

## ■ Outbox

The Message which sent out successfully will be saved in the Outbox. The Outbox can store up to 50 messages.

In the Inbox it displays a list of messages, it could realize the following functions:

- View: View the contents of the selected message.
- Resend: Resend this message.
- Edit: Edit the contents of the message and resend it.
- Extract Numbers: Extract the sender's number in the message and save it in phonebook.
- Delete: Delete the selected message.
- Delete All: Delete all the messages send.
- Call: Press **[PTT]** button to call the recipient.

## ■ Draft

In the process of editing the message, press **[Power On / Off / On-hook]** button to exit message editing and return to standby interface, the message is saved in Drafts, it can store up to 50 messages.

When you enter the Draft, it displays the message list, it could realize the following functions:

- View: View the contents of the selected draft.
- Edit: Edit the contents of the draft and resend it.
- Delete: Delete the selected draft.
- Delete All: Delete all messages in the Draft.
- Call: Press **[PTT]** button to call the recipient.

## Call Log


Call Log includes Outgoing / Incoming / Missed calls, each option can save up to 50 entries.

After selecting the Call Log, it could realize the following functions:

- Message: Send a message to the number that the call log contains.
- Detail: View Name, Tel, Time of selected call log.
- Save: Save the number that is contained in the Call Log.
- Delete: Delete this call log.
- Delete All: Deletes all call log.
- Call: Press **[PTT]** button to call the number that the selected call log contains.

## Profiles

Profiles including 3 modes of Standard / Silence / Custom.

- Standard: Voice reminder when pressing buttons, call reminder, turn on / off etc.
  - Silent: No voice reminder when pressing buttons, call reminder, turn on / off etc.
  - Custom: Setting the voice reminder manually. You can disable or enable the voice reminder of pressing buttons, call reminder, turn on / off etc.
-  Note: Select the 'Custom' mode, enter by long press the **[Menu/Enter]** button.

## Settings

### ■ Language

This option allows you to switch among different languages and mobile terminal supports three languages: English / Spanish / Chinese.

### ■ Time and Date

You can set the date and time of the terminal via this option.


After entering the 'Time and Date', press the **[Menu / Enter]** button to change the input term. And press **[Up]** / **[Down]** button to modify the value; at last input term, press **[Menu / Enter]** button to save time and date.

### ■ Keypad Lock

Turn on / off the function of keypad lock. The function of keypad lock will enable automatically after setting time.

### ■ Screensaver

Activate or deactivate the screensaver. If you activate the screen saver, after the pre-set time, the screen saver will start automatically.

 Note: Before the screen saver started, press any button, the screen saver chronograph is cleared, and then the timer is reset.

### ■ Screen Setup

Includes two settings: 'Brightness' and 'Backlight Time out'.

You can adjust the brightness of the screen by pressing **[Up]** and **[Down]** button and pressing **[Menu / Enter]** to save the settings.

You can turn on and off the backlight delay, if it is activated, when the set time is over, the backlight turns off, incoming call or press any button can turn on backlight;; if the function is turned off, the backlight is always on.

## Location

### ■ Information

It includes date, time, longitude, latitude, number of satellites. Date and time are related to the time zone configuration of the terminal.

### ■ On / Off

You can enable / disable the positioning function.

### ■ Time Zone

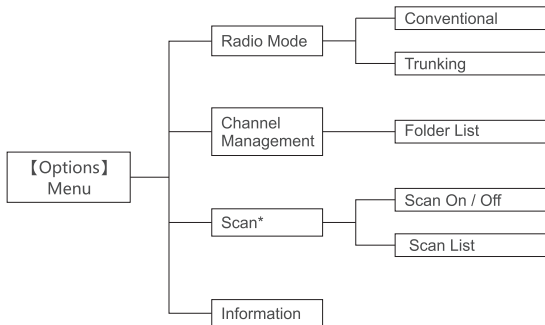
Set time zone according to the location of mobile terminal to synchronize the time. There are 24 time zone options.

### ■ Data transmission \*

This function is combined with the sending method and it is used for sending the current position information of this terminal to the other terminals or control centers. It could be sent to individuals and group.

## [Options]

The Options menu includes the following functions:




### Radio Mode

'Conventional' and 'Trunking' mode can be setted.

### Channel Management

In the folder, user can view all the channels' information and switch to the selected channel by press **[Menu / Enter]** button.

 Note: In trunking mode, The folder is not for the channels but for calling groups, so the name was changed to 'Group Management' and

its contents have changed to groups.

### Scan\*

The Scan feature allows you to listen to communication activities on other channels so that you can keep a close track of your team members.

#### ■ Scan On / Off

You can enable or disable scan function through this option.

#### ■ Scan List

You can request your dealer to create a scan list for each channel. Each list may contain 32 channels at most (either digital channel or analog channel is OK). After accessing the list, you can perform any of the following operations:

- Add Channel

In the folder of channels, select the channels to add to the current scan list.

- Delete Channel

You can delete the channel of the scan list, except the first channel of the scan list.

 Note: In trunking mode, there is no scan module.

### Information

View information about the mobile terminal: BAND, ISSI, Version.

# Troubleshooting

Phenomena	Analysis	Solution
The radio can't be powered on.	The power cord is not connected or the contact with the socket is too loose.	Properly connect the power cord correctly and ensure good contact.
	The fuse in the power cord is damaged.	Check whether the fuse in the DC power cable is burned, if it is burned, please replace with a new fuse.
	The power connection of plus or minus pole is wrong.	Check whether the fuse in the DC power cable is burned. And Connect the power of plus or minus pole in right position, turn on the radio.
Unable to establish a call.	The signal is weak.	Make sure the mobile terminal is within the effective signal range of the base station.
	The parameters of used frequency and channel are incorrect.	Switch to the correct channel.
You can't register.	It can't receive the signal from the base station.	Make sure the mobile terminal is within the effective signal range of the base station.
	It's illegitimate user of the base station, you can't register.	Contact the person responsible for the base station to confirm whether this unit is legitimate user of the network management system base station.
Repeated registration	Intermittent signals.	Make sure the mobile terminal is within the effective signal range of the base station.
It is switched off repeatedly during the calls.	It is too far, and the signal is weak.	Make sure the mobile terminal is within the effective signal range of the base station or move towards to other members.
When it is called upon, the sound is small, intermittent or unclear.	The volume is small.	Increase the volume via the knob.
	It is too far, and the signal is weak.	Make sure the mobile terminal is within the effective signal range of the base station or move towards to other members.
	The antenna is loose or the interface is damaged.	Check interface and tighten the connector, if necessary, replaced by a new connector.
	The installation is not adequate.	Remove the antenna after switching off the terminal and reinstall it, and then turn on the terminal.
	The connecting cable is damaged, there is signal energy leakage.	Check the level of damage or replace it if necessary.

	The speaker is blocked or damaged.	Make a simple exterior cleaning, if still not solve the problem. please contact your dealer or our designated repairing points for repairs.
There is no connection during a call.	You may be in an unfavorable position. For example, high buildings or underground areas.	Move to an open and flat area, and restart the radio.
	The distance of communication with other members is too far.	Move towards to other members.
The noise is too loud.	You may be in an unfavorable position. For example, communication can be blocked by tall buildings or frustrated in the underground areas.	Move to an open and flat area, and restart the radio.
	You might suffer from external shock (such as electromagnetic interference).	Stay away from equipments that may cause interference.
You can't use the keys.	The keyboard may not work temporarily.	Restart the radio.
	The connection of handheld microphone is not stable.	Check the connection of the handheld microphone.
The LCD display shows no information.	The LCD screen may not work temporarily.	Turn off the terminal and wait for a moment and restart it.

If the above solutions can't fix your problems, or you may have other questions, please contact your local dealer or us for technical support.

## Care and Cleaning

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To guarantee optimal performance as well as a long service life of the product, please follow the tips below.

### Routine Maintenance

- Keep the product in a place with good ventilation and heat dissipation to facilitate normal work.
- Do not put irrelevant items on top of the product to ensure optimal heat dissipation.
- Do not puncture or scrape the product.
- Do not place the product in the environment with electronic circuits or corrosive substances.
- Do not place the product in corrosive agents, solutions or water.

### Cleaning

- Clean up the dust and fine particles on the surface of the product with a soft, clean, dry lint or brush regularly to keep them clean and prevent bad contact.
- Use a nonwoven fabric with neutral cleaner to clean the keys, control knobs, display and interfaces if they are dirty. Do not use corrosive chemicals such as stain removers, alcohols, aerosols or petroleum products. After cleaning, make sure that the product is completely dry before use, otherwise, do not use it.

 Caution: Turn off the product before cleaning.

## Quality Assurance and Maintenance Terms

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Shenzhen Samhoo SCI & TECH CO.,LTD (hereinafter referred to as Samhoo) promise that if the radios produced by Samhoo, since the date of purchase,under the condition of normal use,operation and maintenance,show defects in the material or manufacturing technology,you will get the following warranty service.

### 1.Warranty Range and Duration

Radio unit: 24 months.

The standard accessories (including handheld microphone and cable): 12 months.

### 2.Conditions of Warranty:

If you apply for the warranty services of Samhoo products, please provide a valid warranty card or the original invoice. During the warranty period,the related marks of Samhoo products, such as the serial number, should be maintained clear and complete and not be torn up.

- 1) The warranty card should be completely filled in and stamped by Samhoo or the authorized dealers. The contents on the warranty card should include the product name, manufacturing serial number, date of purchase, marketing unit and so on.
- 2) The effective invoice should be supervised by the fiscal and taxation departments and it is an important voucher.The filling content on the invoice should include the product name, manufacturing serial number, date of purchase,amount of purchase and so on.

 Attention:

- This product must be sent back to the headquarters of the service center or our overseas service station for the repair.
- Waterproof Terminals (waterproof level up to 6 and above) must be returned to our customer service at headquarters, our foreign repair station or through our authorized dealer service stations for repairing.
- Please pack the product well with the required documents and detailed description of malfunction and send to the after-sales service center of our company or the designated service stations. You can also get assist by dial our service hotline:  
0086-755 8316 0260

**3.The terms of this service do not include the following contents:**

- 1) Beyond the valid period of warranty.
- 2) The malfunction or damage is caused by the use or maintenance which are not following the specification.
- 3) The malfunction or damage is caused by the abnormal or unconventional use.
- 4) The malfunction or damage is caused by the modification, change, removal, using non-original attachments or batteries, or upgrading the software and removing firmware without Samhoo's authorization.
- 5) The fault or damage to the antenna is not caused by the materials or processing methods.
- 6) The related marks on the radio are torn up or erased, the serial

number cannot be identified.

- 7) The products whose purchase date cannot be identified.
- 8) The malfunction or damage caused by the force majeure.
- 9) The normal and conventional abrasion.

**Special Notes:**

- 1.Within the limits of law, in any case,Samhoo has no liability for the loss that is more than the product purchase price,meanwhile,Samhoo is not liable for any loss of use,loss of time,loss of business,loss of profits or income,and the incidental,special or secondary damage.
- 2.Since the environment or systems of using the product are different, Samhoo is not responsible for the coverage area of the whole system or the operation conditions.
- 3.The maintenance clauses are enacted in accordance with relevant national warranty regulations. Due to the technical development and market adjustment,the clauses will be changed accordingly.The specific changes are subject to Change Notice issued by Samhoo customer service center For any other matters that are not mentioned here,it will be subject to relevant national regulations.

# FCC Warning

## NOTICES TO THE USER

- ◆ Government law prohibits the operation of unlicensed transmitters within the territories under government control.
- ◆ Illegal operation is punishable by fine and/or imprisonment.
- ◆ Refer service to qualified technicians only.

**SAFETY:** It is important that the operator is aware of, and understands, hazards common to the operation of any transceiver.



### ◆ EXPLOSIVE ATMOSPHERES (GASES, DUST, FUMES, etc.)

Turn OFF your transceiver while taking on fuel or while parked in gasoline service stations. Do not carry spare fuel containers in the trunk of your vehicle if your transceiver is mounted in the trunk area.

### ◆ INJURY FROM RADIO FREQUENCY TRANSMISSIONS

Do not operate your transceiver when somebody is either standing near to or touching the antenna, to avoid the possibility of radio frequency burns or related physical injury.

### ◆ DYNAMITE BLASTING CAPS

Operating the transceiver within 500 feet (150 m) of dynamite blasting caps may cause them to explode. Turn OFF your transceiver when in an area where blasting is in progress, or where "TURN OFF TWO-WAY RADIO" signs have been posted. If you are transporting blasting caps in your vehicle, make sure they are carried in a closed metal box with a padded interior. Do not transmit while the caps are being placed into or removed from the container.

**One or more of the following statements may be applicable:**

#### FCC WARNING

This equipment generates or uses radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

#### INFORMATION TO THE DIGITAL DEVICE USER REQUIRED BY THE FCC

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 90 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 generate 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 the 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 to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer for technical assistance.

## PRECAUTIONS

Observe the following precautions to prevent fire, personal injury, and transceiver damage.

- Do not attempt to configure the transceiver while driving; it is too dangerous.
- Do not disassemble or modify the transceiver for any reason.
- Do not expose the transceiver to long periods of direct sunlight, nor place it near heating appliances.
- If an abnormal odor or smoke is detected coming from the transceiver, switch the transceiver power off immediately, and contact your **SAMHOO** dealer.
- Use of the transceiver while you are driving may be against traffic laws. Please check and observe the vehicle regulations in your area.
- Do not use options not specified by **SAMHOO**.



**CAUTION**

- ◆ The transceiver operates in 12 V negative ground systems only! Check the battery polarity and voltage of the vehicle before installing the transceiver.
- ◆ Use only the supplied DC power cable or a **SAMHOO** optional DC power cable.
- ◆ Do not cut and/or remove the fuse holder on the DC power cable.

**WARNING**

For passenger safety, install the transceiver securely using the supplied mounting bracket and screw set so the transceiver will not break loose in the event of a collision.

Antenna substitution: Do not substitute any antenna for the one supplied or recommended by the manufacturer or radiodealer.

You may be exposing persons or persons to excess radio frequency radiation.

You may contact your radio dealer or the manufacturer for further instructions.

**WARNING**

Maintain a separation distance from the antenna to person(s) of at least **80 cm, 50% duty Cycle**.

This transmitter is authorized to operate with a maximum duty factor of 50% in typical push-to-talk mode, for satisfying FCC RF exposure compliance requirements.†

To comply with RF exposure requirements, a minimum separation distance of 80cm is required between antenna and person to meet the limits for occupational/controlled exposure.

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