
5 Phone Settings

5.2.1 Show Current



A screenshot of the 'IP Settings' menu. The title 'IP Settings' is at the top. Below it is a list with 'Show Current' highlighted in grey. Other items in the list are 'DHCP' and 'IP Address'. At the bottom are three buttons: 'Apply', 'OK', and 'Back'.

Select "Show Current" in the "IP Settings" Menu.



A screenshot of the 'Current IP Set Up' screen. The title 'Current IP Set Up' is at the top. Below it is a list with 'MAC Address' highlighted in grey. Other items in the list are 'xxxxxxxxxxxxx' and 'DHCP'. At the bottom right is a 'Back' button.

Select "Show Current" in the "IP Settings" menu.
The current IP Settings details listed below will be displayed.
Use the navigator to scroll to the item to be displayed.

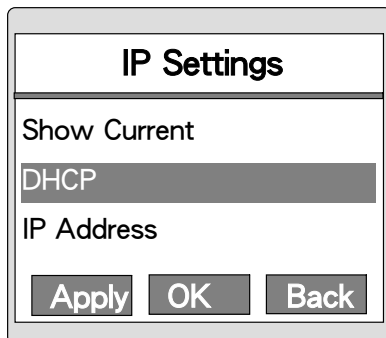
MAC Address: Phone MAC Address
DHCP: DHCP Client Status (Enabled/Disabled)
IP Address: Phone IP Address*
Subnet mask: Phone Subnet Mask*
Default Gateway: Phone Default Gateway*

*When DHCP is enabled, the values assigned by the DHCP server will be displayed.
When DHCP is disabled, the current IP settings will be displayed.

5 Phone Settings

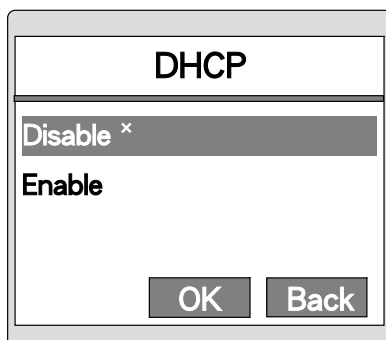
5.2.2 DHCP Settings

When this function is enabled, the phone IP Address, default gateway and other settings, will be assigned automatically by a DHCP server. In the 「IP Settings」 menu, select "DHCP".



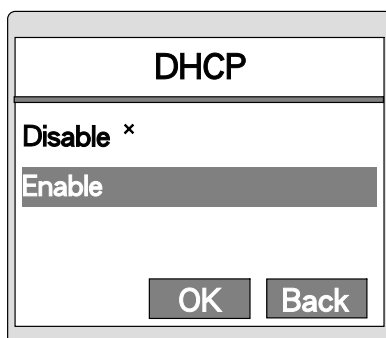
The screen displays the title "IP Settings". Below the title is a section labeled "Show Current" containing a list with "DHCP" selected. Underneath is the label "IP Address" followed by three buttons: "Apply", "OK", and "Back".

Pressing "OK" key will display the screen on the left.



The screen displays the title "DHCP". Below the title is a list with "Disable" selected and a small "x" icon to its right. Below the list is the label "Enable". At the bottom are two buttons: "OK" and "Back".

This screen indicates that the current status is disabled.

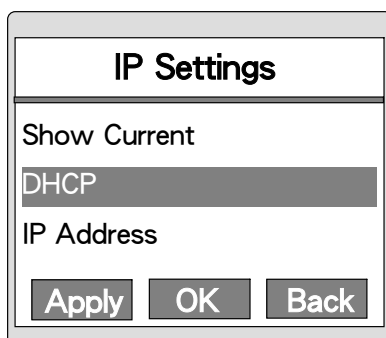


The screen displays the title "DHCP". Below the title is a list with "Disable" selected and a small "x" icon to its right. Below the list is the label "Enable" which is highlighted with a dark background. At the bottom are two buttons: "OK" and "Back".

To enable the DHCP .

Use the navigator to scroll to "Enable" option and press "OK" key.

To enable the DHCP, please ensure the DHCP server is enabled on the Access Point.



The screen displays the title "IP Settings". Below the title is a section labeled "Show Current" containing a list with "DHCP" selected. Underneath is the label "IP Address" followed by three buttons: "Apply", "OK", and "Back".

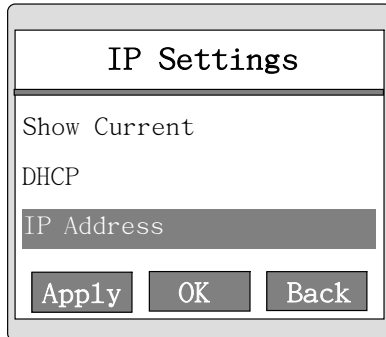
On the "IP Settings" menu, press the left softkey to save the settings.

If the word "Apply" does not appear after pressing "Apply" (left softkey), the entered data will not be saved.

5 Phone Settings

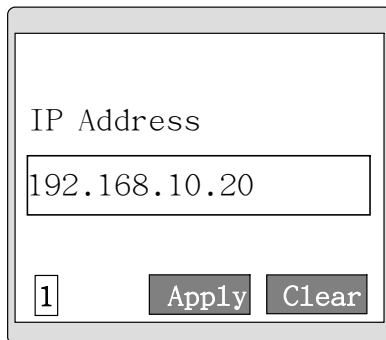
5.2.3 IP Address

In section 4.2.1, the DHCP option must be enabled, but it does not need to be enabled in this section. When the DHCP function is disabled, follow the following steps to configure the IP address. The IP can be a value within the Access Point's subnet.



The screenshot shows a menu titled "IP Settings". Below the title, there are three options: "Show Current", "DHCP", and "IP Address". The "IP Address" option is highlighted with a dark background. At the bottom of the menu, there are three buttons: "Apply", "OK", and "Back".

Select "IP Address" in the "IP Settings" menu.

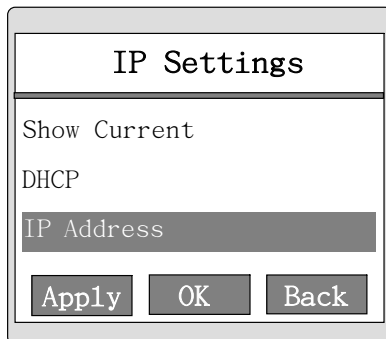


The screenshot shows a prompt titled "IP Address". Below the title, there is a text input field containing the IP address "192.168.10.20". At the bottom of the prompt, there is a small box containing the number "1", followed by two buttons: "Apply" and "Clear".

The IP Address prompt will appear.

Please follow the "xxx.xxx.xxx.xxx" format to enter the IP address.

After entering the IP Address, press "OK" key and return to the "IP Settings" menu.



The screenshot shows the "IP Settings" menu again. The "IP Address" option is still highlighted. At the bottom, the "Apply" button is now visible, along with "OK" and "Back" buttons.

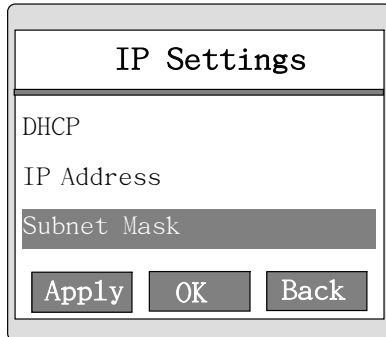
On the "IP Settings" menu, press the left softkey to save the settings.

If the word "Apply" does not appear after pressing "Apply" (left softkey), the entered data will not be saved.

5 Phone Settings

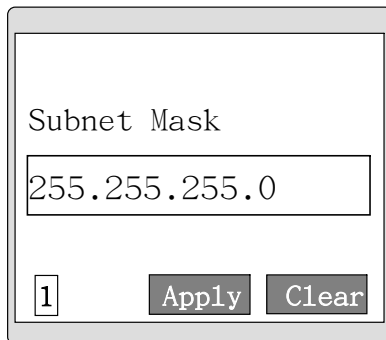
5.2.4 Subnet Mask Settings

In 4.2.1 DHCP Settings, the DHCP option must be enabled, but it does not need to be enabled in this section. When the DHCP function is disabled, follow the following steps to configure the Subnet Mask. Ensure the IP address of phone and the IP of access point are in the same subnet network.



The screenshot shows a menu titled "IP Settings". Below the title, there is a section for "DHCP". Under "DHCP", there are two options: "IP Address" and "Subnet Mask". The "Subnet Mask" option is currently selected and highlighted. At the bottom of the menu, there are three buttons: "Apply", "OK", and "Back".

Select "Subnet Mask" in the "IP Settings" Menu.

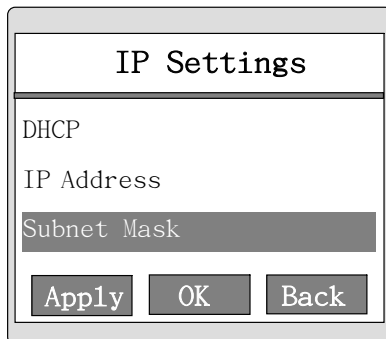


The screenshot shows a screen titled "Subnet Mask". Below the title, there is a text input field containing the value "255.255.255.0". Below the input field, there are three buttons: a numeric keypad button (labeled "1"), an "Apply" button, and a "Clear" button.

The Subnet mask prompt will appear.

Enter the subnet mask following the "xxx.xxx.xxx.xxx" format.

After entering the IP Address, press "OK" key and return to the "IP Settings" menu



The screenshot shows a menu titled "IP Settings". Below the title, there is a section for "DHCP". Under "DHCP", there are two options: "IP Address" and "Subnet Mask". The "Subnet Mask" option is currently selected and highlighted. At the bottom of the menu, there are three buttons: "Apply", "OK", and "Back".

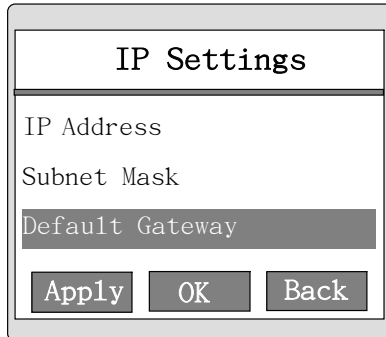
On the "IP Settings" menu, press the left softkey to save the settings.

If the word "Apply" does not appear after pressing "Apply" (left softkey), the entered data will not be saved.

5 Phone Settings

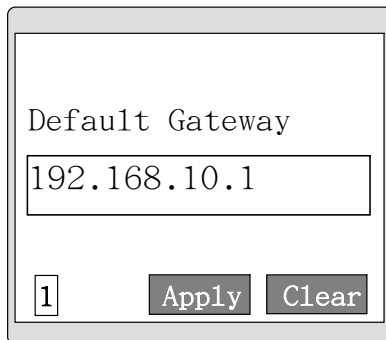
5.2.5 Default Gateway Settings

In section 4.2.1, the DHCP option must be enabled, but it does not need to be enabled in this section. When the DHCP function is disabled, follow the following steps to configure the Default Gateway.



The screenshot shows a menu titled "IP Settings". It contains three labels: "IP Address", "Subnet Mask", and "Default Gateway". The "Default Gateway" label is highlighted with a grey background. At the bottom of the menu are three buttons: "Apply", "OK", and "Back".

Select "Default Gateway" in the "IP Settings" Menu.

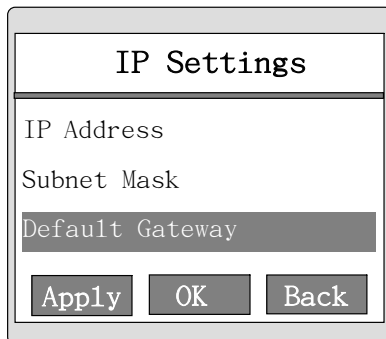


The screenshot shows a prompt titled "Default Gateway". It contains a text input field with the value "192.168.10.1". Below the input field is a small box containing the number "1". At the bottom of the prompt are two buttons: "Apply" and "Clear".

The default Gateway prompt will appear.

Enter the subnet mask following the "xxx.xxx.xxx.xxx" format.

After entering the IP Address, press "OK" key and return to the "IP Settings" menu.



The screenshot shows the "IP Settings" menu again. The "Default Gateway" label is still highlighted. The "Apply" button now appears, indicating that the settings have been saved.

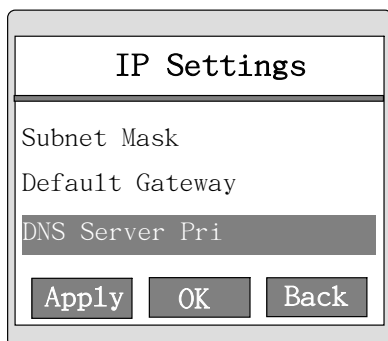
On the "IP Settings" menu, press the left softkey to save the settings.

If the word "Apply" does not appear after pressing "Apply" (left softkey), the entered data will not be saved.

5 Phone Settings

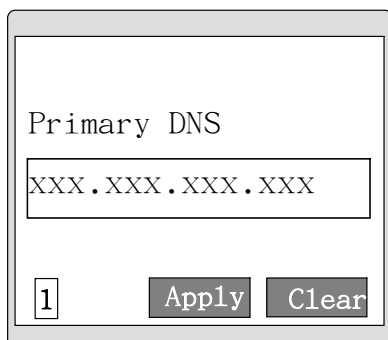
5.2.6 DNS Server Pri

The SIP registrar server and the Local Host (SIP proxy server) could be set in domain name. So, the SS28 need to resolve the domain names into IP address while operation. And, this is to set the IP address of the DNS (Domain Name Service) Server. There are two DNS servers could be set, primary and secondary. The SS28 will consult the primary DNS server first, and then the secondary one if there's no response from the primary one, to resolve the domain name into IP address.



The screenshot shows a window titled "IP Settings". Inside, there are three labels: "Subnet Mask", "Default Gateway", and "DNS Server Pri". The "DNS Server Pri" label is highlighted with a grey background. At the bottom, there are three buttons: "Apply", "OK", and "Back".

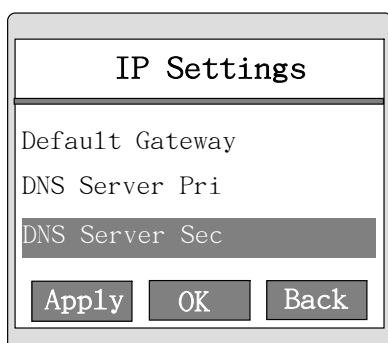
Select "DNS Server Pri" in the "IP Settings" Menu.



The screenshot shows a window for setting the "Primary DNS". It has a text input field containing "XXX.XXX.XXX.XXX". Below the field is a small box with the number "1". At the bottom, there are two buttons: "Apply" and "Clear".

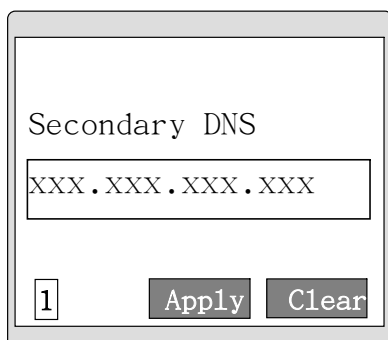
Please keep in the IP address of the primary DNS Server.

5.2.7 DNS Server Sec



The screenshot shows a window titled "IP Settings". Inside, there are three labels: "Default Gateway", "DNS Server Pri", and "DNS Server Sec". The "DNS Server Sec" label is highlighted with a grey background. At the bottom, there are three buttons: "Apply", "OK", and "Back".

Select "DNS Server Sec" in the "IP Settings" Menu.

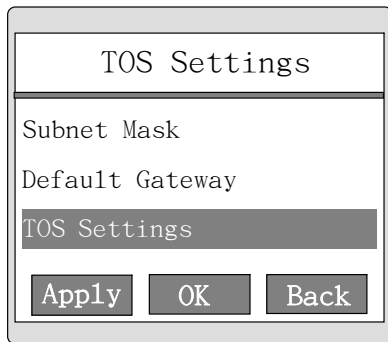


The screenshot shows a window for setting the "Secondary DNS". It has a text input field containing "XXX.XXX.XXX.XXX". Below the field is a small box with the number "1". At the bottom, there are two buttons: "Apply" and "Clear".

Please keep in the IP address of the secondary DNS Server.

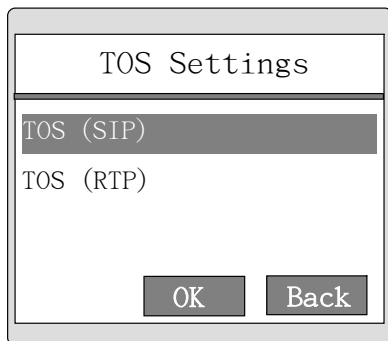
5 Phone Settings

5.2.8 TOS Settings



A screenshot of a web-based configuration interface. At the top, there is a title bar labeled "TOS Settings". Below this, the interface lists three items: "Subnet Mask", "Default Gateway", and "TOS Settings". The "TOS Settings" item is highlighted with a dark grey background. At the bottom of the menu, there are three buttons: "Apply", "OK", and "Back".

Select "TOS Settings" in the "IP Settings" Menu.



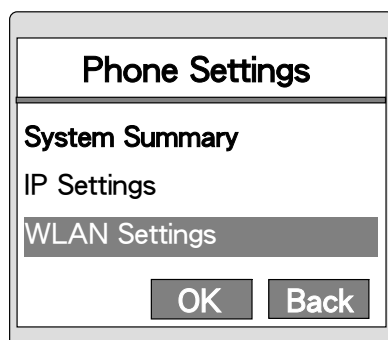
A screenshot of a web-based configuration interface. At the top, there is a title bar labeled "TOS Settings". Below this, the interface lists two items: "TOS (SIP)" and "TOS (RTP)". The "TOS (SIP)" item is highlighted with a dark grey background. At the bottom of the menu, there are two buttons: "OK" and "Back".

TOS (SIP): IP/Type of Service setting for QoS of SIP signaling

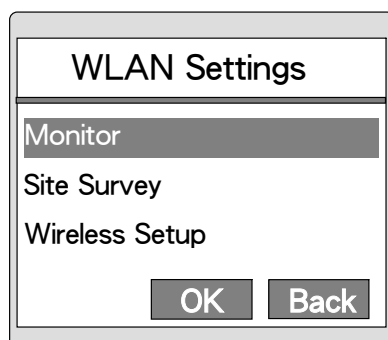
TOS (RTP): IP/Type of Service setting for QoS of RTP streams

5 Phone Settings

5.3 WLAN Settings



Select "WLAN Settings" in the "Phone Settings" menu.



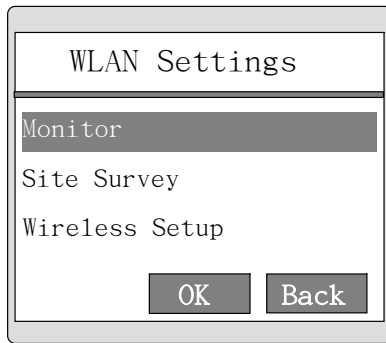
The screen on the left will be displayed after pressing "Apply".

Menu	Description
Monitor	Display WLAN status information
Site Survey	Search for Access point
Wireless Setup	WLAN SSID settings
Security Settings	WLAN security settings
TX Rate	WLAN transmission rate settings

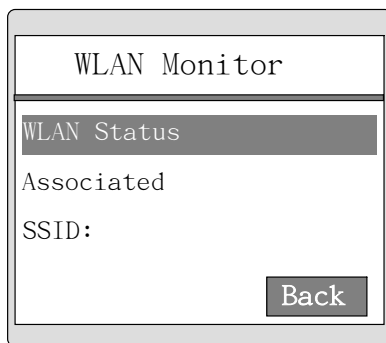
5 Phone Settings

5.3.1 Monitor

This is used to display the WLAN SSID and used channel number.



Select "Monitor" in the "WLAN Settings".



Select "Monitor" in the "WLAN Settings".

The screen on the left will be displayed after pressing "OK" key.

The WLAN Settings will be displayed.

The details displayed are as follows:

WLAN Status: WLAN Status (Scanning/Associated)

SSID: Displays the Extended Service Set Identifier (ESSID)

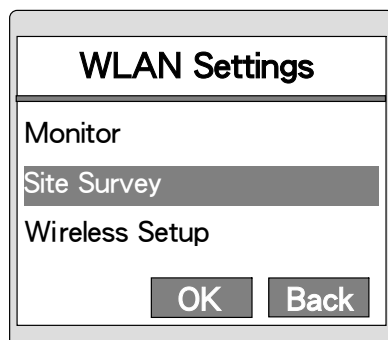
BSSID: Displays the Basic Service Set Identifier (BSSID)

Channel : x (Number)

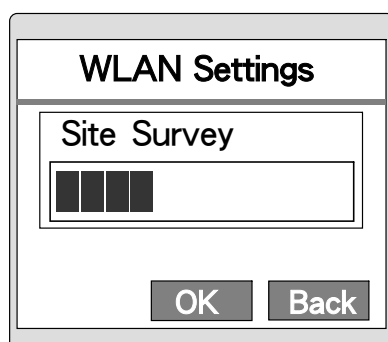
Mode : Infrastructure

5 Phone Settings

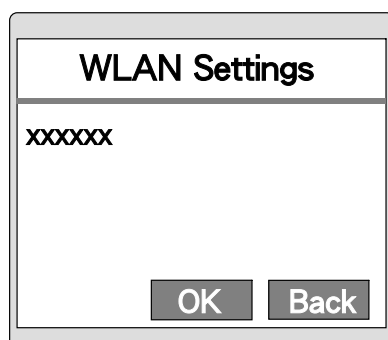
5.3.2 Site Survey



Select "Site Survey" in the "WLAN Settings" menu.



The screen on the left indicates the phone is searching for an Access Point.



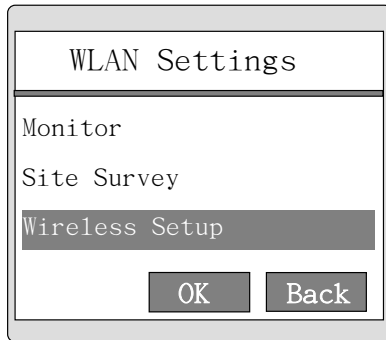
The search results are displayed.

5 Phone Settings

5.3.3 Wireless Setup

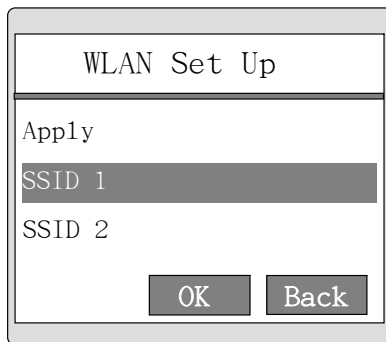
Set the WLAN SSID. Please use the same SSID as the Access Point.

Please specify the access point name for SSID 2 ~ SSID 5.



The image shows a menu titled "WLAN Settings". It contains three options: "Monitor", "Site Survey", and "Wireless Setup". The "Wireless Setup" option is highlighted with a dark background. At the bottom of the menu are two buttons: "OK" and "Back".

Select "Wireless Setup" in the "WLAN Settings" menu.



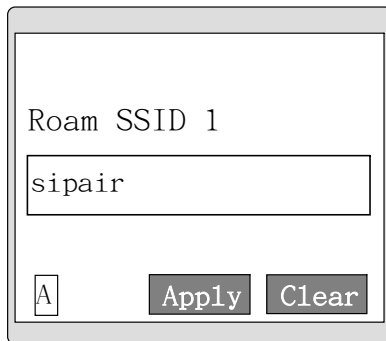
The image shows a menu titled "WLAN Set Up". It contains three options: "Apply", "SSID 1", and "SSID 2". The "SSID 1" option is highlighted with a dark background. At the bottom of the menu are two buttons: "OK" and "Back".

The screen on the left will be displayed after pressing "OK" key.

Select "SSID1" in the "WLAN Set up" menu.

Up to 5 SSID (network name) entries can be specified.

Pressing the "V" on the navigator will display SSID2 – SSID5.
Scroll to one of the options and press "OK" key.

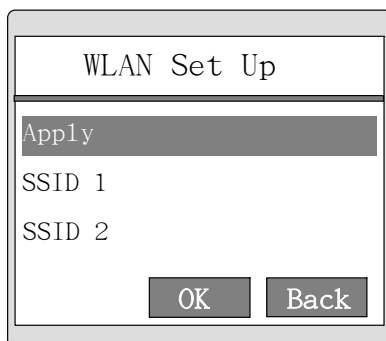


The image shows a screen titled "Roam SSID 1". It features a text input field containing the text "sipair". Below the input field is a small square icon with the letter "A". At the bottom of the screen are three buttons: "Apply" and "Clear".

The screen on the left will be displayed after pressing "OK" key.
The default value for SSID1 is displayed as "sipair".

Press the left softkey to switch the input mode if needed.

Press "Apply" to return to the "WLAN Setup" menu.



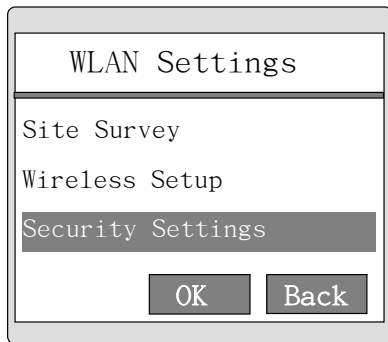
The image shows a menu titled "WLAN Set Up". It contains three options: "Apply", "SSID 1", and "SSID 2". The "Apply" option is highlighted with a dark background. At the bottom of the menu are two buttons: "OK" and "Back".

Select the "Apply" option in the "WLAN Setup" menu to save the current settings.

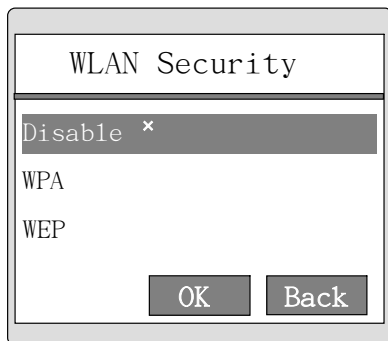
If the word "saving..." does not appear after pressing "Apply" (left softkey), the entered data will not be saved.

5 Phone Settings

5.3.4 Security Settings



Select "Security Setting" in the "WLAN Settings" menu.



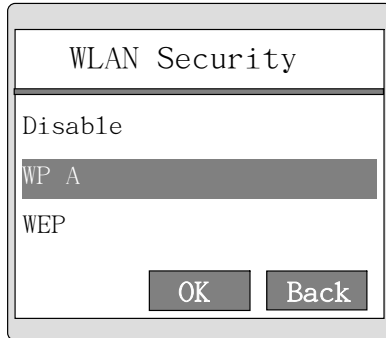
The screen on the left will be displayed after pressing "OK" key.

Menu	Description
Disable	Disable Security
WPA	WPA password settings
WEP	WEP Key settings

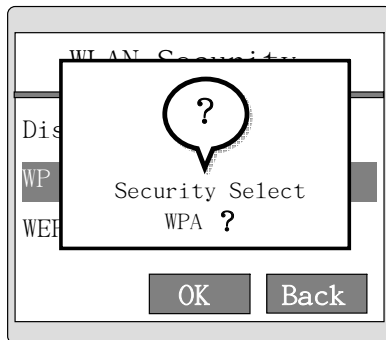
5 Phone Settings

5.3.4.1 WPA Settings

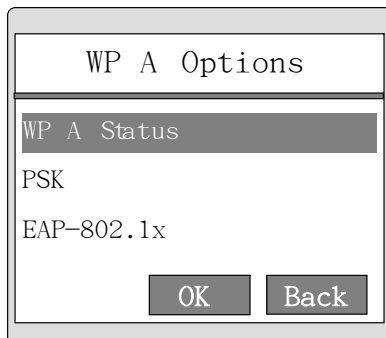
(1) WPA Status



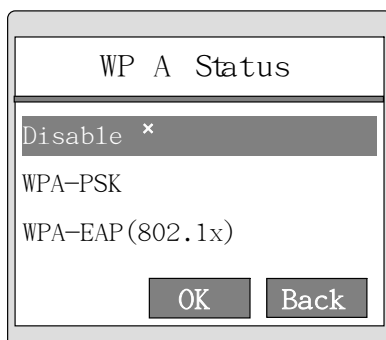
Select "WPA" in the "WLAN Security" menu.



To modify the "WPA" settings, press "OK" key.
To cancel, press "Back" (right softkey).



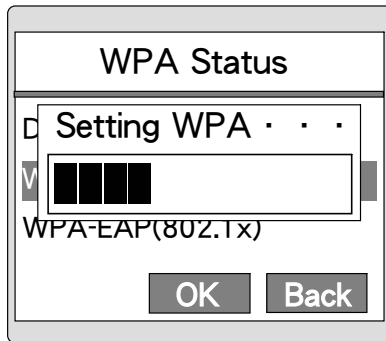
Select "WPA Status" in the "WPA Options" menu.



The screen on the left will be displayed after pressing "OK" key.
"Disable "This screen indicates that the current WPA status is disabled.

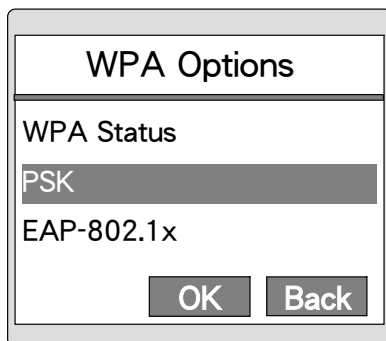
Use the navigator to scroll to "WPA-PSK" and press "OK" key.

5 Phone Settings

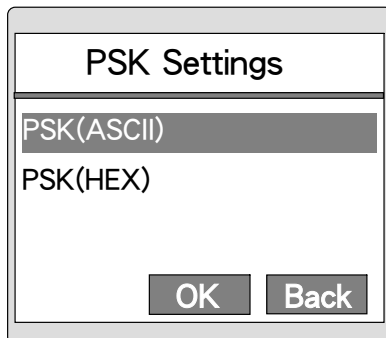


After displaying the screen on the left, the phone will return to the "WPA Options" menu.

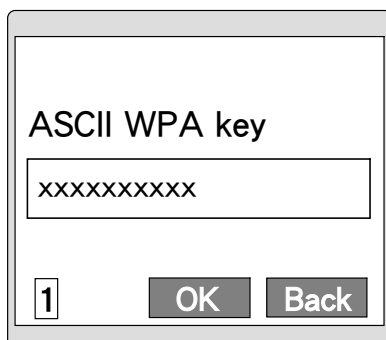
(2) PSK (Pre Shared Key)



Select "PSK" in the "WPA Options" menu
(EAP-802.1x is currently unsupported. Do not select this option)



Select Key Type.



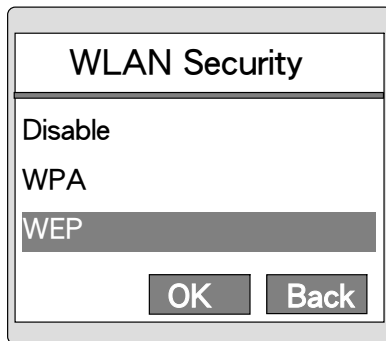
The screen on the left will be displayed after pressing "OK" key.

(When the ASCII key format is selected)

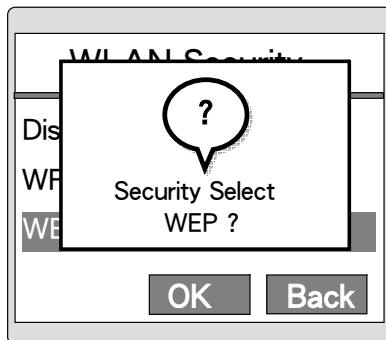
Press the left shortcut key to change the editing mode.

5 Phone Settings

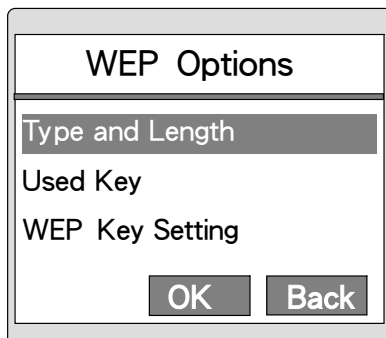
5.3.4.2 WEP Settings



Select "WEP" in the "WLAN Security" menu.



To modify the "WEP" settings, press "OK" key.
To cancel, press "Back" (right softkey).

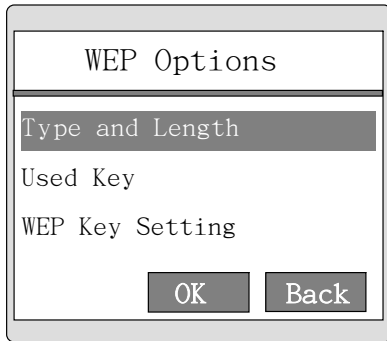


The screen on the left will be displayed after pressing "OK" key.

Menu	Description
Type and Length	Set key type (HEX/ASCII) & key length (64/128bits)
Used Key	Select key type
WEP Key String	WEP key settings

5 Phone Settings

(1) Type and Length (WEP key type and key length)



WEP Options

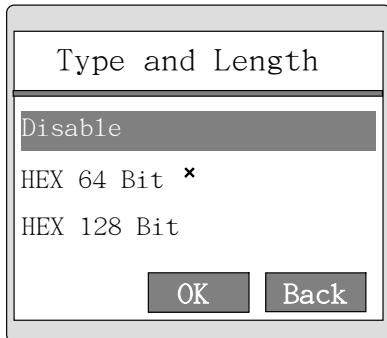
Type and Length

Used Key

WEP Key Setting

OK Back

The screen on the left will be displayed after pressing "OK" key.



Type and Length

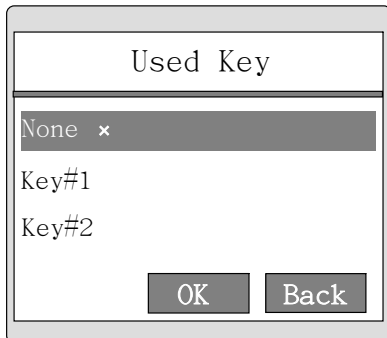
Disable

HEX 64 Bit *

HEX 128 Bit

OK Back

Assign the WEP key type and key length.
Please select one of the following options:
Disable
HEX 64 bit
HEX 128 bit
ASCII 64 bit
ASCII 128 bit



Used Key

None *

Key#1

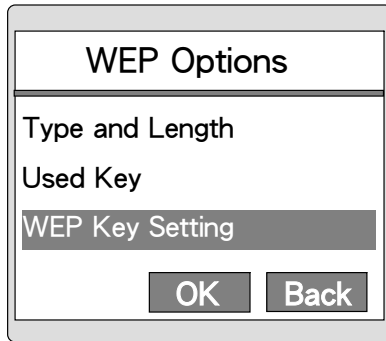
Key#2

OK Back

After setting the key type and key length,
select the key to be used in the "WEP Key Setting" option.

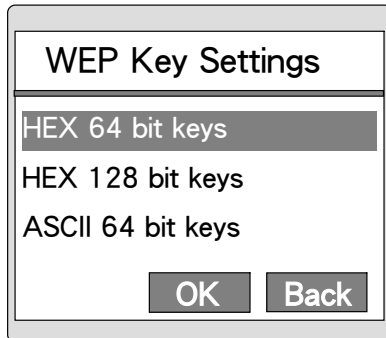
5 Phone Settings

(2) WEP Key Setting



A screen titled "WEP Options" with a list containing "Type and Length", "Used Key", and "WEP Key Setting". The "WEP Key Setting" option is highlighted. At the bottom are "OK" and "Back" buttons.

Select "WEP Key Setting" in the "WEP Options" menu.

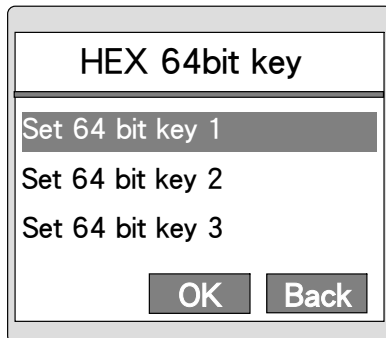


A screen titled "WEP Key Settings" with a list containing "HEX 64 bit keys", "HEX 128 bit keys", and "ASCII 64 bit keys". The "HEX 64 bit keys" option is highlighted. At the bottom are "OK" and "Back" buttons.

The screen on the left will be displayed after pressing "OK" key.

Set the WEP key format.

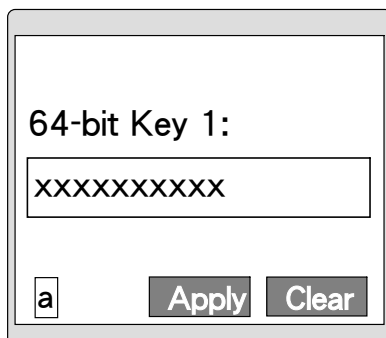
Select the same key type/length combination previously selected in the "Type and Length" option.



A screen titled "HEX 64bit key" with a list containing "Set 64 bit key 1", "Set 64 bit key 2", and "Set 64 bit key 3". The "Set 64 bit key 1" option is highlighted. At the bottom are "OK" and "Back" buttons.

The screen on the left will be displayed after pressing "OK" key.
(Example: Select HEX 64 bit key)

You can specify up to 4 keys.



A screen titled "64-bit Key 1:" with a text input field containing "XXXXXXXXXX". Below the input field is a small box with the letter "a". At the bottom are "Apply" and "Clear" buttons.

After selecting the key number to be used, the screen on the left will be displayed. (Example: Select 64bit Key#1).

Enter key code.

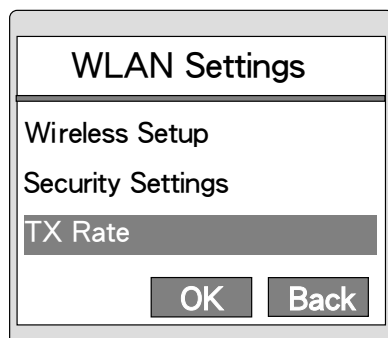
Press the left shortcut key to change the editing mode.

After having entered the key code, select the key number to be used in the "Used Key" section.

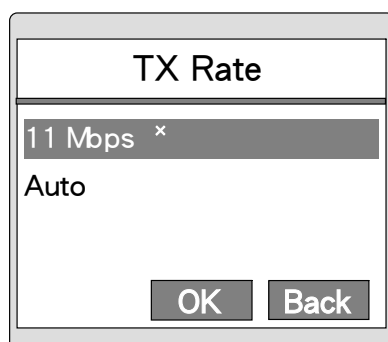
5 Phone Settings

5.3.5 TX Rate Settings

Used to set the Wireless Network transmission rate.



Select "TX Rate" in the "WLAN Settings" menu.



After selecting the key number to be used, the screen on the left will be displayed.

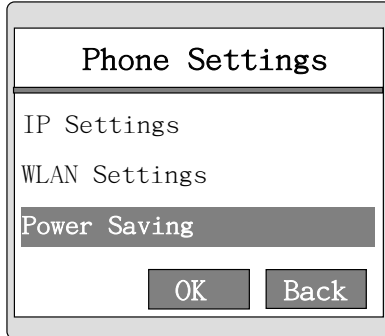
11Mbps is the current setting.

11Mbps is recommended.

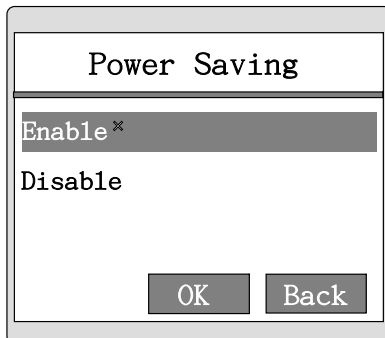
5 Phone Settings

5.4 Power Saving

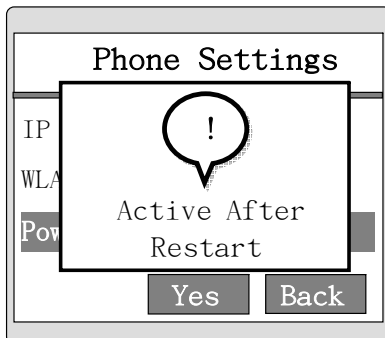
5.4.1 Selecting from the "Phone Settings" menu



Select "Power Saving" in the "Phone Settings" menu.



Use the navigator to enable or disable this function.



To return to the Network Settings menu, press "Back" (right softkey).

The message on the right will be displayed after pressing "Yes" key. (Please refer to the memo below) .



Regarding the Power Saving function

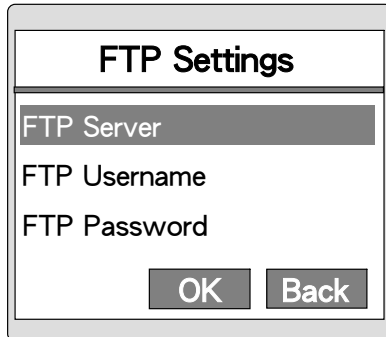
When changes have been made to the Power-Save mode, please restart the phone so the changes become effective.

5 Phone Settings

5.5 FTP Settings

5.5.1 FTP Server

Set IP address of FTP server.



FTP Settings

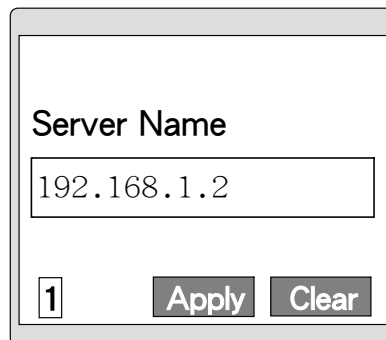
FTP Server

FTP Username

FTP Password

OK Back

Select "FTP Server" in the "FTP Settings".



Server Name

192.168.1.2

1 Apply Clear

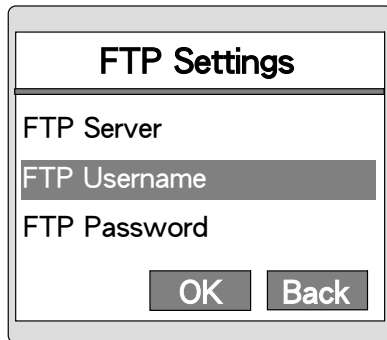
Press "Apply" after entered the server name.

Press the left softkey to change the input mode if needed.

5 Phone Settings

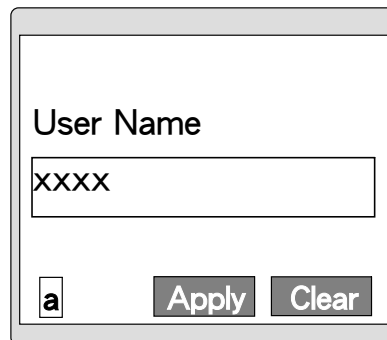
5.5.2 FTP Username

Set user name. (When login FTP server need an account, including a user name and a password.)



The screenshot shows a menu titled "FTP Settings". Inside the menu, there are three options: "FTP Server", "FTP Username", and "FTP Password". The "FTP Username" option is highlighted with a dark background. At the bottom of the menu, there are two buttons: "OK" and "Back".

Select "FTP Username" in the "FTP Settings".



The screenshot shows a screen titled "User Name". Below the title is a text input field containing the text "XXXX". At the bottom left of the screen is a small square icon with the letter "a" inside. To the right of this icon are two buttons: "Apply" and "Clear".

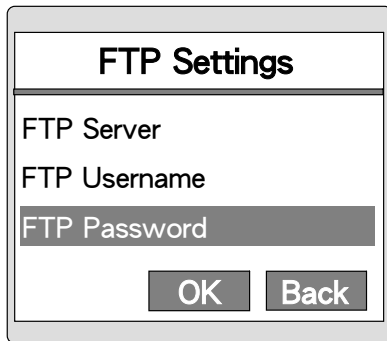
Press "Apply" after entered the user name.

Press the left softkey to change the input mode if needed.

5 Phone Settings

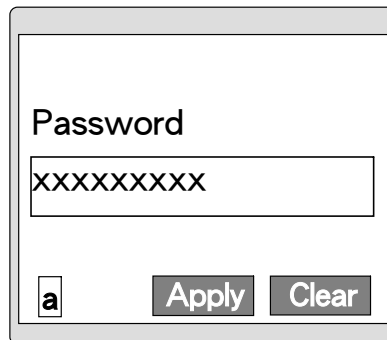
5.5.3 FTP Password

Set password. (When login FTP server need an account, including a user name and a password.)



The screenshot shows a dialog box titled "FTP Settings". Inside the dialog, there are three labels: "FTP Server", "FTP Username", and "FTP Password". The "FTP Password" label is positioned above a text input field. At the bottom of the dialog, there are two buttons: "OK" and "Back".

Select "FTP Password" in the "FTP Settings".



The screenshot shows a dialog box titled "Password". Inside the dialog, there is a text input field containing the text "xxxxxxxxxx". At the bottom left of the dialog, there is a small square icon with the letter "a" inside. To the right of this icon are two buttons: "Apply" and "Clear".

Press "Apply" after entered the password.

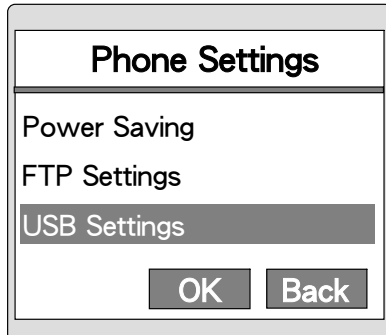
Press the left softkey to change the input mode if needed.

5 Phone Settings

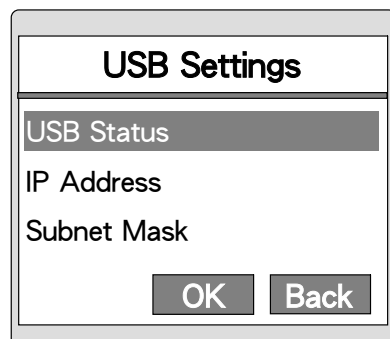
5.6 USB Settings

5.6.1 USB Status

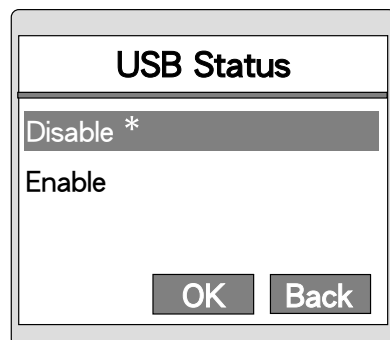
Setting USB interface's status.



Select "USB Settings" in the "Phone Settings".



Select "USB Status" in the "USB Settings".

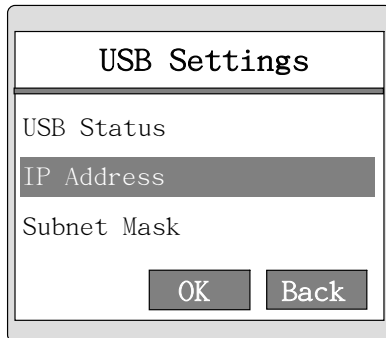


Select "Disable" and press "OK" to set the status.

5 Phone Settings

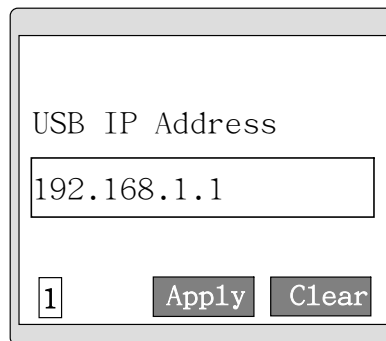
5.6.2 IP Address

Setting IP address of USB interface.



A dialog box titled "USB Settings". It contains a list of options: "USB Status", "IP Address" (which is highlighted with a dark background), and "Subnet Mask". At the bottom right, there are two buttons: "OK" and "Back".

Select "IP Address" in the "USB Settings".



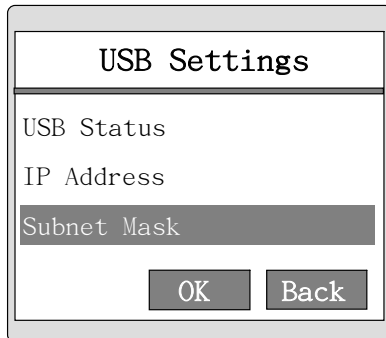
A dialog box titled "USB IP Address". It features a text input field containing the IP address "192.168.1.1". Below the input field, there is a small box containing the number "1" and two buttons: "Apply" and "Clear".

Press "Apply" after entered the IP address.

5 SIP Settings

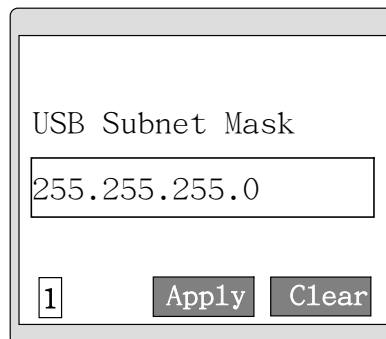
5.6.3 Subnet Mask

Setting subnet mask of USB interface.



The image shows a dialog box titled "USB Settings". Inside the dialog, there are three labels: "USB Status", "IP Address", and "Subnet Mask". The "Subnet Mask" label is highlighted with a dark grey background. At the bottom of the dialog, there are two buttons: "OK" and "Back".

Select "Subnet Mask" in the "USB Settings".



The image shows a dialog box titled "USB Subnet Mask". Inside the dialog, there is a text input field containing the value "255.255.255.0". At the bottom left of the dialog, there is a small square button with the number "1". To the right of this button are two buttons: "Apply" and "Clear".

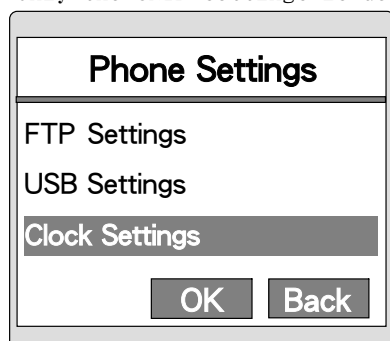
Press "Apply" after entered the Subnet Mask.

5 Phone Settings

5.7 Clock Settings

Please refer to 2.4 Clock Settings on how to set the time and date.

Only the SNTP settings is described in this section.

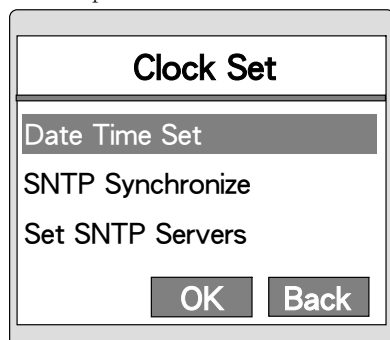


A screenshot of the 'Phone Settings' menu. The title 'Phone Settings' is at the top. Below it are three options: 'FTP Settings', 'USB Settings', and 'Clock Settings'. 'Clock Settings' is highlighted with a dark background. At the bottom are two buttons: 'OK' and 'Back'.

Select "Clock Settings" in the " Phone Settings" menu.

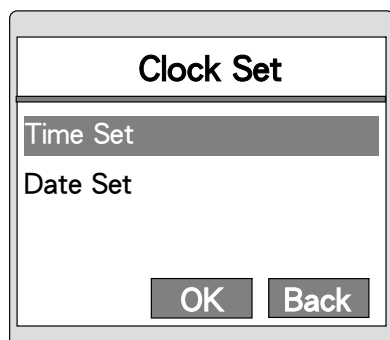
5.7.1 Date Time Set

Setup Date & Time mode.



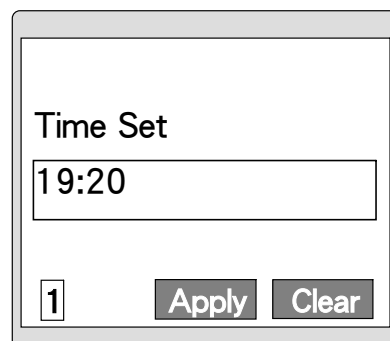
A screenshot of the 'Clock Set' menu. The title 'Clock Set' is at the top. Below it are three options: 'Date Time Set', 'SNTP Synchronize', and 'Set SNTP Servers'. 'Date Time Set' is highlighted with a dark background. At the bottom are two buttons: 'OK' and 'Back'.

Select " Date Time Set" in the "Clock Settings" menu.



A screenshot of the 'Clock Set' menu. The title 'Clock Set' is at the top. Below it are two options: 'Time Set' and 'Date Set'. 'Time Set' is highlighted with a dark background. At the bottom are two buttons: 'OK' and 'Back'.

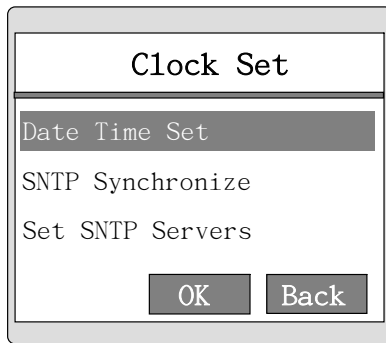
Select "Time Set" to set the hour/ minute.



A screenshot of the 'Time Set' input screen. The title 'Time Set' is at the top. Below it is a text input field containing '19:20'. At the bottom left is a small box containing the number '1'. To the right of the box are two buttons: 'Apply' and 'Clear'.

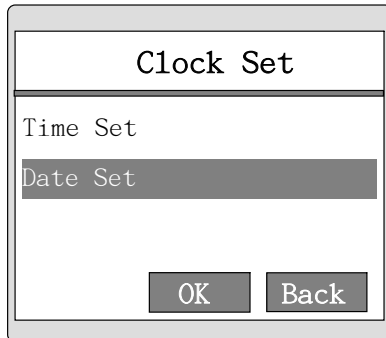
Press "Apply" to set the time.

5 Phone Settings



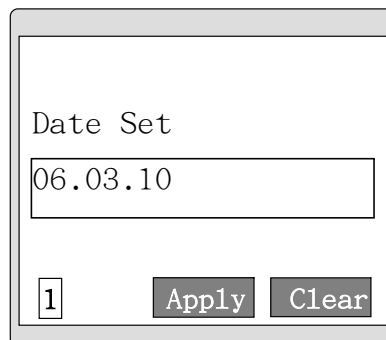
The screenshot shows a menu titled "Clock Set". Below the title, there are three options: "Date Time Set" (which is highlighted with a dark background), "SNTP Synchronize", and "Set SNTP Servers". At the bottom of the menu, there are two buttons: "OK" and "Back".

Select " Date Time Set" in the "Clock Settings" menu.



The screenshot shows a menu titled "Clock Set". Below the title, there are two options: "Time Set" and "Date Set" (which is highlighted with a dark background). At the bottom of the menu, there are two buttons: "OK" and "Back".

Select "Date Set" to set the Year /Month / Day.



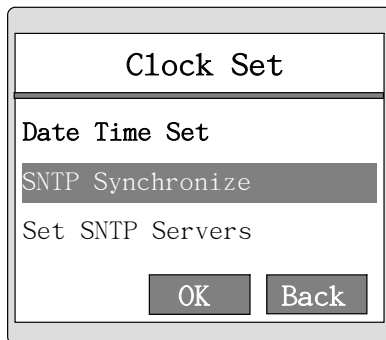
The screenshot shows a screen titled "Date Set". Below the title, there is a text input field containing the date "06.03.10". At the bottom left, there is a small box containing the number "1". To the right of this box are two buttons: "Apply" and "Clear".

Press "Apply" to set the time.

5 Phone Settings

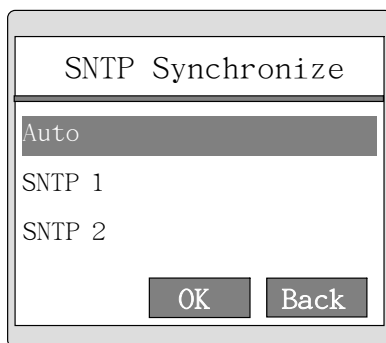
5.7.2 SNTP synchronize

Setup Clock Synchronization mode.



The "Clock Set" menu is displayed. It has a title bar "Clock Set". Below the title bar, there is a section "Date Time Set". Inside this section, "SNTP Synchronize" is highlighted with a dark background. Below this section, the text "Set SNTP Servers" is visible. At the bottom of the menu, there are two buttons: "OK" and "Back".

Select " SNTP Synchronize" in the "Clock Set" menu.



The "SNTP Synchronize" menu is displayed. It has a title bar "SNTP Synchronize". Below the title bar, there is a list of options: "Auto", "SNTP 1", and "SNTP 2". "Auto" is currently selected and highlighted with a dark background. At the bottom of the menu, there are two buttons: "OK" and "Back".

Auto: Follow the order SNTP1 -> SNTP2 to find a synchronization server

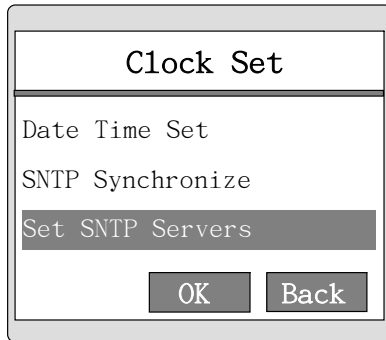
SNTP1: Synchronize using SNTP1

SNTP2: Synchronize using SNTP2

5 Phone Settings

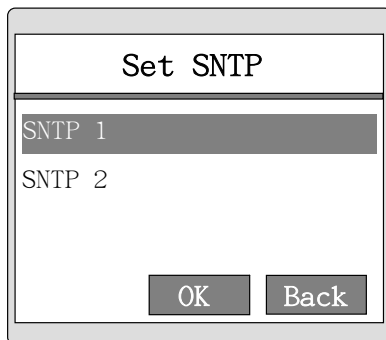
5.7.3 Set SNTP Servers

Used to set the SNTP server address.



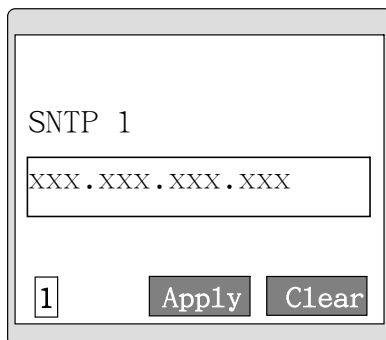
The screenshot shows a menu titled "Clock Set". Below the title, there are three options: "Date Time Set", "SNTP Synchronize", and "Set SNTP Servers". The "Set SNTP Servers" option is highlighted with a dark background. At the bottom of the menu, there are two buttons: "OK" and "Back".

Select "Set SNTP Servers" in the "Clock Set" menu.



The screenshot shows a menu titled "Set SNTP". Below the title, there are two options: "SNTP 1" and "SNTP 2". The "SNTP 1" option is highlighted with a dark background. At the bottom of the menu, there are two buttons: "OK" and "Back".

Select the Server number.



The screenshot shows a configuration screen for "SNTP 1". At the top, it says "SNTP 1". Below that, there is a text input field containing the placeholder text "XXX.XXX.XXX.XXX". At the bottom left, there is a small box containing the number "1". To the right of this box are two buttons: "Apply" and "Clear".

Enter the SNTP server IP address.

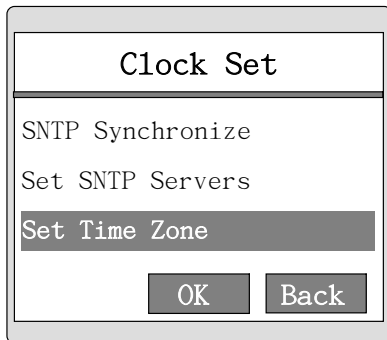
Enter the IP address following the "xxx.xxx.xxx.xxx" format

Press "Apply" to save the current settings.

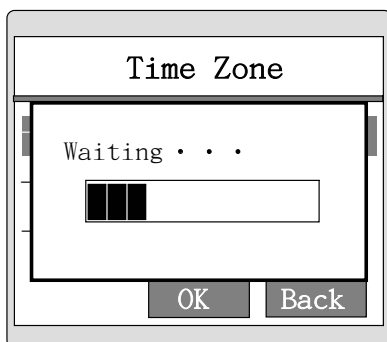
5 Phone Settings

5.7.4 Set Time Zone

Used to select the time zone for clock synchronization.



Select "Set Time zone" in the "Clock Set" menu.



The screen on the left will be displayed after pressing "OK" key.



Use the navigator to select the time zone and press "OK" key.

In the example, the current setting is set to "+9:00 Tokyo"

Press "OK" key to save the current settings and return to the "Clock Settings" menu.

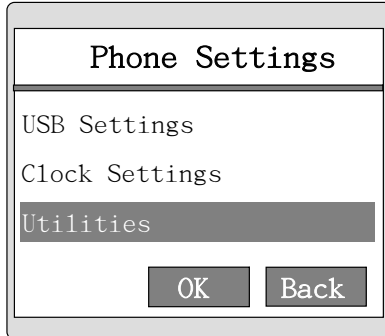
5 Phone Settings

5.8 Utilities

5.8.1 Network

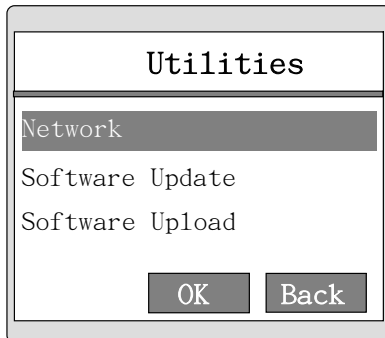
A network utility for checking if a host is alive.

Select "Utilities" in the "Phone Settings".



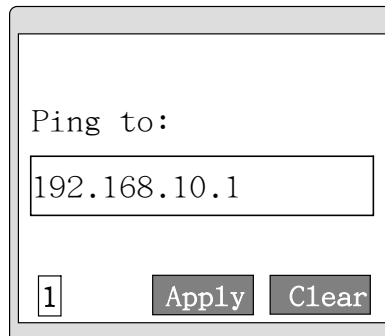
The "Phone Settings" dialog box has a title bar "Phone Settings". Inside, there are three menu items: "USB Settings", "Clock Settings", and "Utilities". The "Utilities" item is highlighted with a dark background. At the bottom right, there are two buttons: "OK" and "Back".

Select "Network" to key in the host.



The "Utilities" dialog box has a title bar "Utilities". Inside, there are three menu items: "Network", "Software Update", and "Software Upload". The "Network" item is highlighted with a dark background. At the bottom right, there are two buttons: "OK" and "Back".

Press "Apply" to set the host.

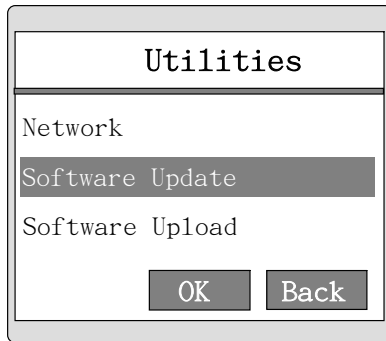


The "Ping" dialog box has a title bar. Inside, it says "Ping to:" followed by a text input field containing "192.168.10.1". Below the input field, there is a small box containing the number "1". At the bottom right, there are two buttons: "Apply" and "Clear".

5 Phone Settings

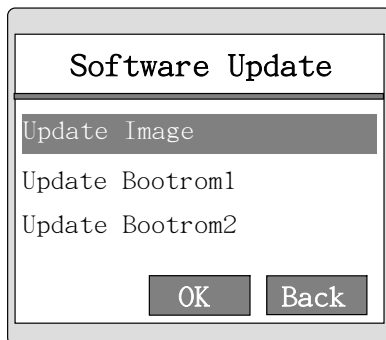
5.8.2 Software Update

Input a file name for updating image file. (Put the image file to flash.)



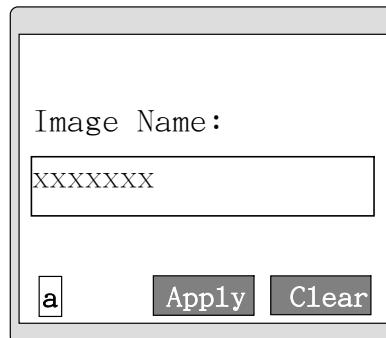
A screenshot of a menu titled "Utilities". It contains three options: "Network", "Software Update" (which is highlighted with a dark background), and "Software Upload". At the bottom, there are two buttons: "OK" and "Back".

Select " Software Update" in the "Utilities".



A screenshot of a menu titled "Software Update". It contains three options: "Update Image" (highlighted), "Update Bootrom1", and "Update Bootrom2". At the bottom, there are two buttons: "OK" and "Back".

Select "Update Image" to key in the image name.

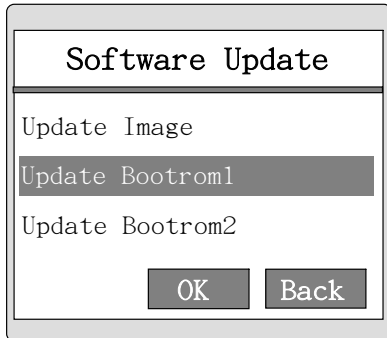


A screenshot of a screen for entering an image name. It has the label "Image Name:" followed by a text input field containing "XXXXXXX". At the bottom left is a small square button with the letter "a", and at the bottom right are two buttons: "Apply" and "Clear".

Press "Apply" key to save.

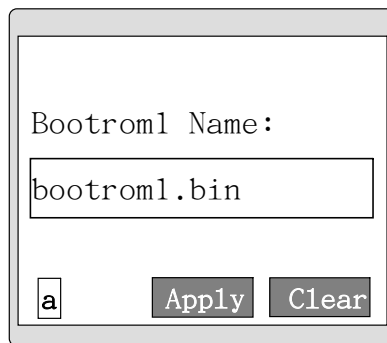
5 Phone Settings

5.8.2.1 Update bootrom



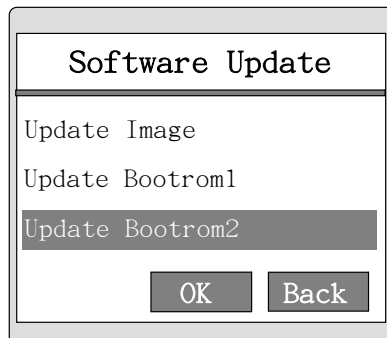
The screen is titled "Software Update". It contains three menu items: "Update Image", "Update Bootrom1" (which is highlighted with a dark background), and "Update Bootrom2". At the bottom, there are two buttons: "OK" and "Back".

Input a file name for updating bootrom1.
(Put the bootrom1 file to flash.)
Select " Update Bootrom1" in the "Software Update".



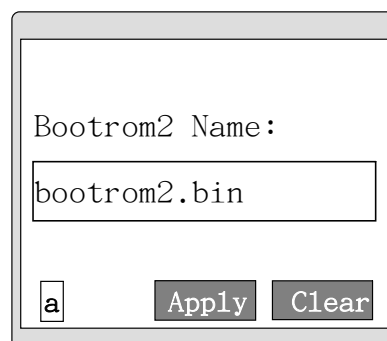
The screen displays "Bootrom1 Name:" followed by a text input field containing "bootrom1.bin". At the bottom left is a small square icon with the letter 'a'. To its right are two buttons: "Apply" and "Clear".

Press "Apply" key after entered the bootrom name.
Press the left softkey to change the input mode if needed.



The screen is titled "Software Update". It contains three menu items: "Update Image", "Update Bootrom1", and "Update Bootrom2" (which is highlighted with a dark background). At the bottom, there are two buttons: "OK" and "Back".

Input a file name for updating bootrom2.
(Bootrom2 is the backup of bootrom1.)
Select " Update Bootrom2" in the "Software Update".



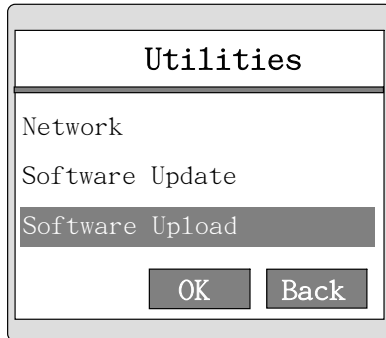
The screen displays "Bootrom2 Name:" followed by a text input field containing "bootrom2.bin". At the bottom left is a small square icon with the letter 'a'. To its right are two buttons: "Apply" and "Clear".

Press "Apply" key after entered the bootrom name.
Press the left softkey to change the input mode if needed.

5 Phone Settings

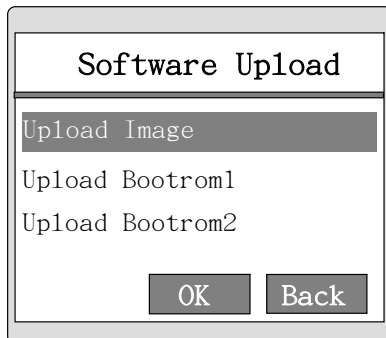
5.8.3 Software Upload

Input a file name for uploading image file. (Get the image file from flash.)



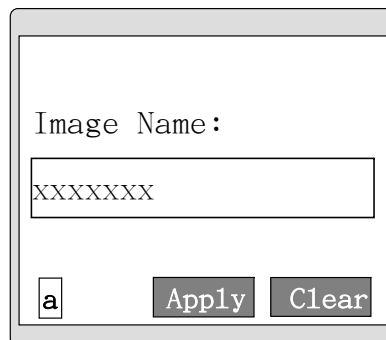
A screenshot of a device's 'Utilities' menu. The title 'Utilities' is at the top. Below it are three options: 'Network', 'Software Update', and 'Software Upload'. 'Software Upload' is highlighted with a dark background. At the bottom are two buttons: 'OK' and 'Back'.

Select "Software Upload" in the "Utilities".



A screenshot of the 'Software Upload' menu. The title 'Software Upload' is at the top. Below it are three options: 'Upload Image', 'Upload Bootrom1', and 'Upload Bootrom2'. 'Upload Image' is highlighted with a dark background. At the bottom are two buttons: 'OK' and 'Back'.

Select "Upload Image" to key in the image name.

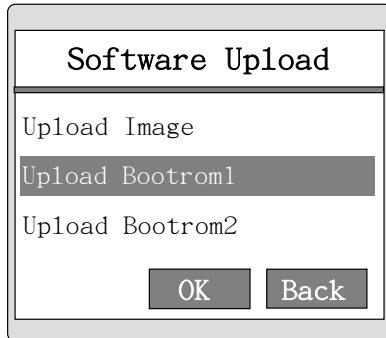


A screenshot of the 'Image Name' input screen. The title 'Image Name:' is at the top. Below it is a text input field containing 'XXXXXXXX'. At the bottom left is a small square button with the letter 'a'. To its right are two buttons: 'Apply' and 'Clear'.

Press "Apply" key to upload.

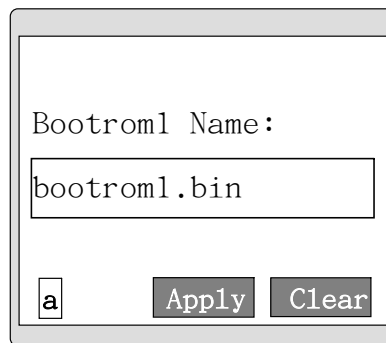
5 Phone Settings

5.8.3.1 Upload image



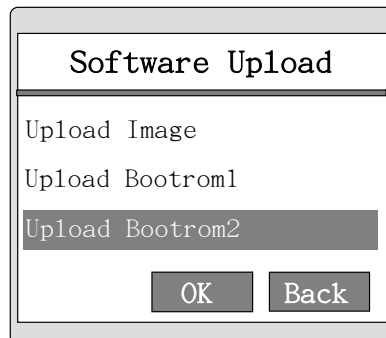
The 'Software Upload' menu has a title bar 'Software Upload'. Below it is a section 'Upload Image' containing three options: 'Upload Bootrom1' (highlighted), 'Upload Bootrom2', and 'OK' and 'Back' buttons at the bottom.

Input a file name for uploading bootrom1.
(Get the bootrom1 file from flash.)
Select " Upload Bootrom1" in the "Software Upload".



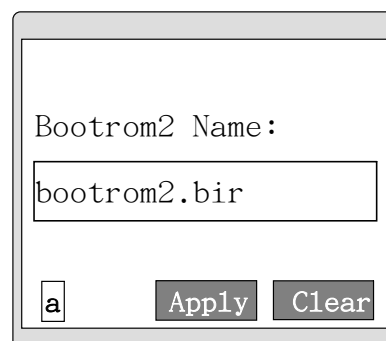
The 'Bootrom1 Name' input screen shows the label 'Bootrom1 Name:' followed by a text box containing 'bootrom1.bin'. At the bottom are a left softkey with 'a', and 'Apply' and 'Clear' buttons.

Press "Apply" key after entered the bootrom name.
Press the left softkey to change the input mode if needed.



The 'Software Upload' menu has a title bar 'Software Upload'. Below it is a section 'Upload Image' containing three options: 'Upload Bootrom1', 'Upload Bootrom2' (highlighted), and 'OK' and 'Back' buttons at the bottom.

Input a file name for uploading bootrom2.
(Get the bootrom2 file from flash.)
Select " Upload Bootrom2" in the "Software Upload".

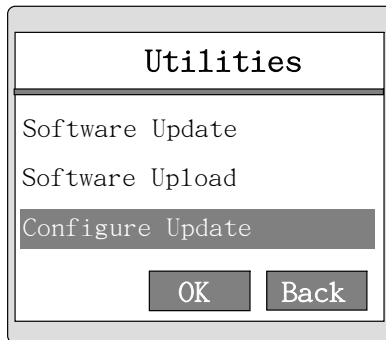


The 'Bootrom2 Name' input screen shows the label 'Bootrom2 Name:' followed by a text box containing 'bootrom2.bir'. At the bottom are a left softkey with 'a', and 'Apply' and 'Clear' buttons.

Press "Apply" key after entered the bootrom name.
Press the left softkey to change the input mode if needed.

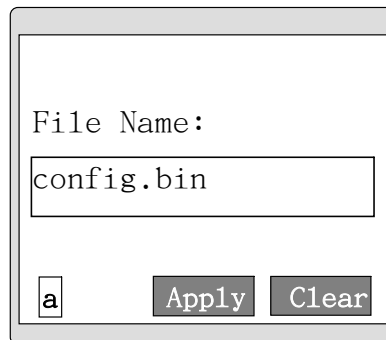
5 Phone Settings

5.8.4 Configure Update



A screenshot of a phone's 'Utilities' menu. The title 'Utilities' is at the top. Below it are three options: 'Software Update', 'Software Upload', and 'Configure Update'. The 'Configure Update' option is highlighted with a dark background. At the bottom are two buttons: 'OK' and 'Back'.

Input a file name for updating configuration.
(Put the configuration data to flash.)
Select "Configure Update" in the "Utilities".

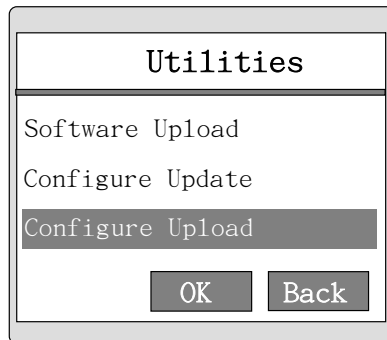


A screenshot of a phone's 'File Name' input screen. The title 'File Name:' is at the top. Below it is a text input field containing 'config.bin'. At the bottom are three elements: a small square icon with the letter 'a', and two buttons: 'Apply' and 'Clear'.

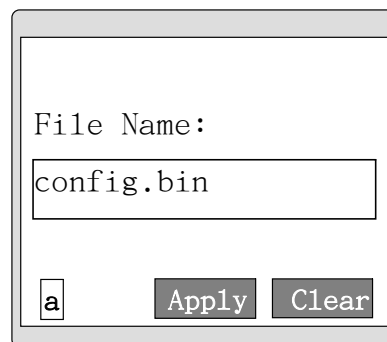
Press "Apply" key after entered the file name.
Press the left softkey to change the input mode if needed.

5 Phone Settings

5.8.5 Configure Upload



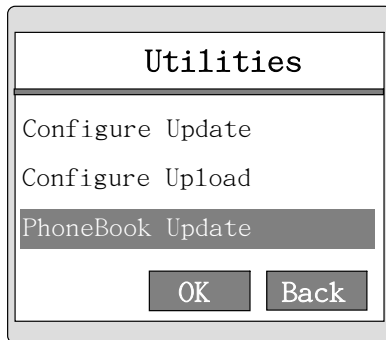
Input a file name for uploading configuration.
(Get the SS28's configuration from flash.)
Select "Configure Upload" in the "Utilities".



Press "Apply" key after entered the file name.
Press the left softkey to change the input mode if needed.

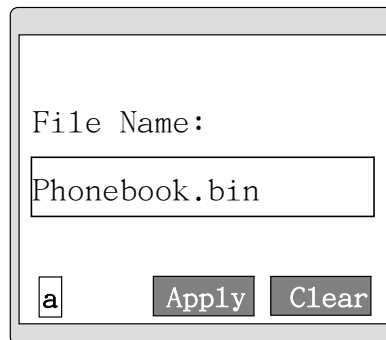
5 Phone Settings

5.8.6 PhoneBook Update



A screenshot of a mobile phone's 'Utilities' menu. The title 'Utilities' is at the top. Below it are three options: 'Configure Update', 'Configure Upload', and 'PhoneBook Update'. The 'PhoneBook Update' option is highlighted with a dark background. At the bottom are two buttons: 'OK' and 'Back'.

Input a file name for updating Phone Book.
(Put the Phone Book data to flash.)
Select "PhoneBook Update" in the "Utilities".

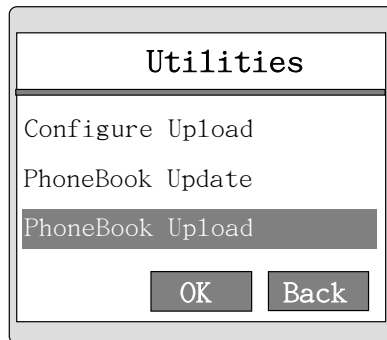


A screenshot of a mobile phone's 'File Name' input screen. The title 'File Name:' is at the top. Below it is a text input field containing 'Phonebook.bin'. At the bottom left is a small square button with the letter 'a'. To its right are two buttons: 'Apply' and 'Clear'.

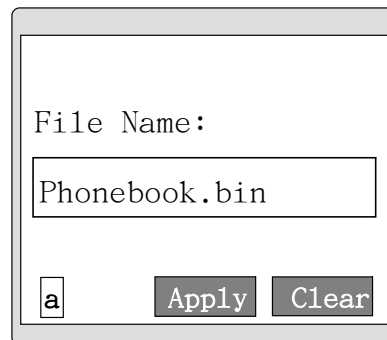
Press "Apply" key after entered the file name.
Press the left softkey to change the input mode if needed.

5 Phone Settings

5.8.7 PhoneBook Upload



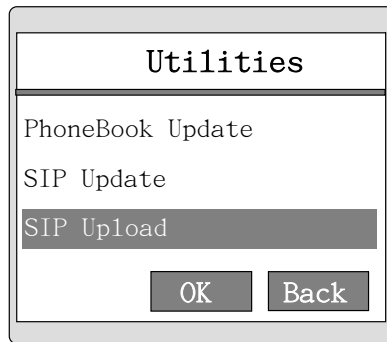
Input a file name for uploading Phone Book.
(Get the Phone Book data from flash.)
Select " PhoneBook Upload" in the "Utilities".



Press "Apply" key after entered the file name.
Press the left softkey to change the input mode if needed.

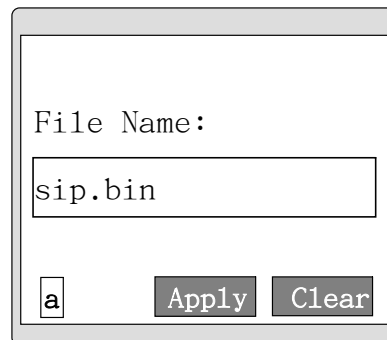
5 Phone Settings

5.8.9 SIP Upload



A screenshot of a mobile phone's 'Utilities' menu. The title 'Utilities' is at the top. Below it are three options: 'PhoneBook Update', 'SIP Update', and 'SIP Upload'. 'SIP Upload' is highlighted with a dark background. At the bottom are two buttons: 'OK' and 'Back'.

Input a file name for uploading Phone Book.
(Get the Phone Book data from flash.)
Select "SIP Upload" in the "Utilities".

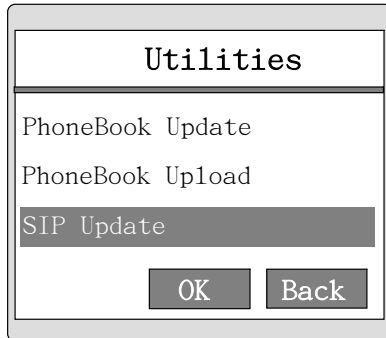


A screenshot of a 'File Name' input screen. The text 'File Name:' is at the top. Below it is a text input field containing 'sip.bin'. At the bottom left is a small box with the letter 'a', and to its right are two buttons: 'Apply' and 'Clear'.

Press "Apply" key after entered the file name.
Press the left softkey to change the input mode if needed.

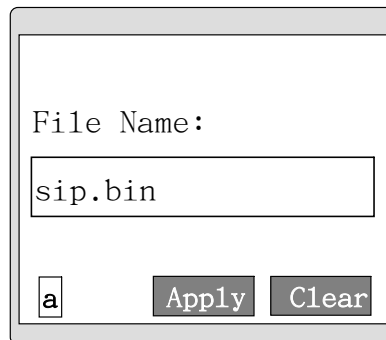
5 Phone Settings

5.8.8 SIP Update



The screen displays a menu titled "Utilities". Below the title, there are three options: "PhoneBook Update", "PhoneBook Upload", and "SIP Update". The "SIP Update" option is highlighted with a dark background. At the bottom of the screen, there are two buttons: "OK" and "Back".

Input a file name for updating SIP setting.
(Put the SIP setting data to flash.)
Select "SIP Update" in the "Utilities".



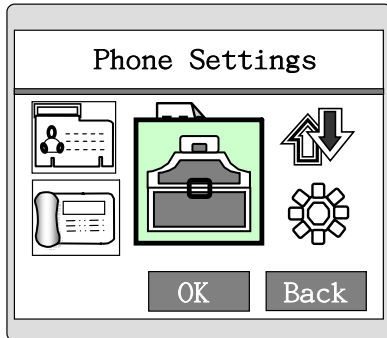
The screen displays a text input field labeled "File Name:". The input field contains the text "sip.bin". Below the input field, there are three buttons: a small square button with the letter "a", an "Apply" button, and a "Clear" button.

Press "Apply" key after entered the file name.
Press the left softkey to change the input mode if needed.

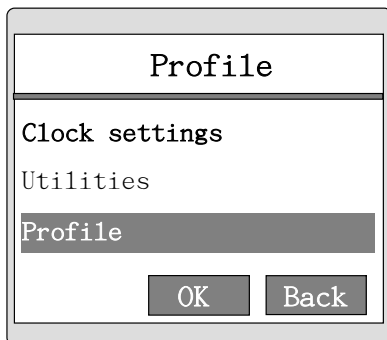
5 Phone Settings

5.9 Profile

Selecting from the "Menu"



Select "Phone Settings" in the "Menu".

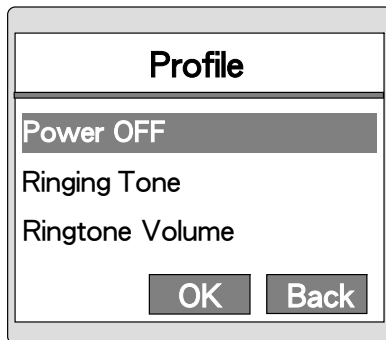


Press "OK" and use the navigator to scroll to "Profile", then you'll see the image as left.

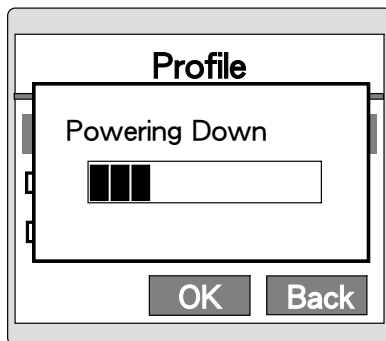
Menu	Description
Power OFF	Power Off
Ringing	Enable or Disable ring tone
Ringing Tones	Select ring tone
Ringtone Volume	Ringtone volume
Speaker Volume	Speaker volume
Vibrator	Enable / Disable the vibration alert
Keypad Password	Set keypad lock password
Phone Password	Enter password used to modify settings
Contrast Volume	Set LCD contrast ratio

5 Phone Settings

5.9.1 Power Off

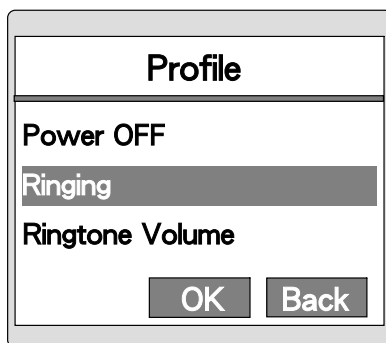


Select "Power off" in the "Profile" menu.

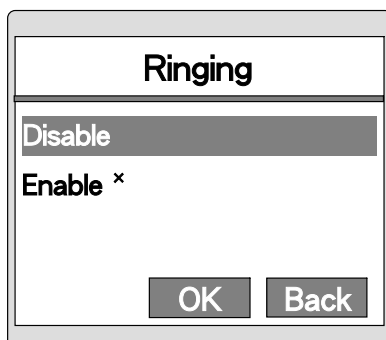


Pressing "OK" will display the "Powering Down" message and the phone will power off.

5.9.2 Ring tone enable/disable



Select "Ringing" in the "Profile" menu.

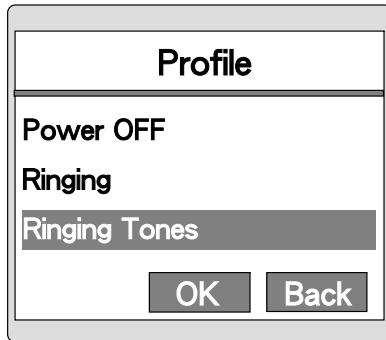


Pressing "OK" will display the screen on the left.

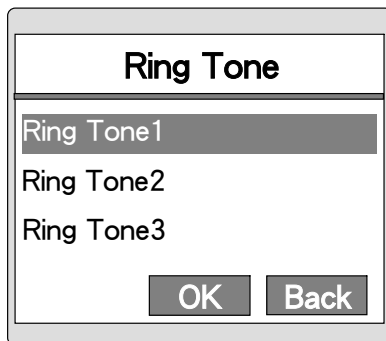
This screen indicates that the current Ring tone setting is "Enabled".

5 Phone Settings

5.9.3 Ring tones



Select "Ringing Tones" in the "Profile" menu.

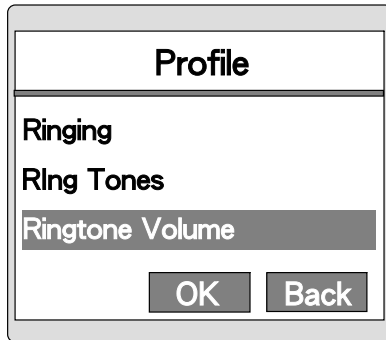


The screen on the left will be displayed after pressing "OK" key.

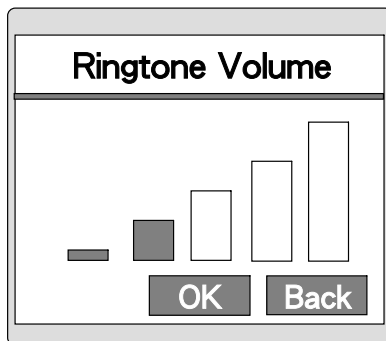
Use the navigator to scroll to the Ring Tone 1 ~ 5.

5 Phone Settings

5.9.4 Ringtone Volume

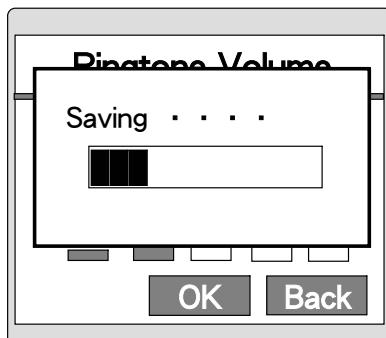


Select "Ringtone Volume" from the "Profile" menu.



The screen on the left will be displayed.

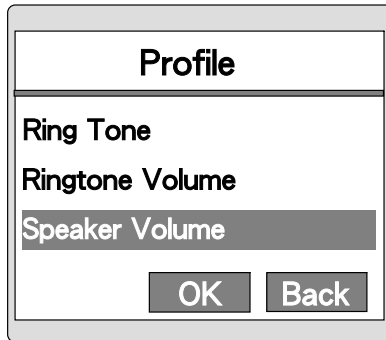
Use the navigator to scroll and select the ring volume.
Left (Decrease volume)
Right (Increase volume).



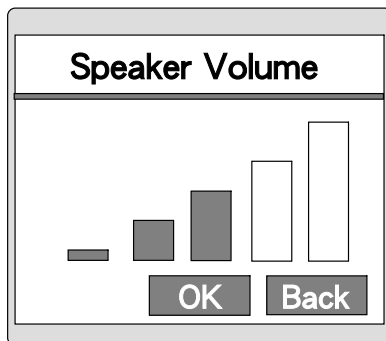
Press "OK" key to save the current settings.

5 Phone Settings

5.9.5 Speaker Volume



Select "Speaker Volume" from the "Profile" menu.

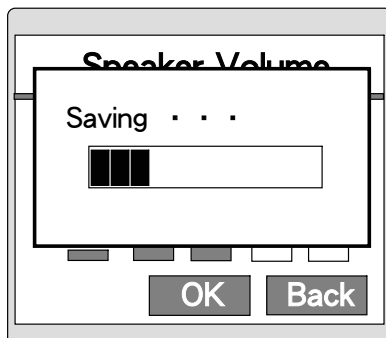


The screen on the left will be displayed.

Use the navigator to scroll and select the ring volume.

Left (Decrease volume)

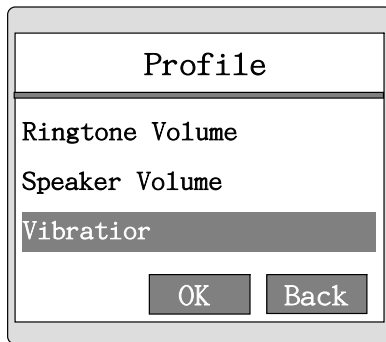
Right (Increase volume).



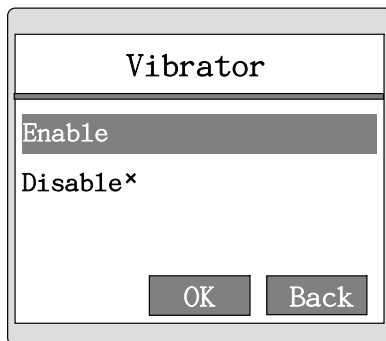
Press "OK" key to save the current settings.

5 Phone Settings

5.9.6 Vibration

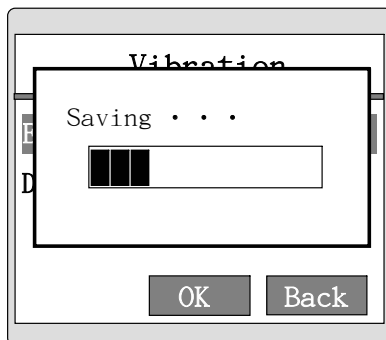


Select "Vibrator" in the "Profile" menu.



The screen on the left will be displayed after pressing "OK" key.

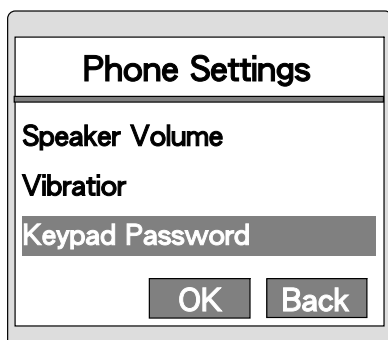
Use the navigator to enable to disable this option.



Press "OK" key to save the current setting.

5 Phone Settings

5.9.7 Keypad Password



A screenshot of a mobile phone's settings menu. The title "Phone Settings" is at the top. Below it are three options: "Speaker Volume", "Vibration", and "Keypad Password". The "Keypad Password" option is highlighted with a dark background. At the bottom are two buttons: "OK" and "Back".

Select "Keypad Password" in the "Phone Settings" menu.



A screenshot of the "Old Password" screen. The title "Old Password" is at the top. Below it is a text input field. At the bottom left is a small box containing the number "1". To the right of the input field are two buttons: "Apply" and "Clear".

The screen on the left will be displayed after pressing "OK" key.

Enter the current password.

Press the left softkey to change the input mode if needed.



A screenshot of the "New Password" screen. The title "New Password" is at the top. Below it is a text input field. At the bottom left is a small box containing the number "1". To the right of the input field are two buttons: "Apply" and "Clear".

Enter the new password.

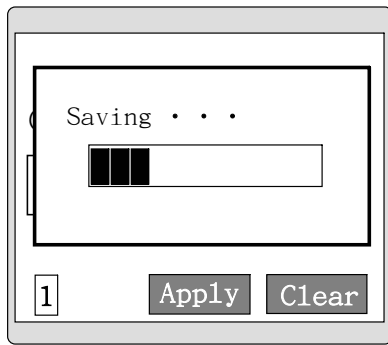
If no password is desired, leave the password field blank and press "Apply" key.



A screenshot of the "Confirm Password" screen. The title "Confirm Password" is at the top. Below it is a text input field. At the bottom left is a small box containing the number "1". To the right of the input field are two buttons: "Apply" and "Clear".

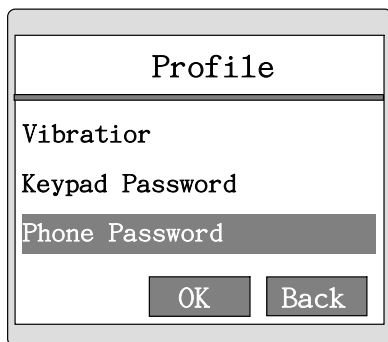
Re-enter the password to confirm.

5 Phone Settings



Press "Apply" to save the content.

5.9.8 Phone Password



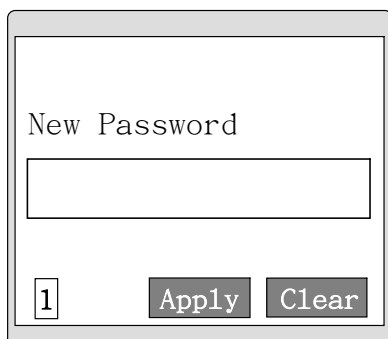
Select "Phone Password" in the "Profile" menu.



The screen on the left will be displayed after pressing "OK" key.

Enter the current password.

Enter the new password.



Press the left softkey to change the input mode if needed.

If no password is desired, leave the password field blank and press "Apply" key.

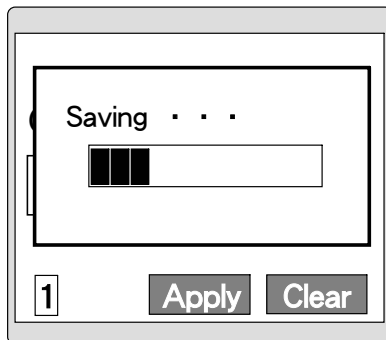
5 Phone Settings



Confirm Password

1

Re-enter the password to confirm.



Saving . . .

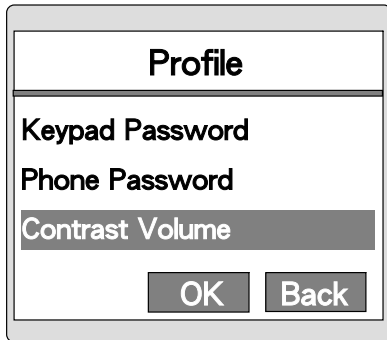
■■■

1

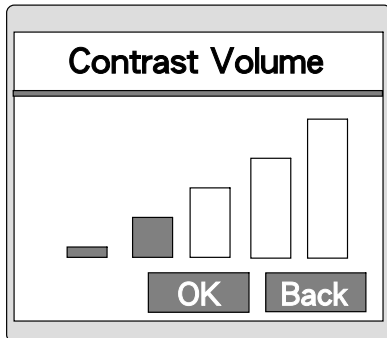
Press "Apply" to save the current settings.

5 Phone Settings

5.9.9 Contrast Volume

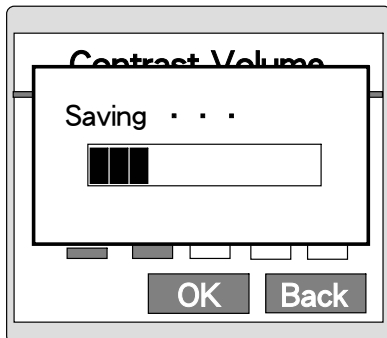


Select "Contrast Volume" in the "Profile" menu.



The screen on the left will be displayed after pressing "OK" key.

Use the navigator to make the adjustment and press "OK" key.

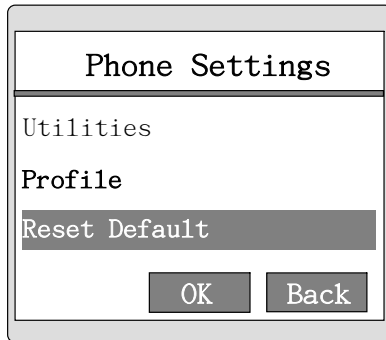


Save the current setting.

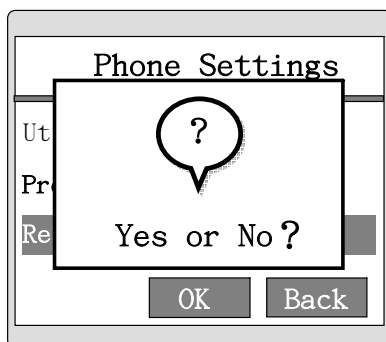
5 Phone Settings

5.10 Reset Default

Clears the "Phone Settings" and "SIP Settings" values.



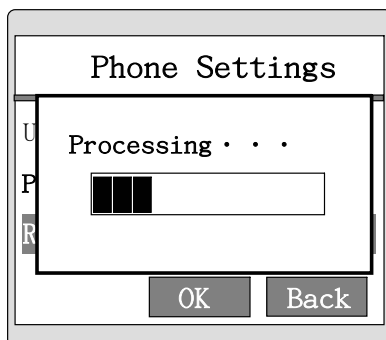
Select "Reset Default" in the "Phone Settings" menu.



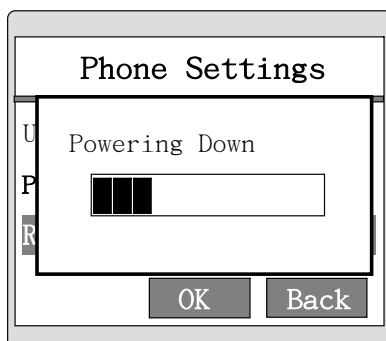
To clear the setting values, press "OK".

To cancel, press "Back" (right softkey).

The screen on the left indicates the values are being restored.



When the restore is completed, the phone will display the screen on the right and power off automatically.



Regarding the "Reset Default" function.



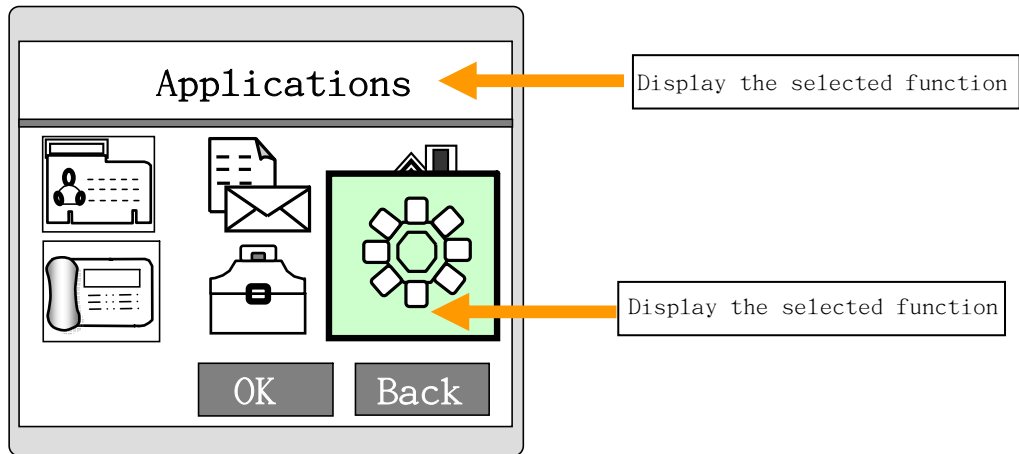
Regarding the "Reset Default" function

The phone will automatically power off after executing this function.

6 Applications

6 Applications

For user related settings, please select "Applications" in the main menu.



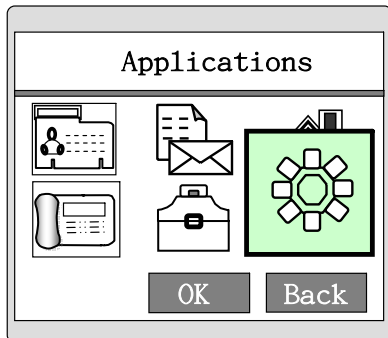
Setting options in the Application menu

Menu	Description
Alarm Set	Alarm Time Set

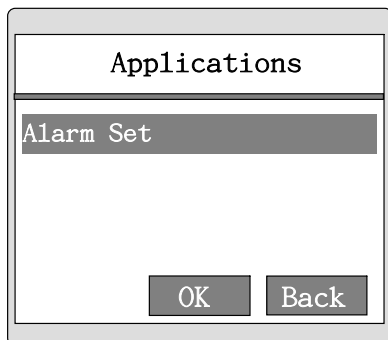
6 Phone Settings

6.1 Alarm Set

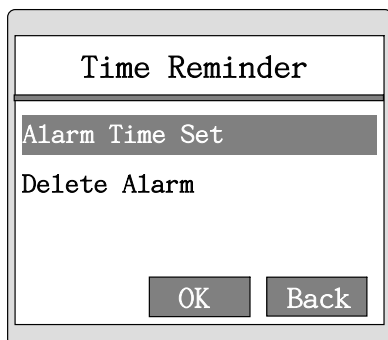
6.1.1 Alarm Set



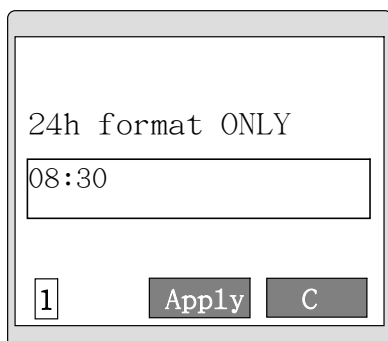
Select "Applications" from the main menu.



Select "Alarm Set" from the "Applications" menu.



Select "Alarm Time Set" from the "Time Reminder" menu.

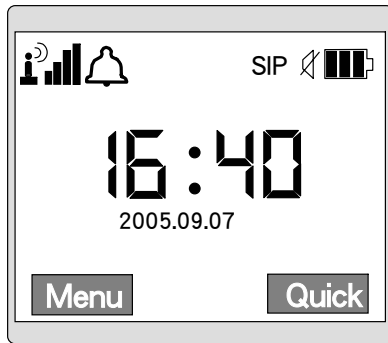


Enter the Alarm time in 24-hour format.

Press the left softkey to change the input mode if desired.

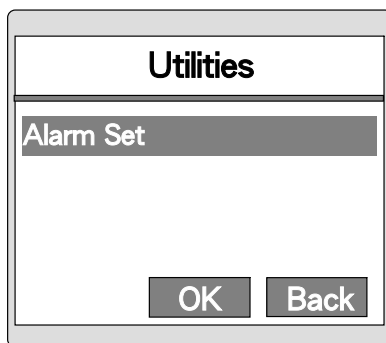
Press "Apply" to save the current settings and return to the "Alarm Time Set" menu.

6 Phone Settings

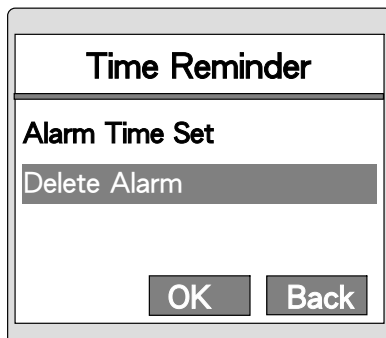


The "Alarm" sign will be displayed in the Standby screen if the alarm time has been set.

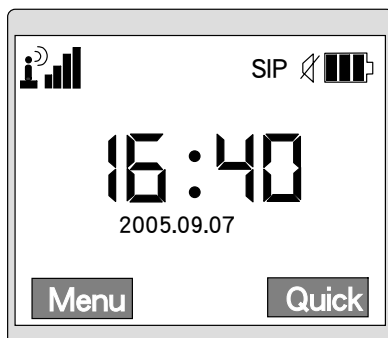
6.1.2 Delete Alarm



Select "Alarm Set" in the "Utilities" menu.



Select "Delete Alarm" in the "Time Reminder" menu.
The messages "Alarm Disable" will be displayed after pressing "OK" key.



The "Alarm" sign on the Standby screen will be cleared.

7 Troubleshooting

7.1 Is your phone malfunctioning?

Please refer to the following solutions if you encounter problems with your phone:

Symptom	Solution
No Power	Insufficient power in battery. Please charge the battery.
	Recharging does not work
	Cannot be recovered
Does not function	Power on or Power off.
	Cannot be recovered
Cannot make/ receive calls	The signal status is "X"
	Cannot locate base station
	Please search for a base station.
	Please confirm the following with the service provider: ① Is the base station enabled? ② Is it in active mode? ③ Whether the same channel number is used by multiple base stations?
	SIP signal not displayed on LCD
	Is the "Registrar Status" in the "SIP Settings" enabled? Please enable and login?
	Is the connected Access Point correct? Ensure the following settings are correct: ① SIP User Name ② Password Menu User Name ③ Password Menu Password ④ Registrar ⑤ SIP Local Host
	Go to Network Configuration > IP Settings > Show Current and make sure the DHCP has been enabled or whether the phone has an IP address: DHCP enabled : ① able to get an IP address, subnet mask and default gateway? ② Is the DHCP server function enabled at the Access Point? DHCP disabled : ① Are the IP address, subnet mask, and default gateway values set correctly? ② Is the DHCP server function disabled at the Access Point?
	The network connection is lost
	Ensure the following settings are the same as the Access Point. ① The SSID is the same as the Access Point SSID ② The WLAN Settings are the same as the Access Point. ③ WEP used: Encoding is the same as the settings at the Access Point ④ WPA used: Using the same PSK as the Access Point. ⑤ This product is unsupported for EAP-802.1X. If WPA is needed, please use PSK.
	Cannot make call
	Confirm the called party phone number. The called party phone number must be registered.

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

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.

CAUTION:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment under all conditions at zero centimeter

Max. SAR Measurement (1g)	SAR maximum values
802.11b: 0.815 W/kg	
802.11g: 0.466 W/kg	CE: 0.141W/kg(10g)
Head 802.11b: 0.272 W/kg	FCC: 0.272 W/kg (1g)
Body 802.11b: 0.141 W/kg	