



RECYCLED PACKAGING



Shenzhen Retevis Technology Co., Ltd.

7/F, 13-C, Zhonghaixin Science & Technology Park, No. 12 Ganli
6th Road, Jihua Street, Longgang District, Shenzhen, China

Web: www.retevis.com

E-mail: kam@retevis.com

Facebook: facebook.com/retevis

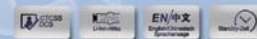


MADE IN CHINA



RETEVIS
PORTABLE TWO-WAY RADIO

H777



User's Manual

EU Importer:
Name: Germany Retevis Technology GmbH
Address: Uetzenacker 29,38176 wendeburg

THANK YOU

We are grateful for your choice of our transceiver. We believe that this easy-to-use transceiver will provide dependable and cost-effective communications for you.

Our professional two-way radios incorporate the latest in advanced technology and craft. So you will be pleased with the quality and features of our products. Please read this manual carefully to ensure you know how to properly operate the radio before use.

PRECAUTIONS

- 1. Refer service to qualified technicians only.
- 2. Do not disassemble or modify the transceiver for any reason.
- 3. Do not expose the transceiver under direct sunlight long time or to extremely hot condition.
- 4. Do not place the transceiver on the unstable surface.
- 5. Keep the transceiver out of dust, moisture,and water.
- 6. Do not operate the transceiver or charge the battery pack unde explosive conditions.

CONTENT

RETEVIS

MORE OPTIONAL ACCESSORIES OF RETEVIS----- 04

UNPACKING AND CHECKING EQUIPMENTS ----- 05

SUPPLIED ACCESSORIES ----- 05

CHARGING THE LI-ION BATTERY PACK----- 06

JUST SEE THE FOLLOWING INSTRUCTIONS ----- 06

INSTALLING/REMOVING THE BATTERY PACK ----- 07

INSTALLING BELT CLIP ----- 08

INSTALLING THE (OPTIONAL) SPEAKER/MICROPHONE---- 08

GETTING Familiar ----- 09

OPERATION----- 10

ADJUSTING THE VOLUME ----- 10

SELECTING THE CHANNEL ----- 10

TRANSMITTING----- 10

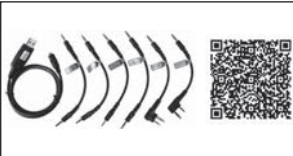
ADDITIONAL FUNCTIONS ----- 11

SPECIFICATIONS ----- 13

TROUBLE SHOOTING GUIDE ----- 15

Guarantee Card ----- 27

MORE OPTIONAL ACCESSORIES OF RETEVIS



6 in 1 programming cable kit



Acoustic tube headset



Programming cable



Throat mic



Speaker microphone

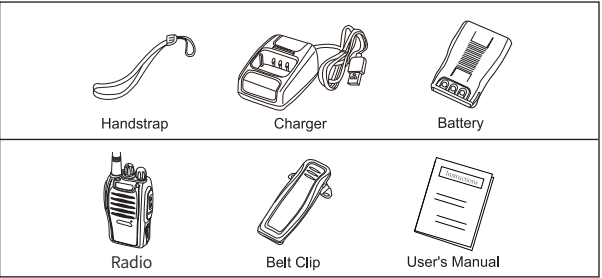
Note:
For more information, Please visit our website: www.retevis.com

UNPACKING AND CHECKING EQUIPMENTS

Carefully unpack the transceiver. We recommend that you identify the items listed in the following table before discarding the packing material. If any items are missing or have been damaged during shipment, please contact the dealers immediately.

SUPPLIED ACCESSORIES

Item Name	One set/package	Two set/package
Radio	1	2
Hand strap	1	2
Charger	1	2
Battery	1	2
Belt Clip	1	2
User's Manual	1	1

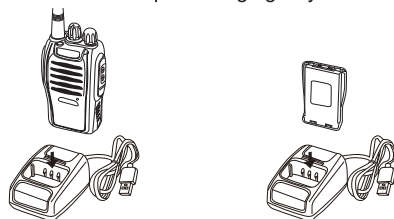


CHARGING THE LI-ION BATTERY PACK

Please charge the new battery pack before using it. The new or stored (more than two months) battery pack, which can not reach its full capacity for the first charging. After 2 or 3 times charging and discharging, it can reach full charge.

JUST SEE THE FOLLOWING INSTRUCTIONS

1. Plug the adapter into an electric socket.
2. Insert the transceiver or battery into the drop-in charging tray.
3. Ensure that the battery's contacts connect with the drop-in charging tray properly, while the charging is taking place, the light will glow red.
4. After 3 hours charging, the LED indicator will light green which means the full charge. Now remove the battery or the transceiver from the drop-in charging tray.



Note:
Do not recharge the battery pack if it is fully charged. Doing so may cause the life of the battery pack to shorten or the battery pack may be damaged.

INSTALLING/REMOVING THE BATTERY PACK

The usage time of H777 Battery Pack is about 8 hours, which is based upon 5% transmit/5% receive/90% standby (standard duty cycle). See following images:

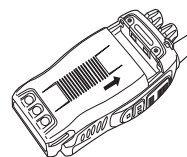


Figure 1

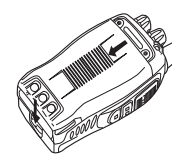


Figure 2

Caution:

1. Do not short-circuit the terminals of the battery or throw the battery into the fire.
2. Do not disassemble the battery pack yourself.

Note:

The antenna is neither a handle, a key ring retainer, nor a speaker, microphone attachment point. Using the antenna in these ways may damage the antenna and degrade your transceiver's performance.

INSTALLING BELT CLIP

If the belt clip is not installed, its mounting location may get hot during continuous transmission or under heated environment.

Note:

If the belt clip is not installed, its mounting location may get hot during continuous transmission or under heated environment.

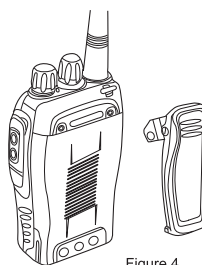


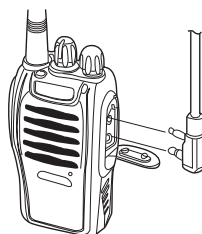
Figure 4

INSTALLING THE (OPTIONAL) SPEAKER/MICROPHONE

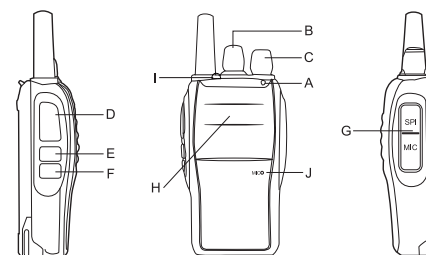
Insert the speaker/microphone plugs into the speaker/microphone jacks of the transceiver.

Note:

The transceiver is not fully water resistant when using speaker/microphone.



GETTING Familiar

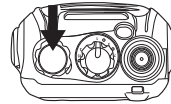


- A. Led Indicator**---The LED indicator lights continuously red when transmitting. And lights green when in reception condition.
- B. Channel Switch**---Rotate it to select the channel. No.16 channel is scanning channel.
- C. POWER SWITCH/VOLUME CONTROL**
Turn clockwise to switch ON the transceiver.
Turn counterclockwise fully to switch OFF the transceiver. Rotate to adjust the volume.
- D. PTT (PUSH-TO-TALK) BUTTON**
Press this button, then speak into the microphone to call a station. Release to receive a call.
- E. MONITOR BUTTON**
Press and hold (Squelch OFF) to hear the background noise;Release to return to normal operation
- F. FUNCTION KEY**---Just press to activate the torch function
- G. SPEAKER/MICROPHONE JACKS**
- H. SPEAKER**
- I. LED Torch**
- J. Mic Hole**

OPERATION

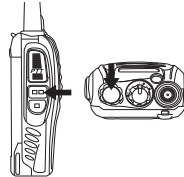
SWITCHING POWER ON/OFF

Turn the power switch/volume control clockwise. You will hear a beep and speech, indicating the transceiver is ON.



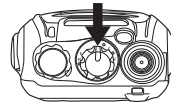
ADJUSTING THE VOLUME

Hold Monitor button down to listen to audio level while rotating the Power switch/Volume control. Rotate clockwise to increase and counterclockwise to decrease volume.



SELECTING THE CHANNEL

Turn the channel switch to select your desired channel. NO.16 is Scanning Channel.



TRANSMITTING

To transmit, press and hold [PTT] and speak into the microphone in your normal tone of voice.

The LED indicator lights continuously red when transmitting.

To maximize sound clarity at the receiving station, hold the transceiver 2 to 3 inches from mouth and talk in normal tone of voice.



ADDITIONAL FUNCTIONS

SQUELCH LEVEL

The purpose of Squelch is to mute the speaker when no signals are present (Squelch OFF). With the squelch level correctly set, you will hear sound only while actually receiving signals (Squelch ON). The squelch level can be adjusted via program software.

TIME OUT TIMER (TOT)

The purpose of the Time out Timer is to prevent any caller from using a channel for an extended period of time which will cause thermal damage. The built-in Time-out Timer limits each transmission time to a certain time. The transmission time extends the certain time you set, an alert tone will sound.

SCAN

Scan is a useful function for hands-off monitoring of your favorite frequencies. When transceiver is set as SCAN via software, turn the channel selector to channel 16, the transceiver will automatically detect the activities of scanning channel from 1 to 15 (Different channel can be set) .

1. The transceiver stops scanning at the frequency (or memory channel) where a signal is detected. It then continues or stops scanning.
2. If there are less than 2 channels, it can not scan.

VOICE PROMPT

1. Voice Prompt ON/OFF can be set via software.
2. On channel 10, press PTT and MONI key, then switch on the transceiver to choose different voice prompt languages.

EMERGENCY ALERT FUNCTION

If necessary, you can pre-program the Side key E into the Alarm function via CPS programming software.
Turn on the radio, short press the side key E key to turn on the alarm function. Press the side key E again to release the emergency alarm status.
CPS programming path: Edit> Function Setting> Side Key> Alarm

Battery Saver

The battery saver function will decrease the amount of power used when a signal is not being received and no operations are being performed(no keys are being pressed, and no switches are being turned).
While the channel is not busy and no operation is performed for more than 10 seconds, Battery Saver turns ON.

When a signal is received or an operation is performed, Battery Saver turns OFF.

BATTERY LOW ALERT

Battery Low Alert reminds you of recharging.
When the battery power is very low, an alert tone will sound and the LED indicator will blink red. Please recharge or replace the battery pack.

MONITOR

When you are receiving and no signals present, the squelch function can mute the speaker, so you can not hear the background noise. If you want to switch the squelch function OFF, press and hold [MONI] button. It is very helpful when you want to adjust the volume level and receive the weak signals.

BUSY CHANNEL LOCK-OUT (BCL)

Busy Channel Lock-out function can be turned ON/OFF with program software on every channel.

When activated, BCL prevents you from interfering with other parties who may be using the same channel that you selected. Pressing the PTT switch while the channel is in use will cause your transceiver to emit an alert tone and transmission will be inhibited (you cannot transmit). Release the PTT switch to stop the tone and return to receive mode.

CTCSS/DCS

CTCSS (Continuous Tone Coded Squelch System)/ (Digital Coded Squelch) You may sometimes want to hear calls from only specific persons or groups. In this case, use the selective call which allows You to ignore unwanted calls from other persons who are using the same frequency.

CTCSS or DCS is a sub-audible tone and is selectable from among the 39 or 83 tone frequency listed.

Note:

CTCSS and DCS do not cause your conversation to be private and scrambled. It only relieves you from listening to unwanted conversations.

FLASHLIGHT

With H777 turned on, shortly press the Side Key F to turn on/off the flashlight at the top side of the radio.

SPECIFICATIONS

General	
Frequency Range	FRS 462.5500-462.7250MHz
RF Rated Power	≤ 2W
Channel Capacity	16H
Working Voltage	3.7V
Working Temperature	-20°C~60°C
Antenna Impedence	50Ω
Working Mode	Simplex
Dimension	170*57*35mm

Weight	157g
Receiver	
Adjacent Channel Selectivity	-122dBm
intermodulation rejection	≥55dB@12.5KHz
Rated audio power	≥58dB
Audio response	≥0.5W@8ohms
Rated audio distortion	±1~-3db(0.3~3khz)
Working Mode	≤5%
Transmitter	
output power	H:≤2W
modulation mode	11K0F3E@12.5KHz
Modulation noise	≥40dB@12.5KHz
Stray radiation	-36dBm<1GHz, -30dBm>1GHz
Adjacent channel power	≤-60dB@12.5KHz
Audio response	±1~-3db(0.3~3khz)
Modulation distortion	≤3%

Frequency Allocation (FRS 16H)

CH	Frequency	CTCSS	Power
1	462.5625	67.0	High
2	462.5875	118.8	High
3	462.6125	127.3	High
4	462.6375	131.8	High
5	462.6625	136.5	High
6	462.6250	127.3	High
7	462.7250	136.5	High
8	462.6875	141.3	High
9	462.7125	146.2	High

10	462.5500	123.0	High
11	462.5750	D743I	High
12	462.6000	D332I	High
13	462.6500	D243I	High
14	462.6750	D606N	High
15	462.7000	D731I	High
16	462.7250	D462I	High

Note:

All specifications are subject to change without notice.

TROUBLE SHOOTING GUIDE

TROUBLES	GUIDE
No Power	Check battery installation and/or replace batteries. Voltage Capacity Quickly Go Out. The battery life is over, replace new one.
Couldn't I communicate with other group members.	First, please verify that the channel frequency and the CTCSS you are using are the same as those of your group members. If the channel frequency and the CTCSS are the same, please verify that your group members are within the radio coverage
Hear the voice from other groups.	Please change your CTCSS for the channel. At the same time, you also need to the CTCSS for all the radios in your group. If you don't like this, you may apply another channel frequency.
Why can I hear the voices clearly from other group, sometimes, my voice is intermittent.	Please check whether the MIC is blocked by something. If so, Please return the radio to your authorized dealer for maintenance. Sometimes, your frequency is same as the frequency of other groups.
Can't turn on the radio and even it is turned on, it often shuts off automatically.	Please check the battery contacts on the radio. If it is broken or twisted, please return the radio to your authorized dealer for maintenance

Retevis Two Way Radio Computer Programming Operation Instruction

Computer System Requirements

Operating system: W98, WME, WXP, WVT, W7, W8, Win10

Hard disk space: more than 50MB

The minimum memory: 64M

Preparation

1. Download Programming Driver and select the driver that match with your own system.
2. Install the Programming Driver (Or install it by running Software CD).
3. Download and install Programming Software (Or install it by running Software CD).
4. Connecting Personal Computer (PC) with the radio by the corresponding programming cable.

Note: 1. Serial port programming cable can be programmed directly. No installation needed.

2. Ensure the radio is full of power and is on.

Start Programming

1. Run programming software and click Setup-communication port. Choose the correct port corresponding with your PC. Otherwise, the radio will fail connecting with PC.
2. Click Program-Read From Radio, to upload frequencies from radio to software. The process will take a few seconds. Then you will find all channel settings show up.
3. Select the certain channel you want to modify and click Edit-Channel Edit/Batch Channel Edit.
4. Click Function Setting enable to modify general settings of the radio.
5. Click Program-Write To Radio, when finishing programming.

Relative Problem Solving

When no response while "reading or writing frequency" or connection error occur, you could:

- Check USB cable condition. Does it get damaged?
- Check USB cable or Serial port with PC/RADIO. Does it get damaged or loose?
- Check the radio power. If the power is low, please change a new battery or charge soon.
- Check if the radio is on when programming.
- Check if the software matches with the radio model.
- Check if you choose the correct driver that corresponds with your PC system.
- Check if you choose the correct communication port that corresponds with your PC.

Communication failure between two radios after finishing programming, you could:

- Confirm that two radios are in the same channel.
- Confirm that the CTCSS/CDS are same after programming two radios
- Confirm the radio volume is high enough.
- Confirm radios are all open and full of power.
- Confirm radios connected antenna well.
- Confirm the range between two radios. The maximum range would be 3km.

THE WEBSITE TO DOWNLOAD THE PROGRAMMING SOFTWARE:

<https://www.retevis.com/resources-center>

- Do not place a portable radio in the area over an air bag or in the air bag deployment area. The radio may be propelled with great force and cause serious injury to occupants of the vehicle when the air bag inflates.
- To reduce risk
- Pull by the plug rather than the cord when disconnecting the charger.
- Unplug the charger from the AC outlet before attempting any maintenance or cleaning.
- Contact Retevis for assistance regarding repairs and service.
- Use of Communication Devices While Driving
- Always check the laws and regulations on the use of radios in the countries and areas where you drive.
- Give your full attention to driving and to the road.
- If available, use the hands-free facility.
- If driving conditions or regulations require it, pull off the road and park before making or answering a call.

Approved Accessories



- This radio meets the RF exposure guidelines when used with the Retevis accessories supplied or designated for the product. Use of other accessories may not ensure compliance with the RF exposure guidelines and may violate regulations.
- For a list of Retevis-approved accessories for your radio model, visit the following website: <http://www.Retevis.com>

Guarantee

Model Number: _____
 Serial Number: _____
 Purchasing Date: _____
 Dealer: _____ Telephone: _____
 User's Name: _____ Telephone: _____
 Country: _____ Address: _____
 Post Code: _____ Email: _____

Remarks:

- 1.This guarantee card should be kept by the user, no replacement if lost.
- 2.Most new products carry a two-year manufacturer's warranty from the date of purchase. Further details, pls read <http://www.retevis.com/after-sale/>
- 3.The user can get warranty and after-sales service as below:
 - Contact the seller where you buy.
 - Products Repaired by Our Local Repair Center
- 4.For warranty service, you will need to provide a receipt proof of purchase from the actual seller for verification

Exclusions from Warranty Coverage:

- 1.To any product damaged by accident.
- 2.In the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs.
- 3.If the serial number has been altered, defaced, or removed.

Guarantee

Model Number: _____
 Serial Number: _____
 Purchasing Date: _____
 Dealer: _____ Telephone: _____
 User's Name: _____ Telephone: _____
 Country: _____ Address: _____
 Post Code: _____ Email: _____

Remarks:

- 1.This guarantee card should be kept by the user, no replacement if lost.
- 2.Most new products carry a two-year manufacturer's warranty from the date of purchase. Further details, pls read <http://www.retevis.com/after-sale/>
- 3.The user can get warranty and after-sales service as below:
 - Contact the seller where you buy.
 - Products Repaired by Our Local Repair Center
- 4.For warranty service, you will need to provide a receipt proof of purchase from the actual seller for verification

Exclusions from Warranty Coverage:

- 1.To any product damaged by accident.
- 2.In the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs.
- 3.If the serial number has been altered, defaced, or removed.

Rf Energy Exposure And Product Safety Guide For Portable Two-way Radios



ATTENTION!

Before using this radio, read this guide which contains important operating instructions for safe usage and RF energy awareness and control for compliance with applicable standards and regulations.

This two-way radio uses electromagnetic energy in the radio frequency (RF) spectrum to provide communications between two or more users over a distance. RF energy, which when used improperly, can cause biological damage.

All Retevis two-way radios are designed, manufactured, and tested to ensure they meet government-established RF exposure levels. In addition, manufacturers also recommend specific operating instructions to users of two-way radios. These instructions are important because they inform users about RF energy exposure and provide simple procedures on how to control it.

Please refer to the following websites for more information on what RF energy exposure is and how to control your exposure to assure compliance with established RF exposure limits: <http://www.who.int/en/>

Local Government Regulations

When two-way radios are used as a consequence of employment, the Local Government Regulations requires users to be fully aware of and able to control their exposure to meet occupational requirements. Exposure awareness can be facilitated by the use of a product label directing users to specific user awareness information. Your Retevis two-way radio has a RF Exposure Product Label. Also, your Retevis user manual, or separate safety booklet includes

information and operating instructions required to control your RF exposure and to satisfy compliance requirements.

Radio License

Governments keep the radios in classification, business two-way radios operate on radio frequencies that are regulated by the local radio management departments (FCC, ISED, OFCOM, ANFR, BFTK, Bundesnetzagentur...). To transmit on these frequencies, you are required to have a license issued by them. The detailed classification and the use of your two radios, please contact the local government radio management departments.

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

Unauthorized modification and adjustment

Changes or modifications not expressly approved by the party responsible for compliance may void the user's authority granted by the local government radio management departments to operate this radio and should not be made. To comply with the corresponding 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 local government radio management departments equipment authorization for this radio could violate the rules.

FCC Requirements:

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this

device does not cause harmful interference. (Licensed radios are applicable);

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (Other devices are applicable)

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

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

CE Requirements:

- (Simple EU declaration of conformity) Shenzhen Retevis Technology Co., Ltd. declares that the radio equipment type is in compliance with the essential requirements and other relevant provisions of RED Directive 2014/53/EU and the ROHS Directive 2011/65/EU and the WEEE Directive 2012/19/EU; the full text of the EU declaration of conformity is available at the following internet address: www.retevis.com.

• Restriction Information

This product can be used in EU countries and regions, including: Belgium (BE), Bulgaria (BG), Czech Republic (CZ), Denmark (DK), Germany (DE), Estonia (EE), Ireland (IE), Greece (EL), Spain (ES), France (FR), Croatia (HR), Italy (IT), Cyprus (CY), Latvia (LV), Lithuania (LT).

Luxembourg (LU), Hungary (HU), Malta (MT), Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Slovenia (SI), Slovakia (SK), Finland (FI), Sweden (SE) and United Kingdom (UK).

For the warning information of the frequency restriction, please refer to the package or manual section.

• Disposal

The crossed-out wheeled-bin symbol on your product, literature, or packaging reminds you that in the European Union, all electrical and electronic products, batteries, and accumulators (rechargeable batteries) must be taken to designated collection locations at the end of their working life. Do not dispose of these products as unsorted municipal waste. Dispose of them according to the laws in your area.



IC Requirements:

Licence-exempt radio apparatus

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

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

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage;
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

RF Exposure Information

- General population/uncontrolled Radio, this radio is designed for and classified as "General population/uncontrolled Use".
- DO NOT operate the radio without a proper antenna attached, as this may damage the radio and may also cause you to exceed RF exposure limits. A proper antenna is the antenna supplied with this radio by the manufacturer or an antenna specifically authorized by the manufacturer for use with this radio, and the antenna gain shall not exceed the specified gain by the manufacturer declared.
- DO NOT transmit for more than 75% of total radio use time, more than 75% of the time can cause RF exposure compliance requirements to be exceeded.
- During transmissions, your radio generates RF energy that can possibly cause interference with other devices or systems. To avoid such interference, turn off the radio in areas where signs are posted to do so.
- DO NOT operate the transmitter in areas that are sensitive to electromagnetic radiation such as hospitals, aircraft, and blasting sites.
- Portable Device, this transmitter may operate with the antenna(s) documented in this filing in Push-to-Talk and body-worn configurations. RF exposure compliance is limited to the specific belt-clip and accessory configurations as documented in this filing and the separation distance between user and the device or its antenna shall be at least 2.5 cm.
- Mobile Device, during operation, the separation distance between user and the antenna subjects to actual regulations, this separation distance will ensure that there is sufficient distance from a properly installed externally-mounted antenna to satisfy the RF exposure requirements.

RF Exposure Compliance and Control Guidelines and Operating Instructions

To control your exposure and ensure compliance with the General population/uncontrolled Radio environment exposure limits, always adhere to the following procedures.

Guidelines:

- User awareness instructions should accompany the device when transferred to other users.
- Do not use this device if the operational requirements described herein are not met.

Operating Instructions:

- Transmit no more than the rated duty factor of 50% of the time. To Transmit (Talk), push the Push to Talk (PTT) button. To receive calls (listen), release the PTT button. Transmitting 50% of the time, or less, is important because the radio generates measurable RF energy exposure only when transmitting in terms of measuring for standards compliance.
- Transmit only when people outside the vehicle are at least the recommended minimum lateral distance away from a properly installed according to installation instructions, externally mounted antenna.
- When operating in front of the face, worn on the body, always place the radio in a Retevis approved clip, holder, holster, case, or body harness for this product. Using approved body-worn accessories is important because the use of Non-Retevis approved accessories may result in exposure levels, which exceed the IEEE/ICNIRP RF exposure limits.

Hand-held Mode

- Hold the radio in a vertical position with the microphone (and other parts of the radio including the antenna) at least 2.5 cm (one inch) away from the nose or lips. The antenna should be kept away from the eyes. Keeping the



radio at a proper distance is important as RF exposure decreases with increasing distance from the antenna.

Phone Mode

- When placing or receiving a phone call, hold your radio product as you would a wireless telephone. Speak directly into the microphone.

Electromagnetic Interference/Compatibility

NOTE: Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility.

Avoid Choking Hazard



Small Parts. Not for children under 3 years.

Turn off your radio power in the following conditions:



WARNING

- Turn off your radio before removing (installing) a battery or accessory or when charging battery.
- Turn off your radio when you are in a potentially hazardous environments: Near electrical blasting caps, in a blasting area, in explosive atmospheres (flammable gas, dust particles, metallic powders, grain powders, etc.).
- Turn off your radio while taking on fuel or while parked at gasoline service stations.


WARNING

To avoid electromagnetic interference and/or compatibility conflicts

- Turn off your radio in any facility where posted notices instruct you to do so, hospitals or health care facilities (Pacemakers, Hearing Aids and Other Medical Devices) may be using equipment that is sensitive to external RF energy.
- Turn off your radio when on board an aircraft. Any use of a radio must be in accordance with applicable regulations per airline crew instructions.

Protect your hearing:


WARNING

- Use the lowest volume necessary to do your job.
- Turn up the volume only if you are in noisy surroundings.
- Turn down the volume before adding headset or earpiece.
- Limit the amount of time you use headsets or earpieces at high volume.
- When using the radio without a headset or earpiece, do not place the radio's speaker directly against your ear.
- Use careful with the earphone maybe possible excessive sound pressure from earphones and headphones can cause hearing loss.

Note: Exposure to loud noises from any source for extended periods of time may temporarily or permanently affect your hearing. The louder the radio's volume, the less time is required before your hearing could be affected. Hearing damage from loud noise is sometimes undetectable at first and can have a cumulative effect.



Avoid Burns


WARNING

Antennas

- Do not use any portable radio that has a damaged antenna. If a damaged antenna comes into contact with the skin when the radio is in use, a minor burn can result.

Batteries (If appropriate)

- When the conductive material such as jewelry, keys or chains touch exposed terminals of the batteries, may complete an electrical circuit (short circuit the battery) and become hot to cause bodily injury such as burns. Exercise care in handling any battery, particularly when placing it inside a pocket, purse or other container with metal objects.

Long transmission

- When the transceiver is used for long transmissions, the radiator and chassis will become hot.

Safety Operation


WARNING

Forbid

- Do not use charger outdoors or in moist environments, use only in dry locations/conditions.
- Do not disassemble the charger, that may result in risk of electrical shock or fire.
- Do not operate the charger if it has been broken or damaged in any way.
- Do not place a portable radio in the area over an air bag or in the air bag deployment area. The radio may be propelled with great force and cause serious injury to occupants of the vehicle when the air bag inflates.


WARNING

To reduce risk

- Pull by the plug rather than the cord when disconnecting the charger.
- Unplug the charger from the AC outlet before attempting any maintenance or cleaning.
- Contact Retevis for assistance regarding repairs and service.
- The adapter shall be installed near the equipment and shall be easily accessible.

Approved Accessories


WARNING

- This radio meets the RF exposure guidelines when used with the Retevis accessories supplied or designated for the product. Use of other accessories may not ensure compliance with the RF exposure guidelines and may violate regulations.
- For a list of Retevis-approved accessories for your radio model, visit the following website: <http://www.Retevis.com>

Thank you for buying Retevis 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 Retevis 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 Retevis 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