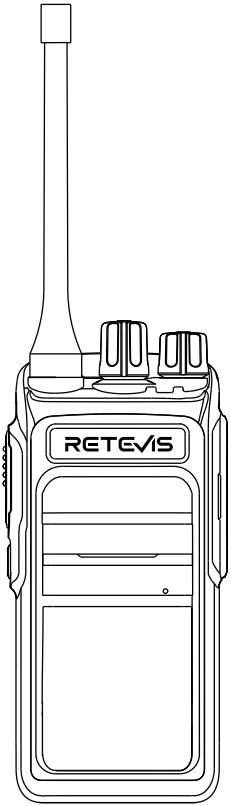
RETEVIS



C4
Two Way Radio
USER'S MANUAL

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For downloading further resources:
Brochures, Software/Firmware, Manual etc, Please contact your direct reseller first OR go to website retevis.com and check “support” in the each product link to download it.

❖Unboxing Inspection

Before use, please open the packaging box and carefully check the main unit and the accessories listed below. If any items are lost or damaged during transit, please immediately contact the delivery person or distributor.

❖Accessory Installation

➢Installing/Removing the Battery

To install the battery pack, insert the top end of the battery into the groove on the top of the walkie-talkie, then push the battery upwards until you hear a “click” sound to secure it.
When removing the battery, ensure that the walkie-talkie is turned off first. Then, press down the battery latch at the top and pull the battery downward to remove it.

➢Installing/Removing the Antenna

Hold the bottom of the antenna and rotate it clockwise to screw it into the antenna socket on the top of the walkie-talkie until it is securely tightened. To remove the antenna, simply rotate it counterclockwise to unscrew and detach it.

➢Installing/Removing the Belt Clip

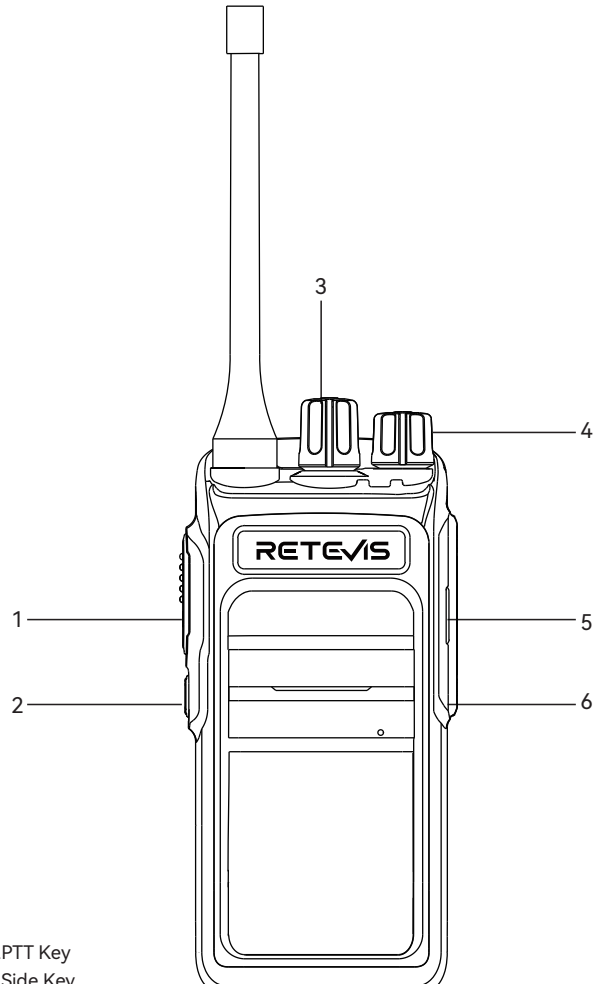
If necessary, attach the included belt clip by locking it into the screw holes on the back of the battery pack for easy carrying. To remove the belt clip, simply unscrew the two screws.

➢Installing the Walkie-talkie Lanyard

Thread the walkie-talkie lanyard through the loop located in the middle of the walkie-talkie.

➢Installing the Optional Speaker/Microphone Headset

Lift the headset cover and directly insert the speaker/microphone headset into the speaker/microphone jack



1.PTT Key
2.Side Key
3.Channel Knob
4.Volume Switch
5.Headphone Jack
6.Type-C Port

Button Functions

1.Power/Volume Switch

Power On: Turn the power/volume switch knob clockwise until you hear a “click” sound to turn on the walkie-talkie. A voice prompt will indicate the current channel number.
Power Off: Turn the knob counterclockwise until you hear a “click” sound to turn off the walkie-talkie.
Volume Adjustment: In the powered-on state, rotate the power/volume switch clockwise to increase the volume. Rotate it counterclockwise to decrease the volume.

2.Channel Knob

In the powered-on state, rotate the channel knob clockwise to increase the channel number. Rotate it counterclockwise to decrease the channel number.

3.[PTT] Key (Push-to-Talk Key)

Transmit/Receive Key: Press this Key to transmit and speak into the microphone. Release the button to receive.

4.Side Key

Short Press/Long Press: None, Monitor Always, Tx Power, Scan, Denoise, VOX, Record Play, Local Warning, Remote Warning, Talkaround, Inverte, Weather Warning, WX/CH Mode.

Side Key Function Explanation (KEYS)

1)None: Disabled, no function.
2)Monitor Always: Press to activate the squelch monitoring function. Press again to deactivate.
3)TX POWER: Press to switch between high and low transmission power.
4)SCAN: Press to start scanning the added channels. Press again to stop scanning.
5)Denoise: Press to activate noise filtering, greatly improving the sound quality of conversations. Press again to deactivate.
6)VOX: After pressing to turn on the voice control function, you can speak directly into the microphone, and press it again to turn it off.
7)Record Play: Play the last received voice message.
8)Local Warning: Press to trigger a local alarm sound from the device. Press the [PTT] key to cancel.
9)Remote Warning: Press to send a remote alarm signal. The receiving device will detect the alarm signal. Press the [PTT] key to cancel.
10)Talkaround: In the case of different frequencies, press the key to turn on the offline function, the transmitting frequency will become consistent with the receiving frequency, and the transfer mode will be exited.
11)Weather Warning: Turn on weather forecast alarm.
12)WX/CH Mode: Switch between Channel Mode and Weather Mode.

Function Introduction

1. Voice Control Function

Voice control allows you to operate the walkie-talkie by sending specific voice commands. Below are all the available voice control commands for this device, along with the corresponding responses from the walkie-talkie:

No.	Control Function	Voice Command	Response Content
1	Turn on Voice Control	Hi Radio	I am here
2	Turn off Voice Control	Bye Radio	Bye
3	Turn on Power Saving Feature	Eco On	Eco on
4	Turn off Power Saving Feature	Eco Off	Eco off
5	Turn on**/off Vox**	VOX on	Vox on
6	Turn on**/off Vox**	VOX Off	Vox off
7	Call on	Call on	Beep Tone
8	End Call	End Call	Beep Tone
9	Volume Up	Volume up	Volume 1–10
10	Volume Down	Volume down	Volume 1–10
11	Emergency Alarm	Emergency Call	Beep Tone
12		SOS call	Beep Tone
13	Turn on Key Lock	Key lock	Key lock
14	Turn off Key Lock	Key unlock	Key unlock
15	Battery Status Announcement	Battery Level	1%–100%
16	Wireless Pairing Transmitter	Pairing send	Pairing send
17	Wireless Pairing Receiver	Pairing accept	Pairing accept
18	Turn on Privacy	Privacy On	Privacy On
19	Turn off Privacy	Privacy off	Privacy off
20	Turn on Squelch	Squelch On	Squelch On
21	Turn off Squelch	Squelch Off	Squelch Off
22	Channel Broadcast	Channel Broadcast	Channel & Code
23	NOAA Mode	Weather mode	Channel 1–12
24	Channel Mode	Channel mode	1–64
25	NOAA Channel1–12	Weather Channel 1–12	Channel 1–12
26	Squelch Level1–9	Squelch 1–9	Squelch 1–9
27	VOX Level1–9	VOX Level 1–9	VOX 1–9
28	Bandwidth Adjustment	Bandwidth Adjustment	Narrowband or Wideband
29		Narrowband	Narrowband
30		Wideband	Wideband

31	Volume Level	Volume 1–10	Volume 1–10
32	Channel Adjustment	Channel 1–64	1–64
33	Turn on Roger	Roger On	Roger On
34	Turn off Roger	Roger Off	Roger Off
35	Power Adjustment		power High
36		Power adjustment	power Low
37			Unable to adjust
38	Turn on Weather Alarm	Weather Alarm On	Weather Alarm On
39	Turn off Weather Alarm	Weather Alarm Off	Weather Alarm Off
40	Recording Playback	Play back	Play the Last RX recording

Notes:
1)Except for commands such as “Hi Radio”, “VOX off”, “End Call”, and “Play back”, all other commands must be issued in the wake-up state to be operational.
2)Voice control cannot be used when the PTT button is pressed for transmission or when the squelch is activated in receive mode.
3)When VOX function is enabled, only the “VOX off” command is valid; other voice control commands can only be used when VOX is off.
4)Some functions may not be available depending on the version; please refer to the actual product for confirmation.

2.Monitor
Users can listen to conversations on a specific channel without interfering with other users. This can be achieved by defining the side button as “Monitor” through the programming software, allowing the user to enable or disable the monitoring function by operating the side button.

3.Scan
Users can add channels to the scan list by themselves through the frequency writing software and perform rolling waiting. By defining the side button as “Scan” through the software, the user can enable or disable the scanning function by operating the side button.

Scan type
Carrier (CO): Once a signal is detected, the walkie-talkie will maintain reception until the signal disappears;
Time (TO): After scanning a signal, the walkie-talkie will pause briefly on the current channel before continuing the scan;
Search (SE): After scanning a signal, the walkie-talkie will remain on the current channel and stop scanning.

4.VOX
VOX allows the user to transmit by speaking into the walkie-talkie without needing to press the PTT button. In the powered-on state, press and hold the [DOWN] button for 2.5 seconds, and you will hear an English voice prompt saying “VOX - ON/OFF” to indicate the activation or deactivation of the VOX function.

VOX Gain Level refers to the sensitivity of the walkie-talkie to the speaker’s voice. Using the software, you can select the VOX gain level, which ranges from level 1 to level 9. If you select “Off”, you cannot manually turn on voice control, and “Level 9” is the most sensitive.

5.Power Save Mode
Power Saving Mode allows the walkie-talkie to reduce power consumption by decreasing the operation of the receiving circuit when no signal is being received. This helps extend the usage time after a single charge.

The available power-saving modes are: High Power Consumption, Moderate Consumption, Balanced, Low Power Consumption, Maximum Power Saving.

6.Keypad lock
Keypad Lock prevents accidental operation of the walkie-talkie, avoiding unnecessary disruptions during use. You can enable the keypad lock using the voice control command “Keypad lock” and disable it with the command “Keypad unlock”. Once the keypad is locked, the channel knob and side buttons will be locked, but the PTT button and power/volume switch will remain functional.

7.Transmit Timeout (TOT)
The transmit timeout function is designed to prevent prolonged use of a single channel by one user. If you continue transmitting beyond the set timeout duration, the walkie-talkie will stop transmitting and emit a warning tone. To stop the warning tone, release the PTT button. Pressing the PTT button again will resume transmission. The timeout duration can be configured using the programming software.

Timeout Warning (TOT Warning Time)
This feature alerts the user that the transmission is about to time out, allowing time to prepare to end the conversation. The timeout warning time can be set via the programming software to values ranging from Off to 1s–10s.

8.Squelch Level (SQL)
The squelch function is designed to strictly filter out excessive background noise, eliminating or suppressing noise when no signal is received, ensuring the speaker remains silent in the absence of a signal. The purpose of squelch is to effectively suppress noise. However, excessive suppression may prevent weak communication signals from being received. For users requiring long communication distances, where the received signal may be weaker, it is recommended to increase receiver sensitivity by setting a lower squelch level.

9.Transmit Power (Tx Power)
Users can switch between low power and high power transmission as needed. High power allows for longer communication distances but consumes more battery. Low power reduces communication distance but conserves battery life.

10.Compand
Compand is a feature designed to prevent interference between channels. It can be enabled when there is excessive interference during reception. This setting can be configured using the programming software. If “On” is selected for a specific channel, the feature will be active for that channel; if “Off” is selected, the feature will be disabled.

11.Busy Channel Lockout (Busy lock)
The busy lock function prevents the walkie-talkie from transmitting when it is receiving a signal and is in a busy state. This ensures that no transmission occurs during channel activity.
None: Disables the busy lock function, allowing transmission on the current channel at all times;
Carrier: Enables carrier busy lock. Transmission is prohibited when the channel is busy with a carrier signal;
QT/DQT: Enables sub-audio busy lock. Transmission is prohibited when both the carrier and sub-audio signals are busy;
ANY: Disables the transmission function entirely. Transmission is not allowed under any circumstances on the current channel.

12.CTCSS/DCS (QT/DQT)
This walkie-talkie supports 50 standard analog CTCSS tones and 210 digital DCS codes for channel privacy.

Disable Privacy Tones (Privacy On/Off)
You can use the voice control commands “Privacy On” and “Privacy Off” to enable or disable privacy tones for all channels.

13.Noise Reduction (Denoise)
This walkie-talkie is equipped with active noise reduction functionality, helping you hear clear audio even in noisy environments.

AI Noise Reduction Level (AI DNS LEVEL)
The noise reduction level can be adjusted from 1 to 10, with the noise suppression effect increasing incrementally. Level 10 provides the best noise reduction.

14.Recorder
When the walkie-talkie receives voice, it will automatically record and only save the last recording.

Playback Recording (Play Back)
The side key function can be configured as “Record Play” using the programming software. Pressing this key will play the recording. Alternatively, you can use the voice control command “Play back” to play the recording.rm.

15.Emergency Alert Function (Warning)

Local Warning

When the local warning is triggered, the walkie-talkie will emit an alarm sound. Pressing the PTT button will interrupt the alarm. The side key function can be configured as “Local Warning” using the programming software. Pressing this key will activate the local alarm.

Remode Warning

When the Remote Warning is triggered, the walkie-talkie will emit an alarm sound and send an emergency alert signal. Walkie-talkies on the same frequency within the receiving range will receive the alert signal. Pressing the PTT button will interrupt the alarm. The side key function can be configured as “Remote Warning” using the programming software. Pressing this key will activate the remote alarm. Alternatively, you can use the voice control commands “Emergency Call” or “SOS call” to initiate the alarm.

16.NOAA (US Version)

There are 12 NOAA channels available for monitoring, as referenced in the accompanying table. By using the programming software, the side key function can be set to “WX/CH Mode”. Pressing this key will switch between Weather Mode and Channel Mode. In Weather Mode, the device will announce Channel 1–12 via voice prompts. In Channel Mode, the device will announce Channel 1–64 via voice prompts.

Weather Channel List

Weather Channel NO.	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	161.750
10	161.775
11	162.000
12	163.275

Factory Default Settings for the US Version of GMRS

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

CDS and DCS List

CTCSS CHART (Hz)									
Number	Frequency	Number	Frequency	Number	Frequency	Number	Frequency	Number	Frequency
1	67.0	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	100.0	14	103.5	15	107.2
16	110.9	17	114.8	18	118.8	19	123.0	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

DCS CODELIST									
Number	DCS-N	Number	DCS-N	Number	DCS-N	Number	DCS-N	Number	DCS-N
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

Number	DCS-I	Number	DCS-I	Number	DCS-I	Number	DCS-I	Number	DCS-I
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	D155I	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

Technical indicators

General specifications	
Number of Channels	64
Channel Bandwidth	25KHz/12.5KHz
Audio Distortion	≤5%
Frequency Stability	±2.5ppm
Maximum Frequency Deviation	≤5KHz/≤2.5KHz
Modulation	FM
Reference Sensitivity	≤0.25uV/≤0.3uV
Squelch Opening Sensitivity	≤0.2uV/≤0.25uV
Adjacent Channel Selectivity	≥65dB
Spurious Response Rejection	≥70dB
Transmit Current	≤1.7A
Operating Voltage	7.4V DC

*Note: To prevent radio interference caused by end-user transmissions on unauthorized frequencies, a user cannot modify channels preset by the manufacturer, equipment supplier, service technician, or maintenance personnel.
Frequency ranges take different variations according to the type of device you access because a radio designated for business use must comply with local rules, for example, in EU member states. If the type is subject to restrictions on putting into service or to requirements for authorization of use in your local district, your dealer or system administrator may set the operating frequency, and you cannot change the frequency. Please contact them for more information.

CAUTION:

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

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 communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

When transferring the device to another user, the user manual should be included.

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.

Radio License

Governments keep the radios in classification. Two-way radios are only operated on authorized radio frequencies that are regulated by the local radio management departments (such as FCC, ISED, OFCOM, ANFR, BFTK, Bundesnetzagentur, and so on.). 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.

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)

Any changes or modifications to the device that have not been explicitly approved by the responsible compliance authority are prohibited, as they may invalidate the user's radio usage rights granted by the local government's radio management department. To comply with the relevant regulations, adjustments to the transmitter should only be made by individuals who are technically certified and qualified to maintain and repair transmitters in the radio service, or under their supervision. The service must be certified by a representative of the user's organization. Replacing transmitter components (such as crystals, semiconductors, etc.) that are not authorized by the local government's radio management department

will violate regulations.
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.

CE
(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; the full text of the EU declaration of conformity is available at the following internet address: www.retevis.com.
This product may be used in following 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 intended country of use, please refer to the package.

This radio equipment contains frequency bands that are subject to licensing procedures before it is allowed to be operated. Please make sure you have a valid radio license or radio operator permit before use.

Disposal
Note: Applicable to electronic products.

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.

RF Safety
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/Compatibility
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 manufactur-er of your device to determine if it is adequately shielded from RF energy. Your p hysician 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.

Turn off your radio power in the following conditions:

●Turn off your radio before removing or installing accessory.

●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 area, 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.

●Do not use any 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.

●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.

Use of Communication Devices While Driving

●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 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. Turn off your radio when taking on fuel or parked at gasoline service stations.

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.

- The plug of adapter is considered as disconnect device.The socket-outlet shall be installed near the equipment and shall be easily accessible.
- In the event of a battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice immediately.

Batteries should be removed from the appliance when not being used for long periods of time (one months). The batteries should be enclosed in special protective packaging (such as sealed plastic bags or variants) which should be retained to protect them from condensation during the time they are warming to ambient temperature.

WARINING: CHOKING HAZARD-Small Parts. Not suitable for children under 3 years old.
KEEP NEW OR OLD USED BATTERIES OUT OF REACH OF CHILDREN.

The adapter plug is considered a disconnecting device. The socket should be installed near the device and should be easily accessible.

Authorized Accessory List

- Contact Retevis for assistance regarding repairs and service.
- For a list of Retevis-approved accessories for your radio model, visit the website: http://ww-w.Retevis.com

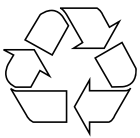
Guarantee

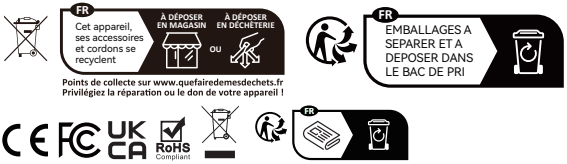
Model Number: _____
Serial Number: _____
Purchasing Date: _____
Dealer: _____ Telephone: _____
User's Name: _____ Telephone: _____
Country: _____ Address: _____
Post Code: _____ Email: _____

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.





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Made in China

说明书印刷要求：

尺寸：120*160mm

样式：骑马装订

印刷：全黑白,封面封底内页为空白，

质保卡为单独一页

纸张：全双胶纸

此面不用印刷