

Call

Private call

■ Transmitting a private call

1. Input contact number using Numeric Keypad or enter menu “Phonebook” “call log” to select desired contact.
2. Hold down 【PTT】 key to transmit a simplex Call to the selected contact.

■ Receiving or replying a private call

1. When the 【PTT】 key is in the state of release, you can receive the call without any key operation.
2. After the speech of the other side, you can hold down 【PTT】 key to reply.

Group call

Talk group can be set by dealer in advance the operation methods are the same under DMO mode and TMO mode.

■ Transmitting a group call

1. In standby interface, select the desired talk group through Channel Knob.
2. Press  key to decide the talk group.
3. Hold down 【PTT】 key to transmit a group call.

■ Receiving and replying a group call

You can receive the group call without any key operation. If reply is needed, please hold down 【PTT】 key after the speech of the other side and then speak to microphone.

Phone call (only TMO mode)*

This radio can be used to dial a telephone number. Detailed information and the availability, please contact your service provider.

■ Transmitting a phone call

1. In TMO mode, Press  key to enter “Phonebook”, choose the contact number. The contact number by the distributor through software written.
2. Select “Ctype” to select number type as “PABX” or “Phone” (displayed on the LCD screen).
3. Press  key to transmit a phone call.

■ Receiving a phone call

In TMO mode, pressing  key can receive a phone call. The call parties can speech at the same time without any key operation. To reject a call or hang up the phone, please press  key.

Note:

1. The gateway number must be set through CPS. The details please contact network operator.
2. “*” Indicates the function is not supported temporarily.

Emergency call

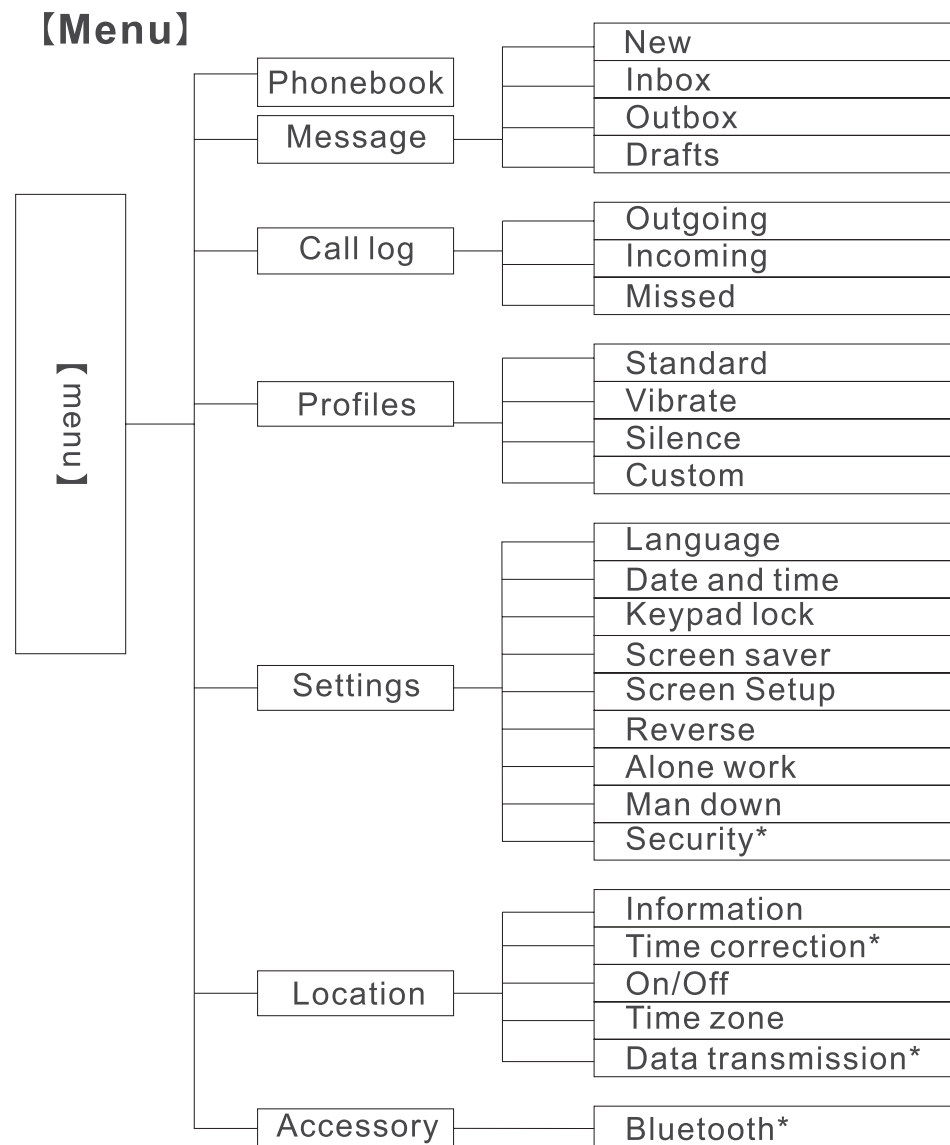
Both DMO mode and TMO mode can support emergency call and operate in the same way:

Long press 【Emergency call】 key to transmit a emergency call; To quit the emergency call, please press  key.

 Note: When transmitting a duplex call, please speak to the duplex microphone; when transmitting a simplex call, please speak to the simplex microphone.

 Note: In poweroff mode, you can long press emergency call to turn on the radio and initiate an emergency call.

Menu Navigation



Phonebook

The contact is used to save contact information, You can save up to 500 entries in the list. Each information includes the name and the corresponding number. In standby mode, press  “function-> phonebook” to enter contact list. Here you can perform the following operations:

- Add a contact
- View the contact information
- Modify the contact information
- Delete a contact information
- Delete all the contact information
- Check the capacity of telephone book
- Find a contact (by name)
- Call

You can transmit a simplex call to a contact in the phonebook:

1. Select a contact in contact list.
2. Hold down **【PTT】** key to transmit a simplex to the selected contact.

Message

■ New

1. Status message

“Status message” is set by dealer in advance, you can only send and read the message, but can not edit it.

2. User message

When writing new message, each message length up to 110 bytes, The recipient can be individual or group.

■ Inbox

The Inbox can save up to 50 received messages. After receiving new messages, the  icon and the number of new SMS will be displayed on status bar. Select “Read” to view it immediately or press  button to view it later. If the unread message in inbox is full,  icon will be displayed on status bar. At this point you need to clean up inbox in time in order to continue to receive other messages. For each message, you can choose to perform any of these operations:

Reply: Reply to the sender.

Delete: Delete this message.

Delete all: Delete all the received messages.

Forward to the individual: Forward this message to other user.

Forward to group: Forward this message to a group.

Extract number: Extract the number contained in this message.

Call: Transmit a call to the sender.

■ Outbox

The outbox can save up to 20 sent messages. For each message, you can choose to perform any of these operations: delete, delete all, forward to individual, forward to group, edit, extract number, call.

■ Drafts

The draft box can save up to 10 draft messages. For each message, you can choose to perform any of these operations: delete, delete all, forward to individual, forward to group, edit.

Call log

This radio can save up to 20 entries in the outgoing list, incoming list and missed list respectively. When there is a new missed call, corresponding tips will appear on the screen.

Selecting an entry, you can perform any of these operations: call, check, save, delete, delete all.

Settings

■ Date and time

You can set the date, time through this option, the methods of operation are as follows:

Press left/right direction key to select the setting item and input desired number using numeric keypad.

■ Keypad lock

You can set whether to enable this function. When “Enable” is selected, after the setting time written by CPS, keypad will be locked automatically.

■ Screen saver

You can set whether to enable this function. When “Enable” is selected, after the setting time written by CPS the screen saver will start automatically (Notice: press any key will clear the screen saver timer.)

■ Screen setup

Brightness

To set the display brightness. You can increase or decrease it, using the  key or  key.

Backlight timeout

Turn on/off keypad light. You can set the turn-on time by CPS.

■ Inversion of the screen

When you enable this function, the content displayed on the screen can be rotated 180 degrees. It is more convenient for you to browse the information on the screen.

 Note: After inversion, the function of  key and  key interchange.

■ Language

You can switch between different languages through this option. At the moment, this radio only supports two languages: Simplified Chinese and English.

■ Man down

Enable this function, when the radio down, it will automatically send alarm information to the setting object and issue a shrill alarm sound. This function provides powerful personal security for the user. Tilt Angle can be set by CPS.

■ Alone work

Enable this function, when there are no any key operation within the setting time, it will issue a warning tone. If still no any key operation after several times of warning, it will automatically send alarm information to the setting object and issue a shrill alarm sound. This function provides powerful personal security for the user.

■ Security*

PIN code protection

To open or close this function must input PIN code. If the error times of PIN code input reaches preseted number, the radio will be locked. At this point, you need to select “Unlock” and input PUK code to unlock. After input correct PUK code, enter the new PIN input interface to set a new PIN or press “Back” key to return the PUK code to default values. If the error times of PUK code input reaches preseted number, the radio will be temporarily disabled

and will give the tips of “this radio is invalid” and then turn off automatically.

- 📌 Note: The error times of PIN code and PUK code can be set through CPS. If the radio is disabled, please contact dealer to activate it. The initial PIN code is 1234 and the default PUK code 12345678.

PIN code modification

Change the PIN code through the menu, before updating PIN code, you need to input the old PIN for confirmation. The steps of inputting old PIN code, please refer to the operation of PIN code protection. After inputting correct old PIN code, only when the twice input of new PIN code is consistent the new PIN code become effective. Otherwise, you need to input a new PIN code.

Location

■ Information

Location information includes the date, time, longitude, latitude, altitude and the number of satellites. The date and time display value are associated with time zone settings on the terminals.

■ Time correction*

This function uses received effective GPS time to correct the time on the terminal. This function can be used with time zone options.

■ On/off

This function can be opened or closed GPS/BEIDOU.

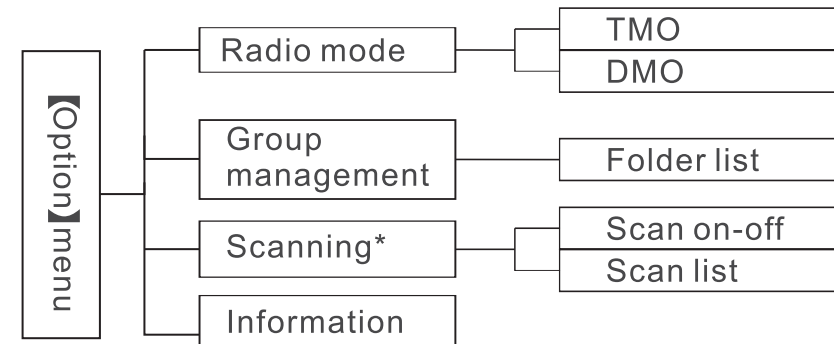
■ Time zone

This function can allow you to set GPS system time zone according to the location or user needs. There are a total of 25 time zone options for time correction.

■ Data transmission*

This function is used to send GPS/BEIDOU information to other terminals or control center. There are two options: send to individual and send to a group.

【Option】



Press  key to enter option menu. taking the trunking mode as an example to present the using method of each menu items.

Radio mode

You can switch among these modes DMO and TMO.

Group management

In “Option” menu, select “group management” to enter group folder list, you can perform any of these operations.

- Add a channel/group
- Delete a channel/group
- View a channel/group

Scan*

To access this item, press the **【Menu】** key in idle mode and then select “Scan”.

■ Scan on/off

The function “Scan” allows you to listen to communication activities on other channels so that you can keep a close track of your team members. This option is used to enable or disable the function.

■ 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:

Adding a channel

To include a new channel into the active scan list.

Editing priority channel

To set the selected channel as a non-priority or as a priority channel. If you are interested in activities on a channel, you can set it as a priority channel, which will be scanned more frequently than a non-priority channel.

Deleting a channel

To remove a channel from the active scan list. However, the first channel in the list can not be deleted.

Information

You can read the information of this device under this option, such as ID, frequency range, version information etc.

Troubleshooting

Phenomena	Analysis
The radio can not be turned on	Please check whether the voltage is too low or the battery is damaged.
Fail to register or can't find the network	1. Check the signal strength, make sure that the radio is in the service area. 2. Contact network administrator, make sure that the radio is authorized. 3. Make sure the radio is in TMO mode.
You can not communicate with other members	1. Check the signal strength, make sure that the radio is in the service area. 2. Make sure that the other party is in the service area.
Can not transmit/reply group call	1. Make sure that the radio is in this group channel. 2. Make sure that the radio is authorized to join the group.
Call transmission is terminated	Transmission time is too long, timer timeout.
Call is interrupted	Make sure whether there is a terminal transmit preempted priority call or "emergency call".
Message content sent/received is not consistent	Check whether the content defined by the two terminals status ID is consistent.
Drop the call accidentally	1. Check signal strength under TMO mode. 2. Under conventional mode, Check whether you are in the basement, tunnel and signal shielding position or the other party is beyond coverage area. 3. Check the battery strength.
Loudspeaker diminished	1. Check whether the water inside loudspeaker's inlet hole. 2. If there are water, please aiming down the machine loudspeaker towards the palm, pat few times, after 3-5 minutes of drying the water, the voice will back to normal.

If the above solutions can not fix your problems, or you may have some other troubles, please contact Samhoo or your local dealer for more technical support.

Care and Cleaning

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

Radio care

Keep the radio far away from substances that can corrode the electronic circuit.

Do not hold the radio by its antenna or headset cable directly to prevent damage to its normal use.

Attach the accessory jack cover when the radio is not in use.

Radio cleaning

Clean up the dust and fine particles on the radio surface and charging piece with a clean and dry lint-free cloth or a brush regularly.

Use neutral cleanser and a non-woven fabric to clean the keys, control knobs and front case after long-time use. Do not use chemical preparations such as stain removers, alcohol, sprays or oil preparations, so as to avoid surface case damage. Make sure that the radio is completely dry before use.

 Note: Turn off the radio and remove the battery before cleaning.

Quality Assurance and Maintenance Terms

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

1. The scope and duration of warranty

The radio: 24 months.

The standard accessories (including antenna, battery, charger, belt clip etc.): 12 months.

2. The warranty

If you apply for the warranty services of Samhoo products, please provide a valid warranty card or the original invoice. In 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 a complete warranty card which is 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.

Note:

- This product must be sent back to the headquarters of the service or our overseas service station for the repair.
- The waterproof terminals(the waterproof level should be up to or above 6)must be sent back to the service headquarters, our overseas service station or the maintenance station of authorized dealers for repair.
- Please pack the product well with the required documents and detailed description of malfunction and send to our company or the designated service points. You can also get help 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 caused by the use or maintenance which are not according to the specification.
3. The malfunction or damage caused by the abnormal or unconventional use.
4. The malfunction or damage caused by the modification, change, remove, using non-original attachments or batteries, or upgrading software and removing firmware without Samhoo's authorization.

- 5.The fault or damage to the antenna is not caused by the materials or processing.
- 6.The related marks on the radio are torn up or erased, the serial number can not be identified.
- 7.The products whose purchase date cannot be identified.
- 8.The malfunction or damage caused by the force majeure.
- 9.The normal abrasion.
- 10.The battery with following circumstance:
 - a.Artificially damaged or opened.
 - b.Use the abnormal equipment to make a battery charging.

Special note:

- 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 system 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 other matters not mentioned here, will be subject to relevant national regulations.

Appendix: Input Method

You can enter aliases, numbers or messages using the keypad. This radio supports the following input methods: Chinese Pinyin (simplified) , English (“ABC” / “abc”) and Number(“123”).

Switching input method

Press  key to switch to desired input method. The symbol is displayed on the upper right corner of the LCD.

Chinese Pinyin (Simplified)

1. Enter the Pinyin through alphanumeric keys; then a list of possible combinations and corresponding characters will appear.
- 2.Use  /  key to choose the right pinyin.
- 3.Press  key to highlight the characters, and choose the right character using  /  key.
- 4.Press  key to enter the selected character.

Capital letter/small letter

English letters have been labeled on the number key, you just need to repeatedly fast press the corresponding number key until the desired letter appear. If the next input letter and the current input letter are on the same key, please wait for the current letter to be confirmed before entering the next letter.

Number

Number 0-9 are labeled on the keys, you just need to press the number keys to input the corresponding number.

Punctuation

Under Pinyin input method and letter input method, press  key to input punctuation. Under number input method, you can not input punctuation.

Input space

Under letter/number input method, long press  key to input space and short press to input *.

Under Pinyin input method, please press  key, select space in the punctuation interface.

 Note: Short press  key to delete the entered characters one by one and long press to delete all the entered characters.

FCC Caution.

§ 15.19 Labelling requirements.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

§ 15.21 Information to user.

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

§ 15.105 Information to the user.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

Specific Absorption Rate (SAR) information:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. For Remote controller, SAR tests are conducted using standard operating positions accepted by the FCC/ISED. For the device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. Before a new model device is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC/ISED. Tests for each device are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC/ISED. For body worn operation, this model device has been tested and meets the FCC/ISED RF exposure guidelines when used with an accessory designated for this product when used with an accessory that contains no metal and that positions the handset a minimum of 10 mm from the body. Non-compliance with the above restrictions may result in violation of RF exposure guidelines.

To maintain compliance with the FCC/ISED's RF exposure guidelines, hold the transmitter and antenna at least 1 inch (2.5 centimeters) from your face and speak in a normal voice, with the antenna pointed up and away from the face.

Samhoo

是深圳森虎科技股份有限公司的注册商标，并在授权使用
©2013年深圳森虎科技股份有限公司版权所有.

Samhoo

is registered trademark of SHENZHEN SAMHOO SCI & TECH CO.,LTD.
and is under authorized use.
© Copyright 2013 SHENZHEN SAMHOO SCI & TECH CO.,LTD.
All rights reserved.

深圳森虎科技股份有限公司

地址：深圳市福田区梅林街道梅亭社区梅芝路4号奥士达大厦A栋六层A617
服务热线电话：+86 755 8226 7833
邮编：518049
网站：www.samhoo.com.cn

SHENZHEN SAMHOO SCI & TECH CO.,LTD.

Address: A617, 6th Floor, Building A, Oshida Building, No. 4, Meizhi
Road, Meiting Community, Meilin Street, Futian District,
Shenzhen, China
Service hotline: 0086-755 8226 7833
Postcode: 518049
Website: www.samhoo.com.cn