



## EZTalk 2S(RA88) Two Way Radio User Manual

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Brochures, Software/Firmware, Manual etc, Please contact  
your direct reseller first OR go to website [retevis.com](http://retevis.com) and  
check “support” in the each product link to download it.

## To Customers

Before using Retevis EZTalk 2S, please thoroughly read this operation manual. Pay special attention to the following aspects to ensure smooth and safe communication.

### 1. Equipment inspection

- Battery status: Ensure that the batteries of both the radio and microphone are fully charged to prevent communication interruption due to battery depletion.
- Antenna connection: Check that the antenna is securely connected and free from damage or bending to maintain optimal signal transmission.
- PTT Cable connection: Ensure that the PTT cable is firmly connected, with no looseness or damage, to guarantee proper PTT functionality.

### 2. Frequency settings

- Channel selection: Choose an appropriate GMRS channel to ensure all participants are communicating on the same channel.
- Frequency legality: Ensure that the frequencies used comply with local laws and regulations to avoid legal issues stemming from illegal frequency use.

### 3. Environmental Factors

- Topographical influence: In complex terrains such as mountains or forests, signals may be obstructed, affecting communication quality. Opt for open areas for communication.
- Weather conditions: Severe weather (e.g., heavy snow, and strong winds) can impact signal transmission. Ensure safe conditions for radio use.

### 4. Communication Protocols

- Clear communication: Use concise and clear language to avoid lengthy conversations and ensure accurate information transfer.
- Await response: After sending an instruction or message, wait for a response to avoid confusion caused by simultaneous speaking by multiple individuals.
- Emergency situations: Pre-agree on emergency communication methods and signals to ensure rapid and effective information dissemination in emergencies.

### 5. Equipment protection

- Water and dust resistance: Retevis EZTalk 2S boasts good water and dust resistance. In cases of water or dust ingress during activities like skiing, promptly wipe off moisture and clean the device to extend its lifespan.
- Drop Resistance: Ensure the product is securely fastened to prevent damage to the radio and microphone from violent collisions or drops during skiing.

### 6. Backup plans

- Spare radio: Carry a spare radio and microphone for unexpected needs.
- Mobile phone backup: Carry a smartphone with sufficient battery life and signal as an alternative means of communication.

## **7.Safety measures**

- Personal identification: Ensure each skier has visible identification for quick identification in emergencies.
- Team collaboration: Maintain close contact among team members and conduct regular communication checks to ensure everyone is within a safe range.
- First aid knowledge: All participants should possess basic first aid knowledge to address potential accidents.

## **8.Maintenance and Servicing**

- Regular checks: Periodically inspect the performance of the radio and microphone to ensure they are in good condition.
- Cleaning and servicing: Regularly clean the radio and microphone, especially the connection points and microphone, to ensure long-term use of the equipment.

Thank you once again for choosing our product. If you encounter any issues during use, please feel free to contact us through the following channels. Thank you.

Email: [info@retevis.com](mailto:info@retevis.com)

Website: [www.retevis.com](http://www.retevis.com)

Facebook: [@retevis.fans](https://www.facebook.com/retevis.fans)



## CAUTIONS

Welcome to your interest in Retevis EZTalk 2S, please pay an attention to the following instructions before using this product.

Please charge it before using it. To extend the battery lifetime, please power off the radio when you don't use it, and save it in a cool (temperature less than 15 °C-25°C ) and dry place.

Please do not disassemble the device and replace the battery at will. Misuse of Li-ion batteries may result in the following hazards: smoke, fire, or the battery may rupture. Misuse can also cause damage to the battery or degradation of the battery's performance.

NEVER incinerate used battery packs. Internal battery gas may cause an explosion.

NEVER strike or otherwise impact the battery pack. Do not use the battery pack if it has been severely impacted or dropped, or if the pack has been subjected to heavy pressure. Battery pack damage may not be visible on the outside of the case. Even if the surface of the battery does not show cracks or any other damage, the cells inside the battery may rupture or catch fire.

NEVER leave the battery pack in places with temperatures above 50°C (122°F). A High-temperature buildup in the battery cells, such as could occur near fires or stoves, inside a sun-heated vehicle, or in direct sunlight for long periods of time, may cause the battery cells to rupture or catch fire. Excessive temperatures may also degrade the pack's performance or shorten the battery cell's life.

NEVER place battery packs near a fire. Fire or heat may cause them to rupture or explode. Dispose of used battery packs in accordance with local regulations.

NEVER solder the battery terminals, or NEVER modify the battery pack. This may cause heat generation, and the battery may burst, emit smoke or catch fire.

NEVER let fluid from inside the battery get in your eyes. This can cause blindness. Rinse your eyes with clean water, without rubbing them, and immediately go to a doctor.

NEVER use deteriorated battery packs. They could cause a fire.

NEVER let fluid from inside the battery cells come in contact with your body. If it does, immediately wash with clean water.

NEVER put the battery pack in a microwave oven, high-pressure container, or in an induction heating cooker. This could cause a fire, overheating, or cause the battery cells to rupture.

DO NOT expose the battery pack to rain, snow, salt water, or any other liquids. Do not charge or use a wet pack. If the pack gets wet, be sure to wipe it dry cloth before using it.

DO NOT use the battery if it emits an abnormal odor, heats up, or is discolored or deformed. If any of these conditions occur, contact your Retevis/Ailunce dealer or distributor.

DO NOT use the battery pack out of the specified temperature range  $-30^{\circ}\text{C} \sim +50^{\circ}\text{C}$  ( $-22^{\circ}\text{F} \sim +122^{\circ}\text{F}$ ). Using the pack out of this range will reduce the pack's performance and battery cell life.

DO NOT leave the pack fully charged, completely discharged, or in an excessive temperature environment (above  $50^{\circ}\text{C}$ ,  $122^{\circ}\text{F}$ ) for an extended period of time. Otherwise, a shorter battery pack life could occur.

The EZTalk 2S has a temperature protection function. The function will start automatically and stop transmitting when the temperature of the device and the battery is too high. The radio transmission command can only start after the temperature decreases.

**DANGER!** NEVER charge the battery pack in areas with extremely high temperatures, such as near fires or stoves, inside a sun-heated vehicle, or in direct sunlight. In such environments, the safety/protection circuit in the pack will activate and stop the charging.

NEVER charge the transceiver during a lightning storm. It may result in an electric shock, cause a fire, or damage the transceiver. Always disconnect the power adapter before a storm.

Do not charge for more than 6H . If it is not fully charged within the specified time, stop charging. Continuing to charge beyond the specified time limit may result in fire, overheating, or battery rupture.

Occasionally observe the battery pack condition while charging. If any abnormal condition occurs, discontinue using the battery pack.

DO NOT insert the transceiver with the battery pack attached to the charger if it is wet or soiled. This could corrode the battery charger terminals or damage the

charger. The charger is not waterproof.

DO NOT charge the battery pack outside of the specified temperature range: 0°C ~ 45°C (32°F ~ 113°F). Retevis/ Ailunce recommends charging the pack at 25°C (77°F). The pack may heat up or rupture if charged out of the specified temperature range. Additionally, battery performance or battery life may be reduced.

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\*RETEVIS is not responsible for any damage caused by improper handling or natural disasters such as fire, earthquakes, floods, etc.

\*RETEVIS is not responsible for any damage caused by unauthorized service companies.

## **Product Introduction**

### **Feature Summary**

- 30 GMRS Channels
- NOAA weather Channels/NOAA weather alerts
- 5 W Maximum Transmit Power
- Standard CTCSS/CDCSS Tones
- High/Low TX Power Levels
- Channel Scan/Priority Scan/CTCSS/CDCSS Tone Scan
- Wide/Narrow Bandwidth Selectable
- Black and white LCD Display
- Voice Speech
- Busy Channel Lockout
- Low Battery Alert
- SOS
- Intelligent noise reduction
- IP67 Waterproof
- Type-C charging
- 1800mAh battery
- Microphone Control the mainframe work, mainframe work only without microphone





### Main unit:

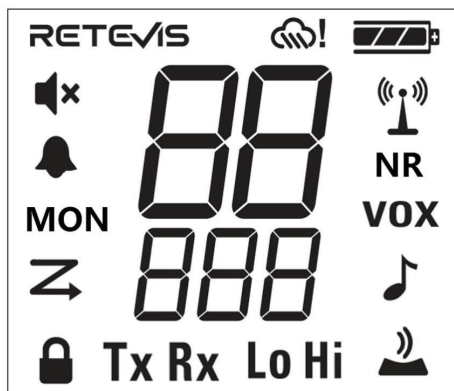
1. Antenna
2. PTT button
3. Display screen
4. SOS button
5. Menu button
6. Power button
7. Up button
8. Down button
9. MIC
10. Belt clip
11. Microphone connector pin



### Microphone

12. Microphone cable
13. PTT button
14. Channel knob
15. MIC
16. Power knob
17. TX/RX indicator light
18. Power indicator light
19. 360-degree rotating tail clip


## Home Interface Menu



**RETEVIS** :Brand Logo

 :Weather Alert Function

 :Battery Level Display

 :Mute Indicator


 :End of Transmission Tone Indicator

**MON** :Monitor Function Indicator

 :Scan Function Indicator

 :Keypad Lock Indicator

 :Channel Indicator

 :CTCSS Number Display

**Tx** :Transmit Status Indicator

**Rx** :Receive Status Indicator

**Lo** :Low Power Transmit Indicator

**Hi** :High Power Transmit Indicator

 :Signal Strength Indicator

**NR** :Intelligent Noise Reduction Indicator

**VOX** :VOX Indicator

 :Voice Annunciation Indicator

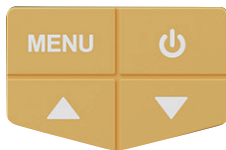
 :Key Tone Indicator

## Side Button Functions

High/Low Power **【PTT】** Buttons: The upper button is for high power transmission, and the lower button is for low power transmission. Pressing either button returns to the home screen and turns off alarms.

**【SOS】** Alarm Button: Press and hold for 2 seconds to activate or deactivate.

## Button Function Definitions



Power button: Press and hold for 2 seconds to turn on or off. Short press, while powered on, enters the weather channel monitoring mode.

**MENU:** Short press to enter the menu. Press and hold for 2 seconds to lock or unlock the keypad.

Up/Down buttons: On the home screen, press to adjust volume. In the menu, use to switch channels, signaling, levels, indexes, and toggle functions ON/OFF. Press



and hold the Up button for 2 seconds to Call Tone. Press and hold the Down button for 2 seconds to activate monitoring; release to deactivate.

Factory Reset: With no handheld microphone connected and the unit turned off, press and hold the **[MENU]** and **[Power]** buttons simultaneously while turning on the unit. Release the buttons once the CC icon appears on the screen.

## **Menu Operation and Display**

- 1>Press **[MENU]** on the standby screen to enter the settings interface.
- 2>Press **[MENU]** again to access settings within the current function.
- 3>Use **[Up]** or **[Down]** buttons to select values or ON/OFF states.
- 4>Press **[MENU]** to move to the next settings interface.
- 5>Exit by pressing the side **[High/Low Power PTT]** button or **[SOS]** button.
- 6>Battery Level Display: During charging, battery bars scroll; fully charged when all bars flash. Low battery reminder indicated by flashing battery frame.

## **Function Settings**

### **Channel and Signaling Settings**

- 1>On the standby interface, press **[MENU]** button to make the channel value display flash.
- 2>Press **[Up]** or **[Down]** button to select the desired channel.
- 3> Press **[MENU]** button again to make the signaling value display flash.
- 4>Press **[Up]** or **[Down]** button to select the desired signaling.

### **One-Key Code Switch Setting(CS,Code Switch)**

- 1>On the standby interface, press **[MENU]** button consecutively to access the CS setting interface where the characters flash.
- 2>Press **[Up]** or **[Down]** button to select the ON/OFF status.

### **Preset Channel Setting for Handset Microphone(KN,Knob Number)**

- 1>On the standby interface, press **[MENU]** button consecutively to access the KN setting interface where the characters flash.
- 2>Press **[Up]** or **[Down]** button to select the desired handset microphone knob number, which can be set from 1 to 5.
- 3>Press **[MENU]** button again to access the PC setting interface where the channel value display flashes.
- 4>Press **[Up]** or **[Down]** button to select the channel corresponding to the handset microphone knob number, which can be set from 1 to 22.

### **Squelch Level Setting(sql,Squelch Level)**

- 1>On the standby interface, press **[MENU]** button consecutively to access the SQL setting interface where the value flashes.
- 2>Press **[Up]** or **[Down]** button to select the desired squelch level.

### **Noise Reduction Setting(NR,Noise Reduction)**

1>On the standby interface, press **[MENU]** button consecutively to access the NR setting interface where the characters flash.

2>Press the **[Up]** or **[Down]** button to select the ON/OFF status.

### **Backlight Function Setting(Backlight)**

1>On the standby interface, press **[MENU]** button consecutively to access the BL setting interface where the characters flash.

2>Press the **[Up]** or **[Down]** button to select the ON/OFF status and backlight duration.

### **CALLTONE Setting(CAL)**

1>On the standby interface, press **[MENU]** button consecutively to access the CAL setting interface where the characters flash.

2>Press the **[Up]** or **[Down]** button to select the desired sound effect.

### **VOX Setting(VOX)**

1>On the standby interface, press **[MENU]** button consecutively to access the VOX setting interface where the characters flash.

2>Press the **[Up]** or **[Down]** button to select the VOX level and OFF status.

### **Scan Function Setting( )**

1>On the standby interface, press **[MENU]** button consecutively to access the  setting interface where the characters flash.


2>Press the **[Up]** or **[Down]** button to select the ON/OFF status.

### **Roger Beep Setting( )**

1>On the standby interface, press **[MENU]** button consecutively to access the  setting interface where the characters flash.

2>Press the **[Up]** or **[Down]** button to select the ON/OFF status.

### **Voice Annunciation Function Setting( )**

1>On the standby interface, press **[MENU]** button consecutively to access the  setting interface where the characters flash.


2>Press the **[Up]** or **[Down]** button to select the ON/OFF status.

### **Key Tone Function Setting( )**

1>On the standby interface, press **[MENU]** button consecutively to access the  setting interface where the characters flash.


2>Press the **[Up]** or **[Down]** button to select the ON/OFF status.

### **Weather Alert Channel Setting( )**

1>On the standby interface, press **【MENU】** button consecutively to access the  setting interface where the characters flash.

2>Press the **【Up】** or **【Down】** button to select the desired channel.

### **Weather Alert Function Switch Setting( AL,Alerts)**

1>On the standby interface, press **【MENU】** button consecutively to access the  and AL setting interface where the characters flash.

2>Press the **【Up】** or **【Down】** button to select the ON/OFF status.

## **Microphone (Connected to Main Unit via Microphone Cable):**

### **Microphone Knob:**

The smaller knob below serves as the power switch and volume control. Rotating it turns the main unit and microphone on or off, while also adjusting the volume level. The upper knob is the channel selector, which allows you to switch between channels by rotating it, with the main unit's screen displaying the corresponding channel information.

### **Channel Knob:**

When the channel knob is set to number 0, the channel of the device is selected and set by the main unit.

When the channel knob is set to numbers 1 to 5, the device's channel is preset via the microphone, with only channels 1 to 22 selectable.

When the channel knob is set to number 6, the device's channel is set to the weather alert channel. Rotating to number 6 enters the weather channel monitoring mode;

### **Side PTT Button:**

Pressing this button activates the transmission power of the main unit.

### **Indicator Lights:**

When powered on, the POWER indicator light turns red. The TX/RX indicator light turns red during transmission and green during reception.

### **Microphone Connection:**

When the microphone is connected to the main unit, the power button and volume adjustment of the main unit not work, the two functions only be performed by the microphone power and channel knobs.

## Charging Guide

1. Before using for the first time, please read the attached product manual carefully to understand the charging requirements and precautions of the specific model.
2. Ensure that the power socket meets the voltage requirements of the intercom charger. Ensure that the power socket is dry and easy to contact, and avoid humid environment
3. Plug the charger into a suitable power outlet.
4. Insert the output end of the charger into the Type C charging interface on the side of the intercom (the product is equipped with 5V 2A charging plug and Type C charging cable).
5. After the connection is complete, the battery icon on the host screen keeps blinking. When the battery is fully charged, the battery icon stops blinking.
6. The standard charging time of the original charging equipment is 3H, and the charging time should not exceed 6H.
7. After charging, please unplug the charger in time to avoid long-term overcharging. Disconnect the charger from the electrical outlet and store the charger properly.



1.Remove the Screw Cover



2.Connect the Microphone Head to the Main Unit

### **Installing/Removing the Belt Clip (Diagram Attached):**

The end clips of the main engine and microphone have been assembled before delivery. If you want to remove or install them in later use, you can operate them by yourself with a screwdriver. When skiing, please pay attention to check whether the installation of the back clip is secure to avoid falling off.



## Product Specifications

General	
Frequency Range	GMRS: 462-467MHz
channel capacity	30
Working Voltage	DC 7.4V
Working Temperature	-30°C~+50°C
Battery capacity	1800mAh
Antenna Impedence	50Ω
Channel step value	12.5KHz/25KHz
Transmitter	
Output power	GMRS: 5/0.5W
Stray power	≤-20dBm
Hum & Noise	≥35dB
Modulation distortion	<5%
transmit current	≤1500mA
adjacent channel power	≥65dB
Receiver	
Sensitivity	≤ 0.25uV
Selectivity	≥ 65dB
Intermediation	≥ 55dB
Audio power	> 1W
Audio distortion	≤5%
Current	115mA (when standby) <450mA (when working)

# CTCSS/CDCSS List

CTCSS									
Number	Frequency	Number	Frequency	Number	Frequency	Number	Frequency	Number	Frequency
1	67	2	69.3	3	71.9	4	74.4	5	77
6	79.7	7	82.5	8	85.4	9	88.5	10	91.5
11	94.8	12	97.4	13	100	14	103.5	15	107.2
16	110.9	17	114.8	18	118.8	19	123	20	127.3
21	131.8	22	136.5	23	141.3	24	146.2	25	151.4
26	156.7	27	159.8	28	162.2	29	165.5	30	167.9
31	171.3	32	173.8	33	177.3	34	179.9	35	183.5
36	186.2	37	189.9	38	192.8	39	196.6	40	199.5
41	203.5	42	206.5	43	210.7	44	218.1	45	225.7
46	229.1	47	233.6	48	241.8	49	250.3	50	254.1
CDCSS									
Number	Code	Number	Code	Number	Code	Number	Code	Number	Code
1	D023N	2	D025N	3	D026N	4	D031N	5	D032N
6	D036N	7	D043N	8	D047N	9	D051N	10	D053N
11	D054N	12	D065N	13	D071N	14	D072N	15	D073N
16	D074N	17	D114N	18	D115N	19	D116N	20	D122N
21	D125N	22	D131N	23	D132N	24	D134N	25	D143N
26	D145N	27	D152N	28	D155N	29	D156N	30	D162N
31	D165N	32	D172N	33	D174N	34	D205N	35	D212N
36	D223N	37	D225N	38	D226N	39	D243N	40	D244N
41	D245N	42	D246N	43	D251N	44	D252N	45	D255N
46	D261N	47	D263N	48	D265N	49	D266N	50	D271N
51	D274N	52	D306N	53	D311N	54	D315N	55	D325N
56	D331N	57	D332N	58	D343N	59	D346N	60	D351N
61	D356N	62	D364N	63	D365N	64	D371N	65	D411N
66	D412N	67	D413N	68	D423N	69	D431N	70	D432N
71	D445N	72	D446N	73	D452N	74	D454N	75	D455N
76	D462N	77	D464N	78	D465N	79	D466N	80	D503N
81	D506N	82	D516N	83	D523N	84	D526N	85	D532N
86	D546N	87	D565N	88	D606N	89	D612N	90	D624N
91	D627N	92	D631N	93	D632N	94	D645N	95	D654N

96	D662N	97	D664N	98	D703N	99	D712N	100	D723N
101	D731N	102	D732N	103	D734N	104	D743N	105	D754N
106	D023I	107	D025I	108	D026I	109	D031I	110	D032I
111	D036I	112	D043I	113	D047I	114	D051I	115	D053I
116	D054I	117	D065I	118	D071I	119	D072I	120	D073I
121	D074I	122	D114I	123	D115I	124	D116I	125	D122I
126	D125I	127	D131I	128	D132I	129	D134I	130	D143I
131	D145I	132	D152I	133	D155I	134	D156I	135	D162I
136	D165I	137	D172I	138	D174I	139	D205I	140	D212I
141	D223I	142	D225I	143	D226I	144	D243I	145	D244I
146	D245I	147	D246I	148	D251I	149	D252I	150	D255I
151	D261I	152	D263I	153	D265I	154	D266I	155	D271I
156	D274I	157	D306I	158	D311I	159	D315I	160	D325I
161	D331I	162	D332I	163	D343I	164	D346I	165	D351I
166	D356I	167	D364I	168	D365I	169	D371I	170	D411I
171	D412I	172	D413I	173	D423I	174	D431I	175	D432I
176	D445I	177	D446I	178	D452I	179	D454I	180	D455I
181	D462I	182	D464I	183	D465I	184	D466I	185	D503I
186	D506I	187	D516I	188	D523I	189	D526I	190	D532I
191	D546I	192	D565I	193	D606I	194	D612I	195	D624I
196	D627I	197	D631I	198	D632I	199	D645I	200	D654I
201	D662I	202	D664I	203	D703I	204	D712I	205	D723I
206	D731I	207	D732I	208	D734I	209	D743I	210	D754I

## NOAA List:

Weather Channel	Frequency(MHz)
1	162.550
2	162.400
3	162.475
4	162.425
5	162.450
6	162.500
7	162.525
8	161.650
9	161.775
10	161.750
11	162.000



## GMRS

Channel	TX (MHz)	RX (MHz)	CTCSS
1	462.5625	462.5625	67.0
2	462.5875	462.5875	118.8
3	462.6125	462.6125	127.3
4	462.6375	462.6375	131.8
5	462.6625	462.6625	136.5
6	462.6875	462.6875	141.3
7	462.7125	462.7125	146.2
8	467.5625	467.5625	D243N
9	467.5875	467.5875	D032N
10	467.6125	467.6125	D047N
11	467.6375	467.6375	D051N
12	467.6625	467.6625	D053N
13	467.6875	467.6875	D065N
14	467.7125	467.7125	D116N
15	462.5500	462.5500	123.0
16	462.5750	462.5750	D743I
17	462.6000	462.6000	D332I
18	462.6250	462.6250	127.3
19	462.6500	462.6500	D243I
20	462.6750	462.6750	D606N
21	462.7000	462.7000	D731I
22	462.7250	462.7250	136.5
23	467.5500	462.5500	/
24	467.5750	462.5750	/
25	467.6000	462.6000	/
26	467.6250	462.6250	/
27	467.6500	462.6500	/
28	467.6750	462.6750	/
29	467.7000	462.7000	/
30	467.7250	462.7250	/

## Troubleshooting

This table is designed to help you resolve issues that are not due to equipment malfunctions. If you cannot identify the cause of the problem or resolve it using this guide, please contact your seller or Retevis Service Center:

No.	Fault Condition	Fault Cause	Solution
1	Main unit fails to boot	Battery dead	Plug in to charge
		The microphone is not turned on when connecting the microphone cable	Turn on the microphone POWER knob
		The device is not turned on when the "dL" icon appears on the display	Press and hold the menu button and the Power button
2	The microphone won't turn on	Microphone cable loose, poor contact	Lock the screws of the microphone wire
3	Transmitting and receiving devices cannot communicate	Low volume	Press the volume button to adjust the volume
		The silence level is too high	Adjust the silence level
		The CTCSS/CDCSS does not match	The menu interface sets the matching CTCSS/CDCSS
4	Keyboard nonresponse	Keys locked	Release the lock key function
		The button is not pressed in place	Press the function key again
5	The device not transmit	Channel busy function activated	Switch other channel to use
		It's banned when the battery is too low	Plug in to charge
		Transmit timeout inhibition activated	Release the PTT key and press it again
		Transmission inhibited due to high temperature	The device will be restored after the temperature drops
		Channel transmit permission is set to receive only	The write frequency software modifies the channel configuration
		VOX failure	All of the above bans will cause VOX to fail

## Warnings

### **User' instructions should accompany the device when transferred to other users.**

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.

This two-way radio is a GMRS station. A valid individual license is required to operate a GMRS station. To obtain an individual license, an applicant must be eligible and follow the applicable rules and procedures established by FCC. The applicant must pay the required application and regulatory fees. Each individual license in the GMRS will normally have a term of ten years from the date of grant or renewal, and may be renewed pursuant to the procedures of FCC. To obtain a GMRS operator license, you need FCC Form 605 & 159, we suggest visiting the FCC website at <https://www.fcc.gov/wireless/support/fcc-form-605>, which includes necessary instructions. More questions about the license application, please contact the FCC at 1-888-225-5322 or go to the FCC's website: <http://www.fcc.gov>.

Note: According to FCC rules, any individual who holds an individual GMRS license may allow his or her immediate family members to operate his or her GMRS station or stations. Immediate family members are the licensee's spouse, children, grandchildren, stepchildren, parents, grandparents, stepparents, brothers, sisters, aunts, uncles, nieces, nephews, and in-laws.

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.

(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 B digital device. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio

- 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.



The crossed-out wheeled-bin symbol on your product, literature, or packaging reminds you that all electrical and electronic products, batteries, or accumulators 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 and rules in your area.

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. 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/>

Transmit no more than the rated duty factor 50% of the time. Transmitting necessary information or less, is important because the radio generates measurable RF energy exposure only when transmitting in terms of measuring for standards compliance. For users who wish to further reduce their exposure, some effective measures to reduce RF exposure include:

- Reduce the amount of time spent using your wireless device.
- Use a speakerphone, earpiece, headset, or other hands-free accessory to reduce proximity to the head (and thus head exposure). While wired earpieces may conduct some energy to the head and wireless earpieces also emit a small amount of RF energy, both wired and wireless earpieces remove the greatest source of RF energy (handheld device) from proximity to the head and thus can greatly reduce total exposure to the head.
- Increase the distance between wireless devices and your body.

This radio is designed for and classified as “Occupational/Controlled Use Only”. Occupational/Controlled environments are defined as locations where there is exposure that may be incurred by people who are aware of the potential of exposure, for example, as a result of employment or occupation. It means a radio must be used only by individuals aware of the hazards, and the ways to minimize such hazards; Not intended for use in a General population/uncontrolled environment.



To control your exposure and ensure compliance with the controlled environment exposure limits, always adhere to the following procedure:

- To receive calls, release the PTT button.
- To transmit (talk), press the Push-to-Talk (PTT) button in front of the face.
- Hold the radio in a vertical position with the microphone (and other parts of the radio including the antenna) at least one inch (2.5 centimeters) away from the nose or lips.

## Electromagnetic interference (EMI)

Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility. 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, such as hospitals or healthcare facilities.

Persons with pacemakers, implantable cardioverter defibrillators (ICDs) or other active implantable medical devices should • 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 there is 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 the 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.

- Turn off your radio prior to entering any area with a potentially hazardous or explosive atmosphere. Only radio types that are especially qualified should be used in such areas as “Intrinsically Safe”.

Note: the areas with potentially explosive atmosphere referred to above include blasting caps, blasting areas, inflammable gas, dust particles, metallic powders, grain powders, fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles (such as grain, dust or metal powders) and any other area where you would normally be advised to turn off your vehicle engine. Areas with potentially explosive atmospheres are often – but not always posted.



- Always check the laws and regulations on the use of radios in the areas where you drive. Use of Communication Devices, for example, mobile radio, may not be allowed.
- Give full attention to driving and to the road.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call, if driving conditions or regulations so require.
- Do not place a portable radio in the area over an air bag or in the airbag deployment area. The radio may be propelled with great force and cause serious injury to occupants of the vehicle when the airbag inflates.



- Use the lowest volume necessary to do your job. Turn up the volume only if you are in noisy surroundings.
- 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 carefully with the earphone maybe possible excessive sound pressure from earphones and headphones can cause hearing loss. CAUTION: 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.



WARNING: CHOKING HAZARD—Small Parts. Not suitable for children under 3 years old

- Contact Retevis for assistance regarding repairs and service.
- For a list of Retevis-approved accessories for your radio model, visit the 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.



**Shenzhen Retevis Technology Co.,Ltd.**

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E-mail: [info@retevis.com](mailto:info@retevis.com)

Facebook: [@retevis.fans](https://www.facebook.com/retevis.fans)



Made in China



**说明书印刷要求：**

**尺寸：120\*160mm**

**印刷：全彩色（产品图片实拍需彩印）**

**样式：骑马装订（页数不多）**

**纸张：封面封底铜版纸+内容双胶纸**

**裁剪：上下左右居中对齐，保证字体不能太靠边**

**此面不用印刷**