







There are two scanning methods

- Manual Scan: According to a pre-programmed scan on / off key or menu function to start the scan, when you start scanning, radio will detect all channels / contact groups on pre-programmed scan list.
- Auto Scan: When you select an already activated auto scan channels / contact groups, radio scans from the activated auto scan channel.

Start/Stop Scan

Press Pre-programmed Scan On / Off Key Or Enter The Scan Menu Function

1. Using the channel knob to select a channel of pre-programmed scan list;
2. Press [] to enter menu mode;
3. Move [ or ] to scan, and then press [] to select;
4. If the scan is disabled, the screen displays on or if the scan is activated, the screen displays off.
5. Press [] to select
6. When the scan is activated, LED indicator flashes red and displays scan icon  ; or when scanning is disabled, LED light goes out and does not display the scan icon.

Scanning Reply

Radio detect active channel/contact group when scanning, at this time radio will stay in the channel/ contact group, which is called "Scan hang time" pre-programmed time.

Procedure:

1. Hold the radio in a vertical position and keep one to two inches (2.5 to 5.0 cm) distance from the mouth. If you enable the "channel idle tone" function, when transmitting radio release [PTT] key, you will hear a short beep, indicating that the channel is idle, waiting for your respond.
2. Within the hang time by pressing [PTT] button, LED indicator light is red.
3. Release [PTT] key to respond.
4. If you do not respond within the hang time, radio will continue down the scan

Utilities

Utilities includes the following contents:

- Radio settings
- Radio Info
- Program Radio

Radio settings

Radio Setting includes:

- Talkaround
- Tones/Alerts
- Power
- Backlight











- Squelch
- Intro Screen
- Keypad Lock
- LED Indicator
- VOX
- Passwd Lock
- Record
- Clock
- Mode

Talkaround



When the transponder does not work, or when the radio located outside the range of the transponder but located within the range of other radios call, you can continue to communicate. This is called "talk around."

Press Pre-programmed repeater / talk around button, you can switch between repeater / talk around mode.

Use the menu function

1. Press [] key to enter the menu mode.
2. Move [ or ] key to utilities, and then press [] key to select.
3. Move [ or ] key to radio settings, and then press the [] key to select.
4. Move [ or ] key to talk around, and then press [] key to select.
5. If radio is currently in repeater mode, you can see the open, or if radio is currently in talk

around you can see the close.

6. Press [] key to select.
 7. Screen showing turn on talk around "" or turn off talk around.
 8. The screen automatically returns to the previous menu.
- Even after the shutdown, still remains talk around.

Tones/Alerts

including the following contents:















- All Tones
- Talk Permit
- Keypad Tones

All Tones


If desired, you can enable or disable all radio tone and prompts (except emergency incoming tone).

Press pre-programmed all Beep ON / OFF to turn on or off all radio tones.

Use the menu function:















1. Press [] key to enter the menu mode.
2. Move [ or ] key to utilities, and then press [] key to select.
3. Move [ or ] key to radio settings, and then press the [] key to select.
4. Move [ or ] key to tones/alerts, and then press [] key to select.
5. Move [ or ] key to all tone, and then press [] key to select.
6. Press [] key to select on, then enable all tone and prompts, screen displays all tone


is open.

Or press [] key to select Off, then turn off all tones and prompts, screen displays all tone is off.

Keypad Tones

If desired, you can activate and deactivate call admission tone.

1. Press [] key to enter the menu mode.
2. Move [ or ] key to utilities, and then press [] key to select.
3. Move [ or ] key to radio settings, and then press the [] key to select.
4. Move [ or ] key to tones/alerts, and then press [] key to select.
5. Move [ or ] key to keyboard tone, then press [] key to select.
6. Press [] key to select Open, then enable the keyboard tone, the screen shows keyboard tone is turned on.












Press [] key to select off, then turn off the keyboard sound, the screen shows keyboard tone is turned off.


Power

You can set each channel power level to high or low. Setting: High-power radio implement communications with relatively far distance radios. Low-power radio implement communications with relatively close distance radios.

Press pre-programmed high / low power selection key, you can switch high / low transmit power.

Using the menu function:

1. Press the [] key to enter the menu mode.
2. Move [ or ] key to utilities, and then press [] key to select.
3. Move [ or ] key to radio settings, and then press the [] key to select.
4. Move [ or ] key to power, and then press [] key to select.
5. Follow the on-screen instructions to change the current settings.
6. Press [] key to select the new power level.
7. Return to the previous menu screen.












Press [] to return to the main screen, the screen displays the power level icon.

Backlight

You can turn on or off the screen backlight according to the need. This setting also affects the menu button and the keyboard backlight.

Press a pre-programmed automatical backlight key to switch backlight settings

Using the menu function:

1. Press [] key to enter the menu mode.
2. Move [ or ] key to utilities, and then press [] key to select.
3. Move [ or ] key to radio settings, and then press the [] key to select.
4. Move [ or ] key to backlight, and then press [] key to select.
5. The screen displays always open, 5S, 10S, 15S options, press [] key to select always open, the screen will remain lit and won't turn off, or if you choose 5S, 10S, 15S, the sc-












reen backlight will be off in the corresponding time under users without any operations.

Squelch

You can adjust radio squelch level, thus filtering low signal intensity useless call or channel higher than normal value. Setting: Normal is the default, strict filtering (useless) call or background noise. However, a call from a remote location may also be filtered out.











Press pre-programmed strict / normal squelch button to switch between normal and strict squelch level.


Using the menu function:


1. Press [] key to enter the menu mode.
2. Move [ or ] key to utilities, and then press [] key to select.
3. Move [ or ] key to radio settings, and then press [] key to select.
4. Move [ or ] key to squelch, and then press [] key to select.
5. Select strict or normal, and then press [] key to select.
6. The screen returns to the previous menu.

Intro Screen

If desired, you can enable and disable the Intro Screen display.



















1. Press [] key to enter the menu mode.
2. Move [ or ] key to utilities, and then press [] key to tight.
3. Move [ or ] key to radio settings, and then press the [] key to tight.
4. Move [ or ] key to Intro Screen, then press [] key to select.

5. The screen is on, press [] key to enable the Intro Screen display, the screen displays the boot screen display on.

Or the screen is off, press [] key to close the Intro Screen display, the screen displays the boot screen display off.












Keypad Lock


You can lock the keypad to prevent accidental key input. Ways include manual and automatic keypad lock, which includes 5S, 10S, 15S three options.

1. Press [] key to enter the menu mode.
2. Move [ or ] key to utilities, and then press [] key to select.
3. Move [ or ] key to radio settings, and then press [] key to select.
4. Move [ or ] key to keypad lock, then press [] key to select.
5. Move [ or ] key to manual, and then press [] key to select, screen show to select Manual, you need to long press [] key to lock keypad on the main interface.
6. Move [ or ] key 5S, 10S, 15S, the screen shows to select the corresponding time, then keypad will be locked and return to the main screen if user have not any keypad operation after corresponding period of time.
7. To unlock the keypad, press [] key, then press [] key.
8. Screen shows unlock keyboard, and then return to the main screen.

LED Indicator

If desired, you can activate and deactivate the LED.

1. Press [] key to enter the menu mode.
2. Move [ or ] key to utilities, and then press [] key to select.
3. Move [ or ] key to radio settings, and then press [] key to select.
4. Move [ or ] key to LED indicator, and press [] key to select.
5. The screen displays open, press [] button to enable LDE light, screen shows to turn on the LED light.

Or The screen displays off, press [] button to turn off the LED light, screen shows to turn off the LED light.

If you disable the LED light, buttons and keyboard backlight automatically turns off.

VOX

This function allows you to initiate voice-activated hands-free calls on pre-programmed channels. Whenever a microphone with VOX function detect voice, radio will automatically transmit signals within pre-programmed period of time.












During radio operation press [PTT] key will disable VOX function, to re-enable the VOX function, do one of the following:

- Turn off and return on radio
- Through the channel knob to change the channel, or
- Perform the following procedure:












Note: Enabling or disabling this function is limited to activate radios of these function.

Press pre-programmed VOX on / off key, to turn on or off this function.

Using the menu function:

1. Press [] key to enter the menu mode.
2. Move [ or ] key to utilities, and then press [] key to select.
3. Move [ or ] key to radio settings, and then press the [] key to select.
4. Move [ or ] key to VOX, and then press [] key to select.
5. Screen shows VOX off and VOX level 1-10S, if you choose to turn off, press [] key to disable the VOX function, emitting a beep and the screen displays VOX off. If you choose 1-10S, VOX function is enabled, and the voice transmit sensitivity is on the corresponding level. If you activate the call allowing sound, you can initiate a call using a trigger word. Waiting sound end (if activated), and then speak clearly into the microphone.

Passwd Lock

1. Press [] key to enter the menu mode.
2. Move [ or ] key to utilities, and then press [] key to select.
3. Move [ or ] key to radio settings, and then press [] key to select.
4. Move [ or ] key to passwd lock password, and then press [] key.
5. Use the keypad to enter the correct 8 digits password (You can pre-set by software), and then press the [] key.
6. If the password is incorrect, the screen displays an error code. If the password is correct,

the screen displays options.

7. If the first line shows open, press [**MENU**] key to display the power-on password application.
Next time you need to enter the correct password to turn on radio. If the first line shows off, press [**MENU**] key to display the power-on password cancellation, next time you can directly turn on radio.
8. Move[**▲** or **▼**] key to change power-on password, and then press [**MENU**] key to select.
9. Enter 8 digits new password, and then press [**MENU**] key to select.
10. Once again, enter 8 digits new password, and then press [**MENU**] key to select.
11. Screen displays that password was successfully changed.

Note: The power-on password must be set to eight digits.

Record (Be able to record for more than 8 hours when it's 3000 channels & 10000 contacts)

Record On/Off

Note: Record function is only available on digital mode

1. You can set one of the Buttons Definitions to turn on/off the record
2. Menu operations
 - (1) Press [**MENU**] to enter menu mode
 - (2) Move [**▲** or **▼**] to Utilities, then press [**MENU**] to select

(3) Move [**▲** or **▼**] to select Radio Settings,

(4) Move [**▲** or **▼**] to Record

(5) Move [**▲** or **▼**] to Turn On/ Turn Off

(6) Press [**MENU**] to select

When the record function is turned on, each digital call will be recorded and stored in the Call Log submenu

Record Check/Playback

1 Press [**MENU**] to enter menu mode

2 Move [**▲** or **▼**] to Call Log, press [**MENU**] to select

3 Move [**▲** or **▼**] to Record, press [**MENU**] to select

4 Move [**▲** or **▼**] to record Directory (records will be stored each day), press [**MENU**]

5 Move [**▲** or **▼**] to select the record you need

6 Press [**MENU**] to choose from: Play, Destination ID, Source ID, Date, Time ,Tx/Rx, RecordTime


















7 Press [**MENU**] to select

Clock















Clock settings are divided into:




- Time
- Date

Time

1. Press [] key to enter the menu mode.
2. Move [ or ] key to utilities, and then press [] key to select.
3. Move [ or ] key to radio settings, and then press [] key to select.
4. Move [ or ] key to clock, and then press [] key.
5. Move [ or ] key to time, and then press [] key to display the current time.
6. Press [] key to enter time setting interface.
7. Move [ or ] key to move left and right to select the desired number, the selected number will reverse video display, then enter the corresponding numbers to change the time via the numeric keypad.
8. Press [] key to save, the screen displays the time has been saved.

Date














1. Press [] key to enter the menu mode.
2. Move [ or ] key to utilities, and then press [] key to select.
3. Move [ or ] key to radio settings, and then press [] key to select.
4. Move [ or ] key to clock, and then press [] key.
5. Move [ or ] key to date, and then press [] key to display the current date.
6. Press [] key to enter the time setting interface.

7. Move [ or ] key to move left and right to select the desired numbers, the selected numbers will reverse video display, then enter the corresponding number to change the date via the numeric keypad.
8. Press [] key to save, the screen displays the date has been saved.

Mode

Mode settings are divided into:

- CH Mode
- MR Mode

1. Press [] key to enter the menu mode.
2. Move [ or ] key to utilities, and then press [] key to select.
3. Move [ or ] key to radio settings, and then press [] key to select.
4. Move [ or ] key to mode and then press [] key.
5. Move [ or ] key to select CH mode or MR mode, then press [] key to select the corresponding mode, the screen displays this mode is selected.
6. The main screen will show channel name or frequency (receiving frequency) according to the selected mode.

Private call match

1. press ENT/ MENU to enter the menu.
2. choose the UTILITIES.
3. press ENT/ MENU to enter radio setting, choose Private call Match to confirm.

Note: when Private call match is on, you can communicate the radio directly without the ID match.

Group call match

1. press ENT/ MENU to enter the menu.
2. choose the UTILITIES.
3. press ENT/ MENU to enter radio setting, choose Private call Match to confirm.

Note: when Group call match is on, you can communicate the radio directly without the ID match.

Interrupt:

1. Open the Interrupt in the software.
2. If the radio has et to be allow interrupt , when received the radio which is also set to be : TX interrupt in call criteria. When radio will be in receiving automatically.

Radio Info

Radio contains the following information:

- My Number
- Versions

Note: At any time you can return to the previous screen by pressing the [**BACK**] key.

My Number

1. Press [**MENU**] key to enter the menu mode.
2. Move [**▲** or **▼**] key to utilities, and then press [**MENU**] key to select.

3. Move [**▲** or **▼**] key to radio information, and press [**MENU**] key to select.
4. Move [**▲** or **▼**] key to my number, then press [**MENU**] key.
5. The display shows radio ID and name.

Versions

Display radio firmware version.

1. Move [**MENU**] key to enter the menu mode.
2. Move [**▲** or **▼**] key to utilities, and then press [**MENU**] key to select.
3. Move [**▲** or **▼**] key to radio information, and press [**MENU**] key to select.
4. Move [**▲** or **▼**] key to radio versions, and then press [**MENU**] key.
5. The screen will display the current firmware version, Codeplug version.

Program Radio

Radio configuration mainly includes editing the channel contents

Channel contents can be edited include:

- RX Frequency
- TX Frequency
- Channel Name
- Time out Timer
- CTC/DCS
- Color Code
- Repeater Slot

Rx Frequency

1. Press [**MENU**] key to enter the menu mode.
2. Move [**▲** or **▼**] key to utilities, and then press [**MENU**] key to select.
3. Move [**▲** or **▼**] key to program radio, and then press [**MENU**] key to select.
4. Use the keypad to enter the correct Program radio password (programmed by software), and then press [**MENU**] key to select.
5. Move [**▲** or **▼**] key to receiving frequency, and then press [**MENU**] key to select.
6. The screen displays receiving frequency of the current channel, and then press [**MENU**] key to select.
7. Press the number keys to enter the corresponding number, press [**▲**] key to delete the last number, press [**BACK**] to return to the previous menu.
8. After finish the change, press [**MENU**] key, the screen displays receiving frequency has been saved.

Note: Editing frequency will be limited within the frequency range setted by programming software, if less than the write frequency range setted by software, the final change result will be the minimum frequency of frequency range setted on software, otherwise it is maximum.

Tx Frequency

1. Press [**MENU**] key to enter the menu mode.
2. Move [**▲** or **▼**] key to utilities, and then press [**MENU**] key to select.

3. Move [**▲** or **▼**] key to program radio, and then press [**MENU**] key to select.
4. Use the keypad to enter the correct Program radio password (programmed by software), and then press [**MENU**] key to select.
5. Move [**▲** or **▼**] key to transmitting frequency, and then press [**MENU**] key to select.
6. The screen displays transmitting frequency of the current channel, and then press [**MENU**] key to select.
7. Press the number keys to enter the corresponding number, press [**MENU**] key to delete the last number, press [**BACK**] to return to the previous menu.
8. After finish the change, press [**MENU**] key, the screen displays transmitting frequency has been saved.

Note: Editing frequency will be limited within the frequency range setted by programming software, if less than the write frequency range setted by software, the final change result will be the minimum frequency of frequency range setted on software, otherwise it is maximum.

Channel Name

1. Press [**MENU**] key to enter the menu mode.
2. Move [**▲** or **▼**] key to utilities, and then press [**MENU**] key to select.
3. Move [**▲** or **▼**] key to program radio, and then press [**MENU**] key to select.
4. Use the keypad to enter the correct Program radio password (programmed by software), and then press [**MENU**] key to select.

5. Move [▲ or ▼] key to the channel name and press [MENU] key to select.
6. The screen displays the current channel name, press the [#+] key to switch the input method to enter the relevant letters, numbers or characters, the same as the input method and text editing.
7. After the change is complete, press [MENU] key, the screen displays channel name has been saved.

TOT

1. Press [MENU] key to enter the menu mode.
2. Move [▲ or ▼] key to utilities, and then press [MENU] key to select.
3. Move [▲ or ▼] key to program radio, and then press [MENU] key to select.
4. Use the keypad to enter the correct Program radio password (programmed by software), and then press [MENU] key to select.
5. Move [▲ or ▼] key to TOT, and then press [MENU] key to select.
6. The screen displays infinite, 15S, 30S ... 555S and other options (increasing 15S each time), move [▲ or ▼] key to the corresponding option, then press [MENU] key to select; if you choose infinite, the screen displays transmit time close, if you select others, the screen display corresponding time selected.

CTC/DCS

CTCSS/DCS can only be set on analog mode, including:

- CTCSS/DCS encoding

- CTCSS/DCS decoding

Encode

1. Press [MENU] key to enter the menu mode.
2. Move [▲ or ▼] key to utilities, and then press [MENU] key to select.
3. Move [▲ or ▼] key to program radio, and then press [MENU] key to select.
4. Use the keypad to enter the correct Program radio password (programmed by software), and then press [MENU] key to select.
5. Move [▲ or ▼] key to CTCSS/DCS, and then press [MENU] key to select.
6. Move [▲ or ▼] key to CTCSS/DCS encoding, and then press [MENU] key to select.
7. Screen display off and a set of CTCSS/DCS encoding value, move [▲ or ▼] key to off, and then press [MENU] key to select, and there will be no CTCSS/DCS encoding value, screen displays CTCSS/DCS encoding value off; move [▲ or ▼] key to CTCSS/DCS encoding value, and then press [MENU] key to select, then set the corresponding value, screen displays the corresponding CTCSS/DCS encoding value.

Decode

1. Press [MENU] key to enter the menu mode.
2. Move [▲ or ▼] key to utilities, and then press [MENU] key to select.
3. Move [▲ or ▼] key to program radio, and then press [MENU] key to select.
4. Use the keypad to enter the correct Program radio password (programmed by software),

and then press [MENU] key to select.

5. Move [▲ or ▼] key to CTCSS/DCS, and then press [MENU] key to select.
6. Move [▲ or ▼] key to CTCSS/DCS decoding, and then press [MENU] key to select.
7. Screen display off and a set of CTCSS/DCS decoding value, move [▲ or ▼] key to off, and then press [MENU] key to select, and there will be no CTCSS/DCS decoding value, screen displays CTCSS/DCS decoding value off; move [▲ or ▼] key to CTCSS/DCS decoding value, and then press [MENU] key to select, then set the corresponding value, screen displays the corresponding CTCSS/DCS decoding value.

Color Code

Color code only can be set on digital channels.

1. Press [MENU] key to enter the menu mode.
2. Move [▲ or ▼] key to utilities, and then press [MENU] key to select.
3. Move [▲ or ▼] key to program radio, and then press [MENU] key to select.
4. Use the keypad to enter the correct Program radio password (programmed by software), and then press [MENU] key to select.
5. Move [▲ or ▼] key to color code, then press [MENU] key to select.
6. Move [▲ or ▼] key to select color code values, and then press [MENU] key to select.
Screen shows X(the selected color code value) is selected.

Repeater Slot

Repeater slot only can be set on digital channels.

1. Press [MENU] key to enter the menu mode.
2. Move [▲ or ▼] key to utilities, and then press [MENU] key to select.
3. Move [▲ or ▼] key to program radio, and then press [MENU] key to select.
4. Use the keypad to enter the correct Program radio password (programmed by software), and then press [MENU] key to select.
5. Move [▲ or ▼] key to repeater slot, and then press [MENU] key to select.
6. Move [▲ or ▼] key to select repeater slot values, and then press [MENU] key to select.
Screen shows X(the selected repeater slot value) is selected.

VOX level

1. Press [MENU] to enter menu mode
2. Move [▲ or ▼] to Utilities, then press the [MENU] key
3. Move [▲ or ▼] to radio Programming Radio then press [MENU]
4. Input the correct password of radio set by software press [MENU]
5. Move [▲ or ▼] to VOX then press [MENU]
6. Move [▲ or ▼] to set the VOX level you need, there are level 1-10 to be selected.

Tx Contact

1. Press [MENU] to enter menu mode
2. Move [▲ or ▼] to Utilities, then press the [MENU] key
3. Move [▲ or ▼] to radio Programming Radio then press [MENU]

4. Input the correct password of radio set by software press [MENU]
5. Move [▲ or ▼] to Tx Contact then press [MENU]
6. Move [▲ or ▼] to select the Contacts you need, radio will show the info “TxContact Selected”

Group List

1. Press [MENU] to enter menu mode
2. Move [▲ or ▼] to Utilities, then press the [MENU] key
3. Move [▲ or ▼] to radio Programming Radio then press [MENU]
4. Input the correct password of radio set by software press [MENU]
5. Move [▲ or ▼] to GroupList then press [MENU]
6. Move [▲ or ▼] to GroupList , you will be able to add and delete group members from the selected group list. Or you can move [▲ or ▼] to select to add group list.

Specifications

General		
Frequency Range(MHz)	VHF: 136-174 Mhz	
Channel	1000	
PLL Channel Spacing	6.25/25/12.5/25KHz	
Voltage Rating	DC 13.8V	
Operating Temperature	-30 C ~+60 C	
Storage Temperature	-30 C ~+85 C	
Dimention	143x50x175 mm	
Compatible With American Military Standard	(MIL-STD-810C/D/E)	
Transmitter		
FM Hum and Noise	-40dB @12.5kHz	
Modulation limited	+/-2.5kHz @ 12.5kHz	
Conducted/radiated emission	-36 dBm < 1GHz	-30 dBm >1Ghz < 4GHz
Adjacent channel power	-60 dB @12.5kHz	-65 dB @ 25kHz
Audio Response	+1dB~-3dB	
Audio distortion	3%	
FM modulation	12.5kHz: 11K0F3E	
4FSK digital modulation	12.5kHz only data:7K60FXD 12.5kHz data and audio:7K60FXE	
Digital Protocol	ETSI TS 102361-1, -2, -3	
Digital vocoder type	AMBE++	
Digital agreement	DMR	

Receiver	
Frequency stability (-20 C , +25 C , +60 C)	+/-1.0ppm
Digital Sensibility	0.3uV/-117.4dBm(BER 5%) 0.7uV/-110dBm(BER 1%)
Analogue Sensibility	0.35uV/-116dBm(20dB SINAD) 0.22uV/-120dBm(20dB SINAD)
Rated audio	5W
Adjacent Channel Selectivity	TIA603C:60 dB @ 12.5kHz ETSI: 60 dB @ 12.5kHz
Intermodulation	TIA603C:65 dB ETSI: 65 dB
C0-channel Rejection	12 dB @ 12.5kHz
Spurious Rejection	TIA603C:70 dB ETSI: 70 dB
Audio distortion @ rated audio	≤3%
FM Hum and Noise	-40dB @12.5kHz
Audio response	+1dB~-3dB
Spurious emission	-57dBm@< 1GHz -47dBm@> 1GHz
Bolck	84dB

Warranty card	
<p>Note:</p> <p>1. This warranty card is only applicable to two-way radio of the above-listed model and serial number.</p> <p>2. The warranty card is an important document for the end-user to enjoy warranty service, please keep it well.</p> <p>3. The warranty card shall be filled and chopped by the dealer, or it is invalid.</p>	<p>Customer's name: _____ Gender: _____</p> <p>Add and postal code: _____</p> <p>Customer's Tel: _____</p> <p>Model: _____</p> <p>Serial number: _____</p> <p>Purchasing date: _____</p> <p>Invoice No.: _____</p> <p>Dealer: _____ Stamp: _____</p> <p>Add and postal code of the dealer: _____</p> <p>Contact Tel: _____</p> <p>Handling people: _____</p>

■ FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. Verification of harmful interference by this equipment to radio or television reception can be determined by turning it off and then 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.

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 148 cm between the radiator and body.

This product is compliance to FCC RF Exposure requirements and refers to FCC website <https://apps.fcc.gov/oetcf/eas/reports/GenericSearch.cfm> search for FCC ID: 2AWYH-M2RB to gain further information include SAR values.

WARNING: MODIFICATION OF THIS DEVICE TO RECEIVE CELLULAR RADIOTELEPHONE SERVICE SIGNALS IS PROHIBITED UNDER FCC RULES AND FEDERAL LAW.

■ Licensing Information

Use of the radio in Canada/USA is subject to the rules & regulations of IC/FCC. Changes or modifications not expressly approved by our may void the user authority granted by the IC/FCC to operate this radio and should not be made. To comply with IC/FCC requirements, transmitter adjustments should be made only by or under the supervision of a person certified as technically qualified to perform transmitter maintenance and repairs in the private land mobile and fixed services as certified by an organization representative of the user of those services. Replacement of any transmitter component (crystal, semiconductor, etc) not authorized by the IC/FCC equipment authorization for this radio could violate IC/ FCC rules.

Note:

Use of this radio outside the country where it was intended to be distributed is subject to government regulations and may be prohibited.

Important:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device. Your radio is set up to transmit a regulated signal on an assigned frequency. It is against the law to alter or adjust the settings inside the radio to exceed those limitations. Any adjustments to your radio must be made by qualified technicians.

To be safe and sure:

- Never open your radio's case.
- Never change or replace anything in your radio except the battery.
- Any attempt to change frequencies or output power of the radio invalidates the approval

WARNING!

It is up to the user to properly operate this radio transmitter to insure safe operation. Please adhere to the following:

- Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the radio, or result in violation of FCC regulations.
- Do not use the radio with a damaged antenna.
- If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for a replacement antenna.

Thank you for buying two-way radios, we will do our best to provide you with a stable, clear and efficient wireless communication services. In order for you to enjoy a better quality warranty service, please focus on the following information:

The products warranty period begins from the purchasing date, if product failure under normal use within warranty period occurs, according to the contents of this warranty, (the radio is guaranteed for 12 months, accessories 6 months), please carry the warranty card originals and purchase invoice to designated authorized warranty repair station for warranty service.

The following situations occur during warranty period will be implemented in paid service:

- (1) Failure to produce the warranty card
- (2) The card has altered traces or inconsistent with the product
- (3) Defect or damage caused by abnormal or non-normal use
- (4) Defect or damage caused by misuse, accident, water or negligence
- (5) Defect or damage caused by improper testing, operation, maintenance, installation, disassembly or adjustment
- (6) Defect or damage caused by unauthorized repair or disassembly
- (7) Defect or damage caused by force majeure
- (8) Wear and tear under normal use

When you are in need of repair, please send the radio, warranty card and purchase invoice together by post or take directly to designated authorized service stations, shipping costs should be borne by the user.

Maintenance record

Carry-in date			
Completion date			
Fault description			
Maintenance staff numbers			
Maintenance personnel No.			
Signature			

This warranty card to be kept by the user, no replenishment if lost