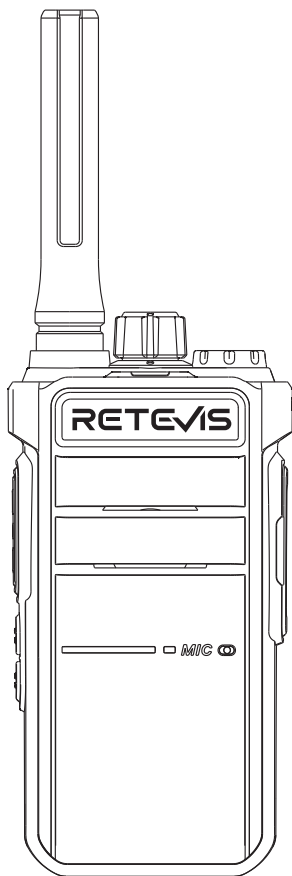


# RETEVIS



## **RB26H**

### **USER'S MANUAL**



# CONTENT

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For downloading further resources:  
Brochures, Software/Firmware, Manual etc, Pls 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.



Thank you for your purchase. Before using it, please read the manual carefully and save it properly.

## Out-of-box Check

Before use, open the package box, and check the radio and equipped accessories in the list. If any item is lost or broken, contact the delivers or dealers immediately.

## List

Item	Quantity
Radio	1
Antenna	1
3.7V Li-ion battery	1
Charging base	1
Belt clip	1
Type-C charging cable	1
User manual	1

## Battery Information

### 1. Battery Usage

The battery is not fully charged at the factory. Before using it, please charge it. To extend the service life of the battery, turn off the radio when not in use. Also, save the battery in cool and dry places (temperature is lower than 25°C).

Since batteries are sensitive to high temperatures when storing them, keep them in a cool and dry place. The recommended temperature should be between +10 °C and +25°C and never exceed +30°C. Batteries should therefore not be stored next to radiators or boilers nor in direct sunlight. Extremes of humidity (below 35% and above 95% relative humidity for sustained periods should be avoided since they are detrimental to both batteries and packing. Although the storage life of batteries at room temperature is good, storage is improved at lower temperatures provided special precautions are taken. Also, accelerated warming is harmful.

### 2. Charging Attention

▲ Turn off the radio before charging it. Don't make the charger exposed to the rain and snow, and save it in indoor dry places.

▲ Don't operate the charger if the charger is shocked strictly, falls from a height, or is damaged in other ways.

▲ Don't remove the charger if the charger is shocked strictly, is abandoned, or is damaged in other ways.

▲ Don't replace randomly if the AC cable or adapter is unmatched with the charger. Charge under installing the proper adapter. Improper charging may cause the danger of electric shock.

▲ To reduce the risk of cable or adapter damage, unplug the adapter rather than the power cable when disconnecting the charger and AC socket.

▲ To reduce the risk of electric shock, unplug the charger from the socket before repairing or cleaning.

▲ Charge with other charging or unmatched equipment may cause the risk of fire or electric shock.

▲ Ensure the position of the power cable won't be stepped on, tripped, and get pressured.

▲ Don't use the extended cable unless it is essential. The improper extended cables may cause the risk of fire or electric shock. If it must use the extended cable, make sure:

1. The pins of the extended cable adapter are the same as the number, size, and shape of the charger adapter. The extended cable length is 18AWG, and the shortest is 30M. The longest is up to 45M, and the length is 16AWG.

▲ Don't replace the charger power cable. If the power cable is damaged, stop charging.

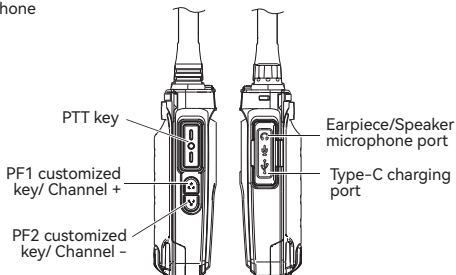
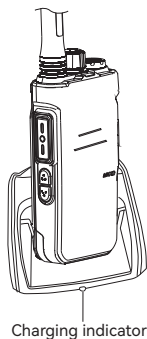
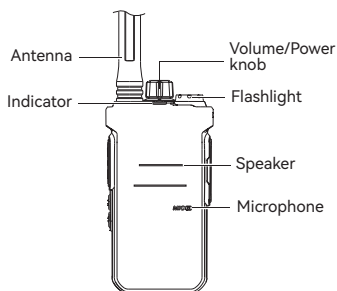
## Product Features

Main feature 1: Hidden display: Channel, Power, VOX, Monitor, Electricity, Transmit, Receive, Receive signal, NOAA

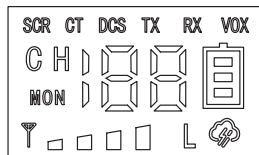
Main feature 2: Turn on/off CTCSS/DCS: Long press the up + down key and turn on the radio to turn on/off CTCSS/DCS

Main feature 3: Power adjustment: Long press the up + PTT key and turn on the radio to switch. High power: 3W, Low power: 0.5W

## Familiar with Radio



## LED Display



## Icon Instructions

No	Icon	Instruction
1	SCR	Scan
2	CT	CTCSS
3	DCS	DCS
4	TX	Transmit
5	RX	Receive
6	VOX	VOX
7	CH	Channel
8	L	Low power
9	MON	Monitor
10	NOAA	NOAA
11	Battery power	Battery power

## Basic Operations and Function Instructions

### Turn on/off Radio

Rotate the power knob clockwise and hear a click sound, the radio is turned on.  
Rotate the power knob anticlockwise and hear a click sound, the radio is turned off.

### Transmit

Press the PTT key to transmit and the indicator lights up red. Speaking towards the microphone, the opposite will hear spoken information. After speaking, release the PTT key to receive the opposite speaker information, and the indicator lights up green.

### Volume +/-

Rotate the volume knob clockwise to increase the volume.  
Rotate the volume knob anticlockwise to decrease the volume.

### Channel Adjustment

Shortly press the PF1 key to increase the channel one by one.  
Shortly press the PF2 key to decrease the channel one by one.

### Local Alarm

Set the PF1 or PF2 customized key to the alarm function through the CPS. When pressing the alarm key, the radio will send the alarm sound to attract people's attention.

### VOX

After turning on the function, there is no need to press the PTT key and speak towards the microphone to transmit directly.

**Flashlight**

Long press the defined PF1 or PF2 key to turn on the flashlight. Long press it again to turn off the flashlight.

**Power Switch**

Press the defined PF1 or PF2 key to switch high/low power.

**Squelch Level**

Set the levels 1-9 through the CPS. The noise of the received signal corresponds with the weak signal. The stronger the signal, the weaker the noise. Divided into several levels between the biggest and smallest noise, each level is called a level. The divided levels are called squelch levels. Users choose based on the actual situation.

**Scan**

Scan can be set to the customized side keys through the CPS. The scan method can be set time and carrier scan. The default is carrier scan. Scan is a receive method to receive communication from all channels. Press the customized side key to receive each channel for a while for receiving the channel signal. If each channel reception time is 100ms, each second can scan 10 channels, that is, the scan speed is 10ch/s. Frequency scan: When turning on, the radio scans all frequencies based on the set steps.

**Voice Broadcast**

English voice broadcast prompt: the key will have a corresponding voice broadcast prompt. Set OFF through the CPS, and the default is ON. Voice broadcasts channel numbers and key functions.

**Wide/Narrow Band Adjustment**

The wide/narrow band is adjustable from 12.5khz/25khz. The default is 25khz. Set through the CPS.

**CTCSS/DCS**

Support 50 CTCSS + 210 DCS + 6 non-standard CTCSS/DCS. OFF is optional. Set it through the CPS.

**NOAA**

12 NOAA channels read lists for reference. The radio monitors NOAA channels. Set the customized side key through the CPS, and long press is optional.

**Customized Side Keys**

Set the customized side keys through the CPS. It can be set: scan, VOX, flashlight, monitor, NOAA, local alarm.

Default keys:

Up key:

Shortly press: channel +

Long press: NOAA

Down key:

Shortly press: channel -

Long press: Flashlight



### Wireless Pairing

1. Press the PF2 key of the receiver and turn on the radio simultaneously. The indicator flashes green and three beep sounds are heard, and the radio enters the receiving mode.
2. Press the PF2 key of the transmitter and turn on the radio simultaneously. The indicator flashes red and three beep sounds are heard, and the radio enters the transmitting mode.
3. Press the PTT key of the transmitter. The indicator flashes red, the radio is transmitting data. Turn on the radio again to exit the mode.
4. The indicator of the receiver flashes green, the radio is receiving the data. After finishing receiving it, the radio will turn on again.

### NOAA Channels

Channel	Frequency
WX 1	162.550
WX 2	162.400
WX 3	162.475
WX 4	162.425
WX 5	162.450
WX 6	162.500
WX 7	162.525
WX 8	161.650
WX 9	161.750
WX 10	161.775
WX 11	162.000
WX 12	163.275

### CTCSS/ DCS

Set the CTCSS/DCS to the radio channels through the CPS. When a channel is set to the CTCSS/DCS, the squelch function will turn on only when receiving the same CTCSS/DCS. If one channel uses different CTCSS/DCS to communicate, the squelch function won't be turned on, and only the indicator lights up green.

## Factory default settings

			GMRS			
channel	RX	TX	power	bandwidth	CTCSS/ DCS	Remarks
1	462.5625	462.5625	3W	25KHz	67.0	
2	462.5875	462.5875	3W	25KHz	118.8	
3	462.6125	462.6125	3W	25KHz	127.3	
4	462.6375	462.6375	3W	25KHz	131.8	
5	462.6625	462.6625	3W	25KHz	136.5	
6	462.6875	462.6875	3W	25KHz	141.3	
7	462.7125	462.7125	3W	25KHz	146.2	
8	467.5675	467.5675	0.5W	12.5KHz	D243N	
9	467.5875	467.5875	0.5W	12.5KHz	D032N	
10	467.6125	467.6125	0.5W	12.5KHz	D047N	
11	467.6375	467.6375	0.5W	12.5KHz	D051N	
12	467.6625	467.6625	0.5W	12.5KHz	D053N	
13	467.6875	467.6875	0.5W	12.5KHz	D065N	
14	467.7125	467.7125	0.5W	12.5KHz	D116N	
15	462.5500	462.5500	3W	25KHz	123	
16	462.5750	462.5750	3W	25KHz	D743I	
17	462.6000	462.6000	3W	25KHz	D332I	
18	462.6250	462.6250	3W	25KHz	127.3	
19	462.6500	462.6500	3W	25KHz	D243I	
20	462.6750	462.6750	3W	25KHz	D606N	
21	462.7000	462.7000	3W	25KHz	D731I	
22	462.7250	462.7250	3W	25KHz	136.5	
23	462.5500	467.5500	3W	25KHz		
24	462.5750	467.5750	3W	25KHz		
25	462.6000	467.6000	3W	25KHz		
26	462.6250	467.6250	3W	25KHz		
27	462.6500	467.6500	3W	25KHz		
28	462.6750	467.6750	3W	25KHz		
29	462.7000	467.7000	3W	25KHz		
30	462.7250	467.7250	3W	25KHz		

## CTCSS (50)

67.0	69.3	71.9	74.4	77.0	79.7	82.5	85.4	88.5	91.5	94.8	97.4	100.0	103.5
107.2	110.9	114.8	118.8	123.0	127.3	131.8	136.5	141.3	146.2	151.4	156.7	159.8	162.2
165.5	167.9	171.3	173.8	177.3	179.9	183.5	186.2	189.9	192.8	196.6	199.5	203.5	206.5
210.7	218.1	225.7	229.1	233.6	241.8	250.3	254.1						

## DCS (150\*2)

D023N	D025N	D026N	D031N	D032N	D036N	D043N	D047N	D051N	D053N	D054N	D065N	D071N	D072N
D073N	D074N	D114N	D115N	D116N	D122N	D125N	D131N	D132N	D134N	D143N	D145N	D152N	D155N
D156N	D162N	D165N	D172N	D174N	D205N	D212N	D223N	D225N	D226N	D243N	D244N	D245N	D246N
D251N	D252N	D255N	D261N	D263N	D265N	D266N	D271N	D274N	D306N	D311N	D315N	D325N	D331N
D332N	D343N	D346N	D351N	D356N	D364N	D365N	D371N	D411N	D412N	D413N	D423N	D431N	D432N
D445N	D446N	D452N	D454N	D455N	D462N	D464N	D465N	D466N	D503N	D506N	D516N	D523N	D526N
D532N	D546N	D565N	D606N	D612N	D624N	D627N	D631N	D632N	D645N	D654N	D662N	D664N	D703N
D712N	D723N	D731N	D732N	D734N	D743N	D754N							

D023I	D025I	D026I	D031I	D032I	D036I	D043I	D047I	D051I	D053I	D054I	D065I	D071I	D072I
D073I	D074I	D114I	D115I	D116I	D122I	D125I	D131I	D132I	D134I	D143I	D145I	D152I	D155I
D156I	D162I	D165I	D172I	D174I	D205I	D212I	D223I	D225I	D226I	D243I	D244I	D245I	D246I
D251I	D252I	D255I	D261I	D263I	D265I	D266I	D271I	D274I	D306I	D311I	D315I	D325I	D331I
D332I	D343I	D346I	D351I	D356I	D364I	D365I	D371I	D411I	D412I	D413I	D423I	D431I	D432I
D445I	D446I	D452I	D454I	D455I	D462I	D464I	D465I	D466I	D503I	D506I	D516I	D523I	D526I
D532I	D546I	D565I	D606I	D612I	D624I	D627I	D631I	D632I	D645I	D654I	D662I	D664I	D703I
D712I	D723I	D731I	D732I	D734I	D743I	D754I							

## Specifications

General	
Frequency Range	GMRS
Memory Channels	30
Audio Distortion	<5%
Frequency Stability	±2.5ppm
Max Frequency Shift	≤2.5KHz
Spurious Emission	≤7uW
Modulation Method	FM
Receive Sensitivity	≤0.25uV/0.3uV
Squelch Sensitivity	≤0.2uV/0.25uV
Adjacent Channel Selectivity	≥65dB
Spurious Response Suppress	≥55dB
Intermodulation	≥60dB
Current	≤1.3A
Work Voltage	3.7V DC

# RF ENERGY EXPOSURE AND PRODUCT SAFETY GUIDE



## ATTENTION!

Before using this device, please read this guide which contains important operating instructions for safe usage, control information and operational instructions for compliance with RF Energy Exposure limits in applicable national and international standards.

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

## Unauthorized modification and adjustment

Changes or modifications not expressly approved by the party responsible for compliance may void the user's authority granted by the local government radio management departments to operate this radio and should not be made. To comply with the corresponding requirements, transmitter adjustments should be made only by or under the supervision of a person certified as technically qualified to perform transmitter maintenance and repairs in the private land mobile and fixed services as certified by an organization representative of the user of those services. Replacement of any transmitter component (crystal, semiconductor, etc.) not authorized by the local government radio management departments equipment authorization for this radio could violate the rules.

## FCC

- 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:
  - (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 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.

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.

## Disposal

• 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.

## Hand-held Mode

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 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 in the following conditions:**

- 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 Radiocommunication device when taking on fuel or parked at gasoline service stations.
- 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.
- 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 burn can result.
- Turn off your radio before removing or installing accessories.
- When the transceiver is used for long transmissions, the radiator and chassis will become hot.

### **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 airbag deployment area. The radio may be propelled with great force and cause serious injury to occupants of the vehicle when the airbag inflates.



### **Protect your hearing**

- 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.

- Turn off your radio before charging.
- Rechargeable batteries are only to be charged by adults or by children at least 8 years old under adult supervision.
- Do not use the charger outdoors or in moist environments, use only in dry locations/conditions.
- Do not disassemble the charger, which may result in a risk of electrical shock or fire. A charger should be dismantled only by trained people.

The plug of the adapter is considered a disconnect device. The socket-outlet shall be installed near the equipment and shall be easily accessible.

- 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.
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

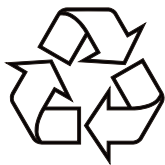
### Exclusions from Warranty Coverage:

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.









**CE FCC RoHS**



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

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



**MADE IN CHINA**

# 说明书要求

尺寸：120\*160mm

印刷：黑白印刷

装订：胶黏钉

纸张材质：双胶纸

本页无需印刷