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MADE IN CHINA

**RETEVIS**



US

# RT41 Walkie Talkie User Guide



Read this operating instruction carefully before using your Retevis RT41 two way radio, including the part on Product Safety and RF Energy Exposure Compliance



- |                                    |                              |
|------------------------------------|------------------------------|
| 1. Antenna                         | 9. Menu/Power Button         |
| 2. Volume Knob                     | 10. NOAA/Scan Button         |
| 3. Backlit LCD Display             | 11. Call/Lock Button         |
| 4. External Speaker/<br>Microphone | 12. PTT(Pull to talk) Button |
| 5. Up Button                       | 13. Wrist Strap Connection   |
| 6. Down Button                     | 14. Belt Clip                |
| 7. Microphone                      | 15. Battery Compartment      |
| 8. Speaker                         | 16. Battery Door Latch       |

## Product Features

TECHNICAL PARAMETERS	
Product number	RT41
Frequency range	FRS
Channel number	22
Channel spacing	12.5KHz
Working voltage	3.6V
Frequency stability	±2.5ppm
Operating temperature range	-10℃~50℃
The antenna impedance	50Ω
Overall dimensions	160*54*41mm (Include Antenna)
Weight	120g

TRANSMITTER	
Rf power	1.0W /0.5w
Modulation method	F3E
Noise and harmonic	-40dB
Residual Radiation	≤-35dB
Modulation distortion	≤7%
Maximum deviation	≤±5KHz

RECEIVER	
The sensitivity	≤0.2uV
Modulation receiver bandwidth	±5KHz
Adjacent selective	≥40dB
Intermodulation interference resistance	≥35dB
Spurious response inhibition	≥70dB
Audio output power	≥300mW
Audio distortion	≤8%

## Product Features

Channel	Frequency(MHz)	Channel	Frequency(MHz)
1	462.5625	12	467.6625
2	462.5875	13	467.6875
3	462.6125	14	467.7125
4	462.6375	15	462.5500
5	462.6625	16	462.5750
6	462.6875	17	462.6000
7	462.7125	18	462.6250
8	467.5625	19	462.6500
9	467.5875	20	462.6750
10	467.6125	21	462.7000
11	467.6375	22	462.7250

## Features

- **22 Channels**  
Seven shared with FRS/GMRS, seven FRS only, eight GMRS only.
- **10 Channel NOAA All Hazards Radio**
- **Weather Alert**
- **121 Privacy Codes**  
(38 CTCSS codes/83 DCS codes)
- **Hands-Free Operation (VOX)**
- **Scan**  
Channels, privacy codes
- **Backlit LCD Display**
- **Call Alert**  
Ten selectable tones
- **Button Lock**
- **Speaker/Microphone/Jack**
- **Roger Beep**  
Selectable On/Off
- **Battery/Power Saver**
- **Keystroke Tones**
- **Battery Level Indicator**
- **Low Battery Audible Alert**
- **Auto Squelch**
- **Belt Clip**



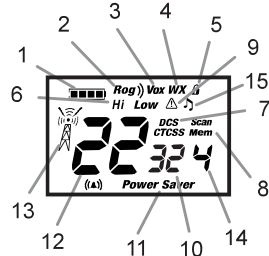
### Important FCC Licensing Information

This radio operates on General Mobile Radio Service (GMRS) frequencies which require a Federal Communications Commission (FCC) license. See page 15 for licensing and other related information.



Maximum range may vary and is based on unobstructed line-of-sight communication under ideal conditions.

## Backlit LCD Display



1. Battery Level Indicator
2. Roger Beep Icon
3. VOX Icon
4. Weather Icon
5. Lock Icon
6. Hi/Low Power Icon
7. DCS/CTCSS Icons
8. Scan/Memory Icon
9. Weather Alert Icon
10. DCS/CTCSS Privacy Code Numbers
11. Power Saver Icon
12. Channel Numbers
13. Receive/Transmit Icon
14. Memory Channel Number
15. Key Tone Icon

## Installing Batteries

### To install or replace batteries:

1. Remove belt clip by releasing belt clip latch and sliding clip up.
2. Pull the battery door lock tab down to release the battery cover.
3. Insert the cable of the supplied one lion rechargeable Into the battery jack.
4. Put the battery cover back into place. Snap the lock tab and belt clip back into place.

### For charging radio(s) :

1. Insert the USB cable into charging jack on right of the radio.
2. Plug the USB cable into power port.

The radio will display flashing battery icon while charging. And when charging complete, the cycle moving will be stopped.

Recommends your radio be turned off while being charged.



### Quick Start

1. Press and hold the Menu/Power button to turn on your radio.
2. Press the Menu. Press the Up or Down button to select a channel.



Both radios must be tuned to the same channel/privacy code to communicate.

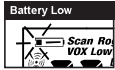
3. Press and hold the PTT button while speaking into the microphone.
4. When finished talking, release the PTT button and listen for a response.

## Turning on Your Radio



Press and hold the Menu/Power button until you hear a series of audible tones indicating the radio is on. Your radio is now in Standby mode, ready to receive transmissions. The radio is always in Standby mode except when the Talk, Call or Mode/Power buttons are pressed.

## Battery Low



When battery power is low, the final bar in the Battery Low icon will blink and an audible tone will sound twice before the radio shuts off. Your batteries should be replaced or recharged, if using rechargeable batteries.



The radio will display flashing battery icon while charging.

## Auto Battery Save



If there are no transmissions within 10 seconds, the radio will automatically switch to Battery Save mode and the Power Saver icon will flash in the display. This will not affect the radio's ability to receive incoming transmissions.

## Communicating with Another Person

1. Press and hold the PTT button.
2. With the microphone about two inches (5 cm) from your mouth, speak in a normal voice.
3. Release the PTT button when you are finished talking and listen for a response. You cannot receive incoming calls while pressing the PTT button. Both radios must be tuned to the same channel/privacy code to communicate.

## To Select a Channel



With the radio on, select any of the 22 channels by pressing Menu and the Up or Channel Down button. Both radios must be tuned to the same channel to communicate.

Channels 1 through 7 are GMRS only.

Channels 8 through 14 are FRS only.

Channels 15 through 22 are GMRS only.

## Listening for a Response

Release the PTT button to receive incoming transmissions. Your radio is always in Standby mode while the Talk or Call buttons are not pressed.

## To Adjust Volume



Rotate Volume Knob until you reach a comfortable listening level. Rotate Volume Knob clockwise to increase the volume or counterclockwise to decrease the volume.

## Call Button



Press and release the Call button. The other person will hear a two second call tone. This tone is used only to establish voice communications. See page 13 on how to select between ten call tone settings.

## Lock Function



The Lock function locks the Up, Down and Mode/Power buttons to prevent accidental operation.

To turn the lock on or off:

- Press and hold the Call/Lock button for two seconds.

A double beep sound is used to confirm your lock on or off request. When in Lock mode, the Lock icon will be displayed.



## Scrolling Through the Menu Function

By scrolling through the MENU function, you will be able to select or turn on preferred features of your radio. When scrolling through the Menu function, your radio features will be displayed in the same predetermined order:



- Set Channels
- Set CTCSS Privacy Codes
- Set DCS Privacy Codes
- Set Vox On/Off
- Set Vox Sensitivity
- Set Call Tones 1-10
- Set Roger Beep On/Off
- Set Key Tones On/Off

## Privacy Codes

Your radio incorporates two advanced coded squelch systems that can help to reduce interference from other users on any given channel. CTCSS (Continuous Tone Coded Squelch System) provides 38 privacy codes and DCS (Digital I Coded Squelch) provides 83 privacy codes. This provides a total of 121 Privacy Codes. Either system can be used on all I channels, but both systems cannot be used on the same channel at the same time.



To successfully communicate using a privacy code, both the sending and receiving radios must be tuned to the same channel and to the same privacy code system (CTCSS or DCS) and privacy code number. Each channel will remember the last privacy code system and number you select.



The privacy code 0F is not a privacy code, but allows all signals to be heard on a channel that is set to 0F on both the CTCSS and DCS systems.

## Set CTCSS Privacy Codes



To select a CTCSS privacy code:

1. After selecting a channel, press the Menu/Power button until the CTCSS icon appears and the small numbers next to the channel number flash on the display.



If DCS is turned on at the channel selected, the display will flash the CTCSS icon and "OFF". To switch from DCS to CTCSS, press the Up or Down button while the display is flashing "OFF". The display will then show the small numbers flashing and you will then be able to proceed to step 2.

2. Press using the Up or Down button to select a privacy code. You can hold the Up or Down button for fast advance.
3. When your desired CTCSS privacy code is displayed, press the Mode/Power button to enter the new setting and proceed to other functions, or press PTT button to enter the new setting and return to Standby mode.

## Set DCS Privacy Codes



To select a DCS privacy code:

1. After selecting a channel, press the Menu/Power button until the DCS icon appears and the small numbers flash on the display (01 through 83).

If CTCSS is turned on at the channel selected, the display will flash the DCS icon and "OFF". To switch from CTCSS to DCS, press the Channel Up or Channel Down button while the display is flashing "OFF". The display will then show the small numbers flashing and you will then be able to proceed to step 2.

2. Press using the Up or Down button to select a DCS privacy code. You can hold the Up or Down button for fast advance.
3. When DCS privacy code is displayed, press the Mode/Power button to enter the new setting and proceed to other functions, or press PTT button to enter the new setting and return to Standby mode.

## Voice Activated Transmit (VOX)

In VOX mode, your radio can be used "hands-free," automatically transmitting when you speak. You can set the VOX sensitivity level to fit the volume of your voice and avoid transmissions triggered by background noise.



To set VOX sensitivity:

1. Press the Mode/Power button until the VOX icon flashes and the current sensitivity level is displayed. The current VOX sensitivity level is displayed with letters "LE" and a Number 1 through 3, with Number 3 being the most sensitive level and Number 1 being the least sensitive level.
2. Press the Up or Down button to change the setting.
3. Press the Mode/Power button to enter the new setting and proceed to other functions, or press PTT button to enter the new setting and return to Standby mode. Do not press any buttons for 15 seconds to enter the new setting and return to Standby mode.



The current VOX sensitivity level is displayed with letters "L" and a Number 1 through 3, with Number 3 being the most sensitive level and Number 1 being the least sensitive level.

#### To turn VOX mode on or off:

1. Press the Menu/Power button until the VOX icon flashes on the display. The current On or Off setting is displayed.
2. Press the Up or Down button to turn VOX On or Off.
3. Press the Mode/Power button to enter the new setting and proceed to other functions, or press PTT button to enter the new setting and return to Standby mode. Do not press any buttons for 15 seconds to enter the new setting and return to Standby mode.

### Ten Call Tone Settings



You can choose between ten different Call Tone Settings to transmit a call alert.



To change a call tone setting:

1. Press the Menu/Power button until the letter "C" and the current call tone number (01 through 10) is displayed. The current call tone will sound for three seconds.
2. Press the Up or Down button to hear the other call tone settings.
3. Choose one of the following:
  - a. Press the Menu/Power button to enter the new setting and proceed to other functions.
  - b. Press and hold the Mode button to enter the new setting and return to Standby mode.
  - c. Press PTT or Call/Lock button to enter the new setting and return to Standby mode.
  - d. Do not press any buttons for 15 seconds to enter the new setting and return to Standby mode.

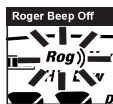
### Roger Beep Confirmation Tone

Your listener will hear an audible tone when you release the PTT button. This alerts the other party that you are finished talking and it is OK for them to speak.




#### To turn roger beep on or off:

1. Press the Menu/Power button until the Roger Beep icon flashes. The current on or off setting is displayed.
2. Press the Up or Down button to select roger beep on or off.
3. Choose one of the following:
  - a. Press the Menu/Power button to enter the new setting and proceed to other functions.
  - b. Press and hold the Menu button to enter the new setting and return to Standby mode.
  - c. Press PTT or Call/Lock button to enter the new setting and return to Standby mode.
  - d. Do not press any buttons for 15 seconds to enter the new setting and return to Standby mode.



### Key Tone On/Off

When Key Tone is On, the Key Tone icon  will be displayed, an audible tone will sound each time a button is pressed.



#### To turn key tone on or off:

1. Current key tone status On/Off will flash.
2. Press the Up or Down button to select key tone on or off.
3. Choose one of the following:
  - a. Press the Menu/Power button to enter the new setting and proceed to other functions.
  - b. Press and hold the Menu button to enter the new setting and return to Standby mode.
  - c. Press PTT or Call/Lock button to enter the new setting and return to Standby mode.
  - d. Do not press any buttons for 15 seconds to enter the new setting and return to Standby mode.



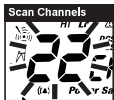
### Channel Scan

Your microTALK® radio can automatically scan channels.



#### To scan channels:

1. Press and release the Scan button until the Scan icon and the channel numbers appear on the display.
2. Press and hold the Scan button to begin scanning channels.



The radio ignores specific privacy codes while scanning channels.

The Scan icon will continue to be displayed when scan is on. Your radio will continue to scan all channels and stop if an incoming transmission is detected. Your radio will remain on that channel for 10 seconds.

**During scanning (while receiving an incoming transmission), you can choose from the following:**

- Press and hold the Talk button to communicate on that channel. Your radio will remain on that channel and return to Standby mode.
- Press the Up or Down button to resume scanning channels.
- Press and hold the Scan button to return to Standby.

### Privacy Code Scan

Your radio can automatically scan the Privacy Codes (either CTCSS 01 through 38 or DCS 01 through 83) within one channel. Only one set of privacy codes (CTCSS or DCS) can be scanned at a time.



**To scan privacy codes:**

- While in Standby mode, press and release the Scan button twice (CTCSS) or three times (DCS) until the CTCSS or DCS icon and numbers are flashing.
- Press and hold the Scan button to begin scanning privacy codes within the selected channel.



The Scan icon will continue to be displayed when privacy code scan is on. Your radio will continue to scan privacy codes and stop as an incoming transmission is detected. Your radio will remain on that channel/privacy code for 10 seconds.



**During scanning (while receiving an incoming transmission), you can choose from the following:**

- Press the Menu/Power button to enter the new setting and proceed to other functions.
- Press and hold the Menu button to enter the new setting and return to Standby mode.
- Press PTT or Call/Lock button to enter the new setting and return to Standby mode.

- Do not press any buttons for 15 seconds to enter the new setting and return to Standby mode.

### NOAA\* All Hazards Radio Channels

You can use your radio to listen to NOAA All Hazards Radio channels transmitting in your area.



To listen to All Hazards Radio channels:

- Press and hold the Weather (WX) button until the All Hazards Radio icon and the currently selected All Hazards Radio channel are displayed.
- Use the Up or Down button to change All Hazards Radio channels.
- The All Hazards Radio icon will continue to be displayed when All Hazards Radio is on.
- To exit All Hazards Radio, press and hold the Weather button until On or Off is displayed.



\* National Oceanographic and Atmospheric Administration Hazards Radio Icon

### Weather (WX) Alert Mode

Turning On the Weather Alert function will allow your radio to automatically receive NOAA Hazard Alert radio signals and warnings from designated NOAA broadcast stations. If the radio is turned ON, it will alert to Weather and other emergency alerts broadcast by NOAA.



This feature is set to OFF by default.



Make sure the strongest Weather channel is selected for your area using the channel selection in the previous menu.



**To turn Weather Alert On or Off:**

- Press the MENU/Power button until the Weather Alert icon flashes on the display. The current On or Off setting is displayed.
- Press the Up and Down button to turn Weather Alert On or Off.
- Press and hold the Weather/Scan button again to save the new setting and exit the Weather Alert Mode and return to Standby mode.

This radio is rain resistant to JIS4 standards.

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### **Guarantee**

#### **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, please read at <http://www.retevis.com/after-sale/>
3. The user can get warranty and after-sales service as below:
  - Contact the seller where you buy the product.
  - Products Repaired by Our Local Repair Center
4. For warranty service, you will need to provide a receipt 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.

<b>Guarantee</b>	
Model Number:	
Serial Number:	
Purchasing Date:	
Dealer:	
Telephone:	
User's Name:	
Telephone:	
Country:	
Address:	
Post Code:	
Email:	

### **Warnings**

#### **RF ENERGY EXPOSURE AND PRODUCT SAFETY GUIDE FOR PORTABLE WALKIE TALKIE**



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 walkie talkie uses electromagnetic energy in the radio frequency (RF) spectrum to provide communications between two or more users over a distance. It uses radio frequency (RF) energy or radio waves to send and receive calls. RF energy is one form of electromagnetic energy. Other forms include, but are not limited to, sunlight and x-rays. RF energy, however, should not be confused with these other forms of electromagnetic energy, which when used improperly, can cause biological damage. Very high levels of x-rays, for example, can damage tissues and genetic material.

Experts in science, engineering, medicine, health, and industry work with organizations to develop standards for safe exposure to RF energy. These standards provide recommended levels of RF exposure for both workers and the general public. These recommended RF exposure levels include substantial margins of protection.

All Retevis walkie talkie are designed, manufactured, and tested to ensure they meet government-established recommend specific operating instructions to users of walkie talkie. 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 walkie talkie 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



walkie talkie 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.

### FCC/IC 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

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

–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.

–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.

–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.

•N'UTILISEZ PAS la radio sans l'antenne appropriée, car cela pourrait l'endommager et pourrait également vous amener à dépasser les limites d'exposition RF. Une antenne appropriée est l'antenne fournie avec cette radio par le fabricant ou une antenne spécifiquement autorisée par le fabricant pour une utilisation avec cette radio. Le gain d'antenne ne doit pas dépasser le gain spécifié par le fabricant.

•NE TRANSMETTEZ PAS pendant plus de 50% du temps total d'utilisation de la radio. Plus de 50% du temps peut entraîner le dépassement des exigences de conformité en matière d'exposition aux radiofréquences.

•Appareil portable, cet émetteur peut fonctionner avec les antennes décrites dans ce document en configurations Push-to-Talk et portées par le corps. La conformité de l'exposition aux radiofréquences est limitée aux configurations d'agrafe de ceinture et d'accessoires spécifiques décrites dans ce document et la distance de séparation entre l'utilisateur et l'appareil ou son antenne doit être d'au moins 2,5 cm.

•Radio professionnelle/ contrôlée, cette radio est conçue pour et classée comme «Utilisation professionnelle/ contrôlée uniquement», ce qui signifie qu'elle ne doit être utilisée que pendant le cours de l'emploi par des personnes conscientes des dangers et des moyens de les réduire au minimum; NON destiné à être utilisé dans une population générale/ un environnement non contrôlé

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.

walkie talkie 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, most of the classified walkie-talkie need to get local government License, and operation is allowed. The detailed classification and the use of your two radios, please contact the local government radio management departments. For the following specified classification: the USA FRS, Australian CB, the individual license is not required.

### **Compliance with RF Exposure Standards (If appropriate, Reference to the actual products Safety Marking)**

Your Retevis walkie talkie is designed and tested to comply with a number of national and International standards and guidelines (listed below) for human exposure to radio frequency electro-magnetic energy.

### **FCC ID**

The FCCID means: This radio complies with the IEEE (FCC) and ICNIRP exposure limits for General Population/Uncontrolled RF exposure environments at operating duty factors of up to 75% talk-75% listen.

### **IC ID**

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

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

In terms of measuring RF energy for compliance with these exposure guidelines, your radio generates measurable RF energy only while it is transmitting (during talking), not when it is receiving (listening) or in standby mode.

Note: The approved batteries, supplied with this radio, are rated for a 5-5-90 duty factor (5% talk-5% listen-90% standby) even though this radio complies with FCC General Population exposure limits and may operate at duty factors of up to 75% talk.

### **RF energy exposure standards and guidelines (if appropriate)**

Your Retevis walkie talkie complies with the following RF energy exposure standards and guidelines:

- United States Federal Communications Commission (FCC), Code of Federal Regulations; 47 CFR part 2 sub-part J.
- American National Standards Institute (ANSI) / Institute of Electrical & Electronic Engineers (IEEE) C95. 1-2005
- IEEE Std. 1528:2013 and KDB447498, Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields.
- Institute of Electrical and Electronic Engineers (IEEE) C95.3-2002
- International Commission on Non-Ionizing Radiation Protection (ICNIRP)
- Ministry of Health (Canada) Safety Code 6 & Industry Canada RSS-102.
- International Electrotechnical Commission IEC62209-2:2010

### **RF Exposure Compliance and Control Guidelines and Operating Instructions**

To control your exposure and ensure compliance with the General Population/Uncontrolled 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 75% of the time. To Transmit (Talk), push the Push To Talk (PTT) button. To receive calls (listen), release the PTT button. Transmitting 75% 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

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/CNIRP General Population/Uncontrolled environment RF exposure limits.
- If you are not using a body worn accessory and are not using the radio in the intended use position, in front of the face or at the body in the PTT mode or alongside of the head in the phone mode, then ensure the antenna and the radio are kept 2.5 cm (one inch) from the body when transmitting. Keeping the radio at a proper distance is important because RF exposures decrease with increasing distance from the antenna.

### 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 Burns

Small Parts. Not for children under 3 years.



### Turn off your radio power in the following conditions:

- 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.

### 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.



### Note:

#### - Pacemakers

Defibrillators or other Implanted Medical Devices Persons with pacemakers, Implantable Cardioverter-Defibrillators (ICDs) or other active implantable medical devices (AIMD) should:

- ALWAYS keep the radio more than 15cm from their pacemaker when the radio is turned on.
- Consult with their physicians regarding the potential risk of interference from radio frequency transmitters, such as portable radios (poorly shielded medical devices may be more susceptible to interference).

- Turn the radio OFF immediately if they have any reason to suspect that interference is taking place.
- Do not carry the radio in a chest pocket or near the implantation site, and carry or use the radio on the opposite side of their body from the implantable device to minimize the potential for interference.

#### - Hearing Aids

Some digital wireless radios may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

#### - Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.



#### Protect your hearing:

- 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.

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

##### - 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.

#### - 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>