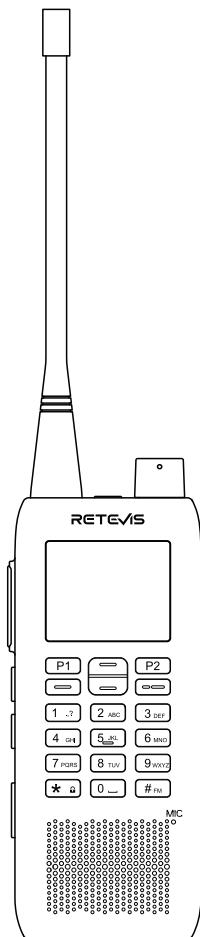


RETEVIS



MateTalkC3 User' s Manual

Contents

Notice to Users	01
Features	02
Getting Started	03
Screen Display	04
Key Descriptions	05
Menu Descriptions	07
Function Descriptions	22
Digital Application Mode Function Descriptions	14
Factory Defaults	22
Specifications	26
CAUTION	27
Guarantee	31

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.

Notice to Users

Unpacking Inspection

Please inspect the contents of the packaging box carefully before use. Check the main unit and all included accessories for any damage or missing items that may have occurred during shipping. If any items are found to be missing or damaged, please contact the delivery person or dealer immediately.

Battery Information

● Charging Precautions

Please charge new or long-unused rechargeable batteries before use. Two or three charge/discharge cycles will optimize battery capacity.

When the battery power is low, recharge or replace the battery as needed.

● Applicable Battery Types

Please use only batteries specified by our company. Using other types of batteries may cause explosions, resulting in personal injury.

Note:

1. Do not short-circuit the battery terminals or dispose of the battery in a fire. Do not disassemble the battery pack casing.
2. Charge the battery in an environment where the temperature is between 0°C and 40°C. Charging outside this range may affect proper battery charging.
3. Turn off the two-way radio when charging. Using the radio during charging may prevent proper battery charging.
4. Avoid unplugging the power or battery during the entire charging process to prevent interference with the charging program.
5. If the usage time significantly decreases even after a full charge, the battery life has expired. Replace it with a new battery.
6. If the battery is fully charged, do not unplug and reinsert it for further charging. This may shorten or damage the battery life.
7. Do not charge the battery or the two-way radio when they are wet. Dry them with a cloth before charging to avoid hazards.
8. Eliminating the Risk, keep away from the flammable materials, heat sources and ignition sources while a battery is charged. Charging should only take place in a well ventilated area and when someone is about to be aware and react to a potential issue.
9. To reduce risk of fire, a battery should not be charged for more than 3 hours and disconnect charger from line voltage (AC outlet) by removing main plug even if the battery is not completely charged. Don't leave a device unattended while charging. Disconnect the charger when the device is fully charged: do not overcharge the device.

● Warning:

All batteries may cause damage or personal injury when conductive metals such as jewelry, keys, or jewelry chains contact the electrodes. These conductive metals may form a short circuit and generate significant heat. Exercise caution when handling any battery, especially when placing it in pockets, bags, or other metal containers.

● Charging Steps

1. Insert the adapter with a standard output of 5V DC and 1A into a power socket.

2. Place the battery or the two-way radio with the battery installed onto the charging dock.
3. Ensure the battery makes good contact with the charging contacts. The charger indicator turns red to indicate the start of charging. For Type-C charging, insert the Type-C charging plug into the Type-C charging port on the right side of the device. The device display will show a green icon when fully charged.
4. When the charging dock indicator turns green, charging is complete. You may now remove the battery or the two-way radio with the battery installed for use.

Note: Do not use the two-way radio during charging and ensure it is turned off.

● **Maintenance and Cleaning**

- Do not hold the antenna or external microphone directly.
- Wipe dust and stains off the two-way radio with a lint-free cloth to prevent poor contact.
- When the two-way radio is not in use, cover the earphone jack.
- After prolonged use, the buttons, control knobs, and casing of the two-way radio may become dirty. Clean them with a mild detergent (avoid using strongly corrosive chemicals) and a damp cloth.

Accessory Installation

Installing/Removing the Battery

Align the positioning posts at the bottom of the battery pack with the battery slots on the back casing. Gently press down on the top of the battery until it clicks into place and the battery lock secures it. To remove the battery, slide the lock upward to release it and take out the battery.

Installing/Removing the Antenna

Hold the base of the antenna and screw it clockwise into the antenna socket on the top of the two-way radio until tight. To remove the antenna, unscrew it counterclockwise.

Installing the Two-Way Radio Lanyard

To install the belt clip, ensure the device is turned off. Align the belt clip with the access slot on the back of the device and gently insert it until the locking part is securely engaged. To remove the belt clip, press the upper part of the lock release button and gently remove the clip from the device. After removal, check that the device is intact and store the belt clip properly.

Installing Additional Purchased Speaker/Microphone Earphones

Open the earphone cover and plug the speaker/microphone earphone directly into the speaker/microphone jack.

Features

- Dual-band Dual-standby
- Work Order Management
- SMS
- Vibration alert
- Individual call, group call, and all call
- Channel lock
- Wireless cloning
- High/low power settings
- Programmable side keys

- Wide/narrow bandwidth selection
- Remote alarm
- Power-saving mode
- Customizing side key functions

Getting Started

Installing the Antenna

1. Place the antenna onto the antenna interface and screw it clockwise until tight.

Using the Type-C USB Charger

The Type-C USB charger provides a convenient way to charge the two-way radio battery. Use a certified adapter (charging voltage: 5V, current: 1A).

1. Insert the Type-C USB charging cable into the Type-C charging port on the two-way radio for charging.
2. The device display shows a [] red icon to indicate charging is in progress and a green [] icon when fully charged.

Power On/Off

1. Turn on the two-way radio by rotating the knob clockwise from the off state.
2. Turn off the two-way radio by rotating the knob counterclockwise from the on state.

Volume Adjustment

1. In standby mode, rotate the knob clockwise to increase the volume;
2. In standby mode, rotate the knob counterclockwise to decrease the volume.

Making Calls

For communication, all two-way radios in your group must be set to the same channel frequency and

CTCSS/DCS.

For communication, all two-way radios in your group must be set to the same channel frequency and

CTCSS/DCS.

When making a call, press and hold the [PTT] key to send a voice. The screen displays "A BAND TX" or "B BAND TX" and the red light turns on. The receiver's screen displays "A BAND RX" or "B BAND RX," and the green light turns on. For optimal call quality, keep your mouth 3-5 cm away from the two-way radio microphone while speaking.

Digital Application Mode

Digital Application mode is a work order management tool designed for task assignment, tracking, management, and workflow optimization. It supports group call, individual call, and SMS functions, helping businesses and teams efficiently handle daily operational tasks.

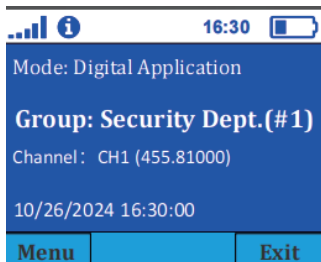
1. Visit the Retevis official website or scan the code to download and install the Workorder management software (currently supports WINDOWS system only). Connect the two-way radio to the computer using a Type-C interface data cable (no specialized programming cable required). The default login password is 12345678. Change the password after logging in.

Note: For detailed operation steps, refer to the relevant setup videos or detailed function settings on page 18.

Screen Display

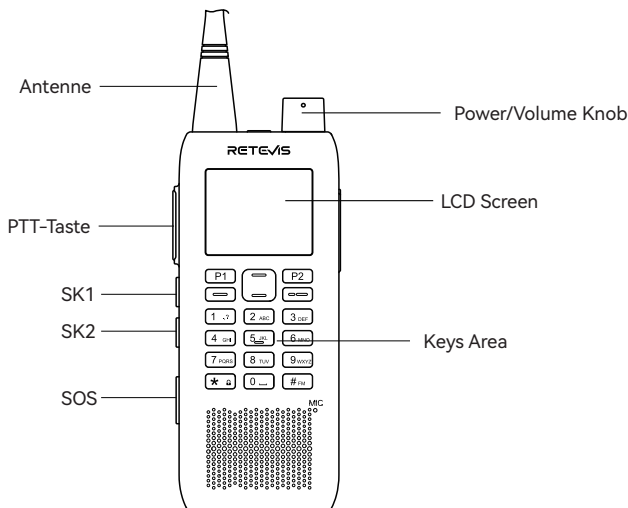
No.	Icon	Product Status
1		Shows the remaining battery charge; more bars indicate higher battery level
2		When connected to the charger, the device displays the charging icon or indicator, showing that it is currently charging
3		When enabled, the two-way radio will vibrate to alert you of incoming messages
4		When monitoring is enabled, the device automatically receives all conversations on the current channel
5		Press the alarm key, and the device will emit an alarm sound or send an emergency signal, suitable for emergencies
6		When the scan function is on, the device enters channel scan mode and scans between added channels
7		When headphones are inserted, audio automatically switches to headphone output
8		Indicate that voice-activated transmission (VOX) function is enabled. Transmission starts when the microphone's sound pressure level reaches the set value
9		Indicate that a signal is currently being received
		Mute mode indicates that the current mute function is on, and the two-way radio will not play any received sounds
10		The screen shows the current signal strength to help judge communication quality
11	+	In frequency mode, this symbol indicates that the transmission frequency is the reception frequency plus a frequency difference
12	-	In frequency mode, this symbol indicates that the transmission frequency is the reception frequency minus a frequency difference
13	FR	In frequency/channel mode, indicates that reception and transmission frequencies are inverted
14	TA	When not connected to a repeater, the transmission frequency automatically switches to match the reception frequency
15	H	Current transmission power is high (longest communication distance, highest power consumption)
16	L	Current transmission power is low (most power-efficient, shorter distance)
17	CTC	Indicate that the current sub-audio is analog CTCSS
18	DCS	Indicate that the current sub-audio is digital DCS
19	DCSI	Reverse digital DCS, opposite to forward digital sub-audio, enhancing privacy and anti-interference effects
20	N	Narrowband, conserves frequency resources, suitable for multi-user environments, with slightly reduced sound quality
21	W	Wideband, clearer sound quality, suitable for scenarios requiring high communication quality

Digital Application



1	Mode	Indicate that you are currently in Digital Application mode
2	Group	Show your current group and group number
3	Channel	Show your current channel frequency and signal number
4	Date and Time	Show the current date and real-time
5	PPTID ID	Show the current device's PPTID and device name

Key Descriptions



1. PTT Button (Transmit Button)

Transmitter and receiver toggly: Press this button to transmit and speak into the microphone. Release the button to receive.

2. SK1 Key (Programmable Key)

Short press: Switch between high and low power. Long press: Monitor.

Can be set via menu: No function, switch high/low power, monitor, scan switch, VOX switch, talkaround, mute switch, vibration alert switch, secondary PTT (long press).

In Digital Application mode, short press SK1 to turn vibration on/off.

3. SK2 Key (Programmable Key)

Short press: Scan switch. Long press: VOX switch.

Can be set via menu: No function, switch high/low power, monitor, scan switch, VOX switch, talkaround, mute switch, vibration alert switch, secondary PTT.

In Digital Application mode, short press SK2 to turn mute mode on/off.

4. P1 Key (Programmable Key)

Short press: Talkaround. Long press: Vibration alert switch.

Can be set via menu: No function, switch high/low power, monitor, scan switch, VOX switch, talkaround, mute switch, vibration alert switch, secondary PTT.

In Digital Application mode, short press P1 to open the Work Order interface.

5. P2 Key (Default Programmable Key)

Short press: Scan switch. Long press: Mute switch.

Can be set via menu: No function, switch high/low power, monitor, scan switch, VOX switch, talkaround, mute switch, vibration alert switch, secondary PTT.

In Digital Application mode, short press P2 to open the Messages interface.

6. Menu Key

Short press: In standby mode, short press for menu; in menu mode, short press for confirm.

7. Return Key

Short press: In standby mode, short press to switch frequency bands (band); in menu mode, short press to return.

Long press: In standby mode, long press to switch to VFO mode.

8. Up Key

In standby mode, short or long press to cycle up through channels or frequencies. In menu mode, short press to cycle up through function selections.

9. Down Key

In standby mode, short or long press to cycle down through channels or frequencies. In menu mode, short press to cycle down through function selections.

10. OS Key

Short press to turn off emergency alarm function; long press to turn on emergency alarm function.

11.0-9 Numeric Keys

In standby mode, if in normal channel mode, short press numeric keys to set different channel numbers; if in VFO mode, short press numeric keys to set different frequencies.

12. * Key/Lock Key

In text mode, short press to output * character; in standby mode, long press to lock the keyboard, preventing operation of other keys except PTT and SOS keys.

Menu Descriptions

Level 1 Menu	Level 2 Menu	Level 3 Menu	Description
Main Set	Display Mode	/	Channel display mode. Can be set to frequency mode, name mode, or channel number mode.
	Squelch	/	Squelch level. Can be set to levels 0-9. At level 0, squelch is always on.
	Band	/	Band setting. Can set different single bands and dual bands, including Band-A, Band-B, Band-A&Band-B, and Band-B&Band-A.
	Back Light Level	/	Background light brightness level. Can be set to levels 1-15.
	Back Light Time	/	Background light duration. Can be set to 5s, 10s, 15s, 20s, 25s, 30s, 1min, 2min, 3min, 4min, 5min, 15min, 30min, 45min, and 1 hour.
	Call Light	/	Incoming call screen light switch
	Key Function	/	Custom settings for side keys (SK1 and SK2), P1 key, and P2 key functions
	Audio	/	Transmit beep, key beep, Roger beep, and MIC gain settings
	VOX Switch	/	VOX switch
	VOX Delay	/	VOX detection delay time. Can be set to 500ms, 1s, 1.5s, and 2s.
	VOX Level	/	VOX sensitivity level. Can be set to levels 1-9. Lower levels are more sensitive.
	Power Save	Power Save Level; Power Save Delay	Power-saving mode level and delay time. Power-saving mode level can be set to OFF, 1:1, 1:2, and 1:4. Power-saving mode delay time can be set to 5s, 10s, 15s, 20s, 25s, 30s, 1min, 3min, 5min, 10min, 15min, 20min, 25min, and 30min.
	Menu Timeout	/	Auto exit menu time setting
	Single Tone	/	Single tone signaling type: 1000Hz, 1450 Hz, 1750 Hz, and 2100 Hz.
	TOT Again Time	/	Timeout retransmission delay time. Can be set to Off, 5s, 10s, 15s, 20s, 25s, and 30s.
	All CTCDC Switch		Global sub-audio switch
	Mute Reminder		Mute switch
	Virba Reminder		Vibration alert switch
	Radio Information		Two-way radio information

Level 1 Menu	Level 2 Menu	Level 3 Menu	Description
Channel	VFO-A, VFO-B;CH1- CH30(CH16)	Channel Info	Comprehensive channel information
		Bandwidth	Select wide or narrow band. Wide for wideband, Narrow for narrowband.
		C-CDC	Set both transmit and receive CTCSS/DCS. Options: OFF, 1-50 CTCSS, 51-155 DCS forward code, 156-260 DCS reverse code.
		R-CDC	Set receive CTCSS/DCS. Options: OFF, 1-50 CTCSS, 51-155 DCS forward code, 156-260 DCS reverse code.
		T-CDC	Set transmit CTCSS/DCS. Options: OFF, 1-50 CTCSS, 51-155 DCS forward code, 156-260 DCS reverse code.
		TX Power	Select transmit power: High for high power, Low for low power
		TxOutTime	Transmit timeout time. Can be set to 5-300s.
		TxPermit	Tx Permit. Set to Always Allow (always allow transmission)
		Talkaround & Reversal	Select talkaround and frequency inversion. Talk Around for talkaround, Reversal for frequency inversion, Close for closing both.
	Channel Scan Set	Scan Condition	Scan condition: Carrier and CTCSS/DCS. When set to carrier, no CTCSS/DCS matching is performed.
		Scan Mode	Scan mode: carrier mode, time mode, and search mode
		TX Mode Set	Set transmit mode: Selected (current channel), Last Active Channel (last active channel), and Designated Channel (designated channel)
		Designated Channel	Designated channel selection. Used when transmit mode is set to "Designated Channel."
		Priority Channel 1	Set preferred scan channel 1
		Priority Channel 2	Set preferred scan channel 2
		Channel List	Display scan list channels
		Hang time	Scan dwell time: 1-16s
	VFO Scan Set	Start Condition	Scan start frequency: current scan frequency and start scan frequency
		Scan Condition	Scan condition: carrier and CTCSS/DCS. When set to carrier, no sub-audio matching is performed.
		Scan Mode	Scan mode: carrier mode, time mode, and search mode
		Hang time	Scan dwell time: 1-16s
		START Frequency	Start scan frequency
	Alarm ChannelType	/	Alarm transmit channel selection: current channel, designated channel
	Alarm Mode	/	Alarm mode: local alarm and remote alarm
	Designated Channel	/	Alarm designated transmit channel

Level 1 Menu	Level 2 Menu	Level 3 Menu	Description
Emergency	CLON_TX	Whole Machine Clon	Clone all machines
		Basic Set Clon	Clone basic setting parameters
		Channel Clon	Clone channel parameters
		Basic Set & Channel	Clone basic setting parameters and channel parameters
	CLON_RX	YES	Start clone reception
		NO	Exit clone reception
Radio Clon	/	/	Restore factory settings

DigitalApplication

Level 1 Menu	Level 2 Menu	Level 3 Menu	Description
Main Set	Back Light Level	/	Background light brightness level. Can be set to levels 1-15.
	Back Light Time	/	Background light duration. Can be set to 5s, 10s, 15s, 20s, 25s, 30s, 1min, 2min, 3min, 4min, 5min, 15min, 30min, 45min, and 1 hour.
	Call Light	/	Incoming call screen light switch
	Audio	/	Transmit beep, key beep, Roger beep, and MIC gain settings 30min, 45min, and 1 hour.
	Power Save	Power Save Level and Power Save Delay	Power-saving mode level and delay time. Power-saving mode level can be set to OFF, 1:1, 1:2, and 1:4. Power-saving mode delay time can be set to 5s, 10s, 15s, 20s, 25s, 30s, 1min, 3min, 5min, 10min, 15min, 20min, 25min, and 30min.
	Menu Timeout	/	Auto exit menu time setting
	TOT Again Time	/	Timeout retransmission delay time. Can be set to Off, 5s, 10s, 15s, 20s, 25s, and 30s.
	Mute Reminder	/	Mute switch
	Menu Timeout	/	Auto exit menu time setting
Digital-Application	Work Order	New Task	New work order menu
		Created	Created Work order sending failed menu
		Received	Work order received menu
		Accepted	Work order accepted menu
		Completed	Work order completed menu
		Rejected	Work order rejected menu
		Cancelled	Work order cancelled menu
	Contacts	All	All call menu
		INDIVIDUAL	Contact menu, for sending SMS, editing ID, and deleting contacts
		GROUP	Contact menu, for sending SMS, editing ID, and deleting groups

Level 1 Menu	Level 2 Menu	Level 3 Menu	Description
Digital- Application	Message	New	Unread received inbox
		Received	Read received inbox
		Sent	Sent inbox
		Clear All	Clear all SMS
	Data&Time	Time data	Time synchronization and settings
	Setting	Digital application settings	Personal ID, alias, group number, send inbox capacity, receive inbox capacity, number of sent work orders, number of received work orders, and number of contacts

Function Descriptions

1.Wide/Narrow Bandwidth Adjustment

Wideband communication provides clearer sound quality and is suitable for scenarios requiring high communication quality. Narrowband communication conserves frequency resources and is more suitable for multi-user environments, although sound quality may be slightly reduced. Channels 8-14 are fixed narrowband, while other channels are wideband by default but allow adjustment. In standby mode:

- Press the menu key to enter the menu and select the Channel option.
- Use the up or down key to select the corresponding channel number and press the menu key to confirm and enter channel information settings.
- Select the Bandwidth menu and choose wide or narrow bandwidth. Press the menu key to confirm the selection.

2.Power Switching

Allow switching between high and low power. You can set the channel to operate on high or low power through the "Power" menu's "High/Low" option.

- Press the menu key to enter the menu and select the Channel option.
- Use the up or down key to select the corresponding channel number and press the menu key to confirm and enter channel information settings.
- Select the TX Power menu to adjust wide or narrow bandwidth. Press the menu key to confirm the selection.

3.Dual Standby

The dual standby function allows the two-way radio to monitor two preset channels. The radio automatically and quickly scans between the two channels to ensure the user does not miss any calls on either channel.

- Press the menu key to enter the menu and select the Main Set option.
- Use the up or down key to select the Band option and press the menu key to confirm and enter Band settings.
- Use the up or down key to select Band-A&Band-B or Band-B&Band-A and press the menu key to confirm the selection.

4.Talkaround

When not connected to a repeater, the transmission frequency automatically switches to match the reception frequency.

- Press the menu key to enter the menu and select the Channel option.

- b. Use the up or down key to select the Talkaround & Reversal option and press the menu key to confirm and enter Talkaround & Reversal settings.
- c. Use the up or down key to select Talk Around and press the menu key to confirm the selection.
- d. By default, short press the P1 key to directly activate the talkaround function.

5. CTCSS/DCS Code

CTCSS/DCS codes are low-frequency audio signals (CTCSS) or digital code signals (DCS) added to voice signals that are usually inaudible to the human ear. You can set 50 CTCSS and 105 pairs of DCS codes.

- a. Press the menu key to enter the menu and select the Channel option.
 - b. Use the up or down key to select the corresponding channel number and press the menu key to enter channel information settings.
 - c. Select the C-CDC menu to set both transmit and receive CTCSS/DCS codes; select the R-CDC menu to set receive CTCSS/DCS codes; select the T-CDC menu to set transmit CTCSS/DCS codes.
- ### **6. Channel Switching**
- In standby mode, use the up or down key to switch the current channel.

7. Single Tone Signaling

Used to activate a repeater when it is in sleep mode. In standby mode, press the PTT button to enter transmit mode, then press the side key SK1 or SK2 to transmit the corresponding single tone signal. Release the side key SK1 or SK2 to resume voice transmission.

8. Monitoring

The monitoring function temporarily reduces the current channel's squelch level, allowing you to hear even very weak radio signals (below the normal squelch threshold) or signals without the correct CTCSS/DCS code. Set the programmable key function to monitor switch in the Key Function menu or programming software. In standby mode, press the custom monitor key to turn on the monitor icon, and the two-way radio will monitor signals on the primary standby channel.

9. VOX

When VOX function is enabled, the two-way radio continuously monitors ambient sound through the microphone. When speaking sound reaches the preset volume threshold, the radio automatically starts transmitting. When you stop speaking for a preset delay, the radio automatically stops transmitting and returns to standby mode.

Set the programmable key function to VOX switch in the Key Function menu or programming software. In standby mode, press the custom VOX key to turn on the VOX icon, and the two-way radio will start transmission through voice activation. Set the VOX sensitivity level in the VOX Level menu to levels 1-9 (lower levels are more sensitive). Set the VOX delay time in the VOX Delay menu to 500ms, 1s, 1.5s, or 2s.

10. Scanning

When the scanning function is enabled, the two-way radio automatically and cyclically briefly stops on each channel in the preset channel list to monitor. When an effective signal (signal strength exceeds the squelch threshold and matches the CTCSS/DCS code settings) is detected on a channel, the radio automatically stops scanning and locks onto that channel, allowing you to hear the complete conversation. After the conversation on that channel ends (after the preset recovery time or when the carrier disappears), the radio automatically resumes scanning and continues to poll other channels in the list.

Set the programmable key function to SCAN switch in the Key Function menu or programming software. In standby mode, short or long press the programmable key to start the scanning function.

11. Local Alarm

In the Alarm Mode menu, set the alarm mode to Local Alarm mode. Long press the SOS key to turn on the alarm and short press to turn it off. When turned on, only the local machine emits an alarm sound.

12. Remote Alarm

In the Alarm Mode menu, set the alarm mode to Distant Alarm mode. Long press the SOS key to turn on the alarm and short press to turn it off. When turned on, the local machine emits an alarm sound and sends an alarm signal through the set channel.

13. Squelch

The two-way radio sets a signal strength threshold (squelch level). When the received radio frequency signal strength is below this threshold, the radio automatically mutes the audio output (silence); when the received signal strength reaches or exceeds this threshold, the radio automatically turns on the audio output. Set the squelch level in the Squelch menu to levels 0-9 (at level 0, squelch is always on).

14. Key Lock

Long press the * key/lock key to lock the keyboard, preventing accidental touches.

15. TOT

The TOT (Time-Out Timer) function of the radio is a transmission time limiter designed to prevent long single transmissions from occupying the channel for too long. When the user presses the PTT to transmit, the built-in timer starts. When the transmission duration reaches the preset threshold (e.g., 180 seconds), the two-way radio immediately cuts off the transmission signal, emits a beep, and automatically restores reception when the PTT key is released.

Set the transmission time limit in the TxOutTime menu in each channel's information settings to 0-300 seconds.

16. Mute Function

Immediately turns off all audio output from the speaker without affecting signal reception and indicator lights.

Set the mute function on/off in the Mute Reminder menu. Set the programmable key function to Mute Reminder switch in the Key Function menu or programming software. In standby mode, press the custom Mute Reminder key to turn the mute function on or off.

17. Power-Saving Function

The power-saving function intelligently reduces standby power consumption. If there is no key operation or signal reception within the specified time, the radio periodically puts the receiving circuit to sleep to extend battery life.

Set the power-saving mode level to OFF, 1:1, 1:2, or 1:4. OFF turns off the power-saving function. Set the power-saving mode delay time to 5s, 10s, 15s, 20s, 25s, 30s, 1min, 3min, 5min, 10min, 15min, 20min, 25min, or 30min.

18. Roger Beep Function

The Roger Beep function automatically plays a short prompt tone when the PTT button is released to end transmission. In the Audio Enable menu, check Roger Beep to turn on the transmit beep function.

19.Low Battery Alert

When the battery level is low, a warning is issued to remind the user to charge the battery. In the Audio Enable menu, check Low Battery Beep to turn on the low battery alert function.

20.Transmit Beep Elimination

The transmit beep elimination function removes residual noise after the end of a call. Turn this function on or off through the programming software (default on).

21.Microphone Gain

Adjusting the microphone gain can increase or decrease the sensitivity of the two-way radio's microphone. Set different gain levels in the Mic Gain menu or programming software, with a range of 1-5.

22.Channel Busy Lock

The channel busy lock function prevents accidental transmission when the channel is already occupied, serving as an anti-collision mechanism. When the two-way radio detects a continuous signal on the channel and the PTT key is pressed, the radio refuses to transmit, emits an error beep, and displays a pop-up message indicating that transmission is not possible.

In standby mode, press the menu key to enter the Channel menu, use the up or down key to select the corresponding channel number, press the menu key to enter channel information settings, select the TxPermit menu, and finally select Channel Free to enable the channel busy lock for the current channel.

23.Customizable Programmable Keys

Customize the functions of the two side keys, P1 key, and P2 key through the Key Function menu and programming software. Available functions include switching transmit power, monitoring, scanning, VOX, talkaround and frequency inversion, secondary PTT, mute, and vibration alert.

24.Wireless Cloning

Copy the parameters (frequency/CTCSS/DCS code/channel, etc.) from the host machine to the slave machine via radio waves (not a data cable).

In the Radio Clon menu, select CLON_RX on the slave machine to enter the wireless cloning reception interface; select CLON_TX on the host machine, choose the type of data to clone as needed, and finally press the confirm key to enter the transmission interface and start transmitting data.

25.A/B Channel Switching

In standby mode, short press the return key to switch between A/B channels.

26.Vibration Alert

After waiting more than one minute without receiving any communication, the two-way radio will vibrate to alert the user upon receiving the first communication.

Set the vibration alert function on/off in the Vibra Reminder menu. Set the programmable key function to Vibra Reminder switch in the Key Function menu or programming software. In standby mode, press the custom Vibra Reminder key to turn the vibration alert function on or off.

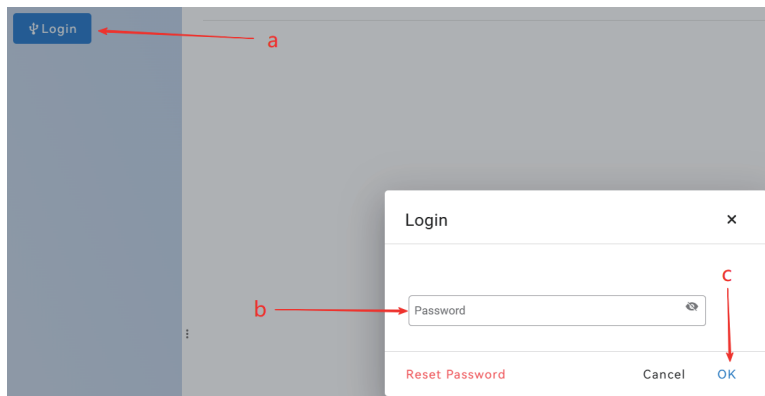
Digital Application Mode Function Descriptions

Work Order Management System

The Work Order Management System (Digital Application) is a tool for task assignment, tracking, management, and workflow optimization, helping businesses and teams efficiently handle daily operational tasks. It ensures tasks are completed on time and provides traceable records, thereby improving work efficiency and service quality. The system is widely used in scenarios such as shopping malls, hotels, and office buildings, effectively enhancing resource coordination, customer satisfaction, and overall operational efficiency.

Digital Application Identity Activation

-Visit the Retevis official website or scan the code to download and install the WorkOrder software (currently supports WINDOWS system only). Connect the two-way radio to the computer using a Type-C interface data cable (no specialized programming cable required).



a. After installing the WorkOrder software, click the Login button to log in.

b. Enter the default password: 12345678.

c. Click the OK button to log in.

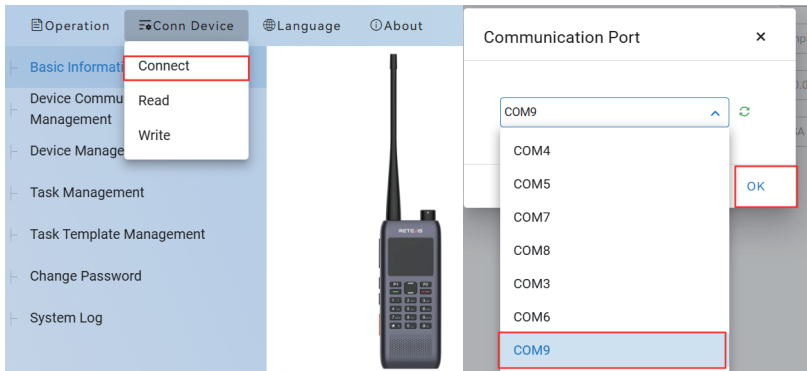
-Connect the two-way radio to the Work Order software

a. In the upper selection bar of the WorkOrder software, click the Conn Device option.

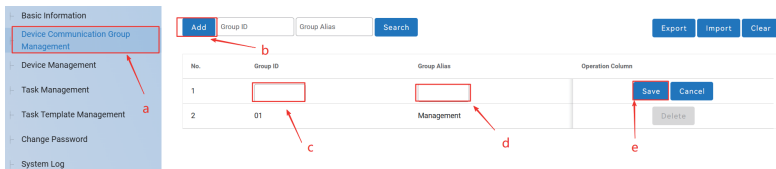
b. Select Connect to open the Communication Port window.

c. Select the current communication serial port connecting the two-way radio to the computer and click OK.

d. Click the Read button under the Conn Device option to read the current device information.



-Click the device communication group management option in the Work Order software to create groups. To activate the Digital Application identity of the two-way radio, you must create groups. Group ID 01 is for administrators, who can send and manage work orders in the Work Order software. Groups 02-29 are for regular employees. If no permission to send work orders is assigned, they can only receive and reply to work orders.



a. Select Device Communication Group Management.

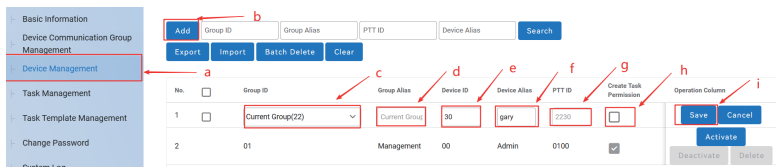
b. Click the Add option to add a group.

c. Enter the group ID number (1-29).

d. Enter the group alias.

e. Click Save to save the created group.

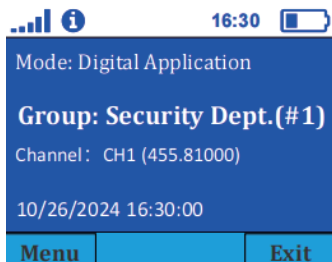
-Activate Digital Application identity



Operation Column



- a. Click the Device Management option.
- b. Click ADD to add a device.
- c. Select which group the current device should be added to.
- d. After selecting the group, the previously set group ID alias will automatically display.
- e. Set your device ID (device ID: 00-99).
- f. Set the device alias.
- g. After setting the ID, the system will automatically generate your PPTID.
- h. If you need to set the device with permission to send work orders, check the box for creating task permission.
- i. Click the SAVE option to save the device information.
- j. Click the Activate option to activate the Digital Application identity.



After activating the Digital Application mode, the host interface will display confirmation of activation.

Note: PPTID is an identity identifier. Each two-way radio has a unique PPTID. Within a network, each two-way radio's PPTID must be different. The PPTID consists of four digits, with the first two digits representing the group ID and the last two digits representing the device ID.

Adding Contacts and Contact Groups

a.Press the host menu key to enter the menu and select the Digital Application option.

b.Press the menu key to confirm and enter the Contacts menu.

Digital Application	
	Work Order
	Contacts
	Messages
	Date&Time
	Setting
Select	Exit

d.Select either the INDIVIDUAL menu or the GROUP menu.

Contacts	
	ALL
	INDIVIDUAL (1)
	GROUP (2)
Select	Exit

Select the GROUP menu to create a group contact. Choose New, enter the group alias and group ID number (01-15), and press confirm to automatically save to the contacts menu.

New A Group	
Alias:	
Group ID:	
Select	Exit

Select the INDIVIDUAL menu to create an individual contact. Choose New, enter the contact alias and ID number (0200-2999), and press confirm to automatically save to the contacts menu.

New A Individual

Alias:

ID:

Select

Exit

Sending Work Orders (Only administrators or devices with work order permission can send work orders

a.Press the menu key to enter the menu and select the Digital Application option.

b.Press the menu key to confirm and enter the Work Order menu, select Send Function, and choose New Task.

Digital Application



Work Order



Contacts



Messages



Date&Time



Setting

Select

Exit

d.Write your work order information, select the assignee (can be added from the contacts management INDIVIDUAL list) and the completion deadline, and press confirm to send the work order.

New Task#2410250001

To:

Bob (#2001)



Get the chair for Room
#2024

Endtime:

5 mins (16:35)



Send

Exit

d.Wait for the work order to be sent. If successful, it will prompt "Send Successfully." You can view the work order in the Send Function menu's Received menu in the Work Order menu.

e.If the transmitter fails to send, it will prompt "Send Failed." The transmitter can view failed work orders in the New menu in the Send Function menu in the Work Order menu.

Receiving Work Orders

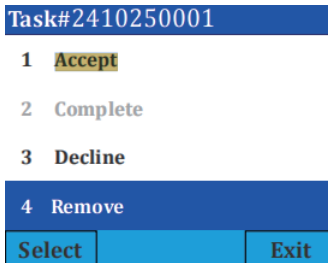
a.When the receiver receives a work order, a new work order reception or status update will be prompted on the standby interface. Press confirm to view the work order content.



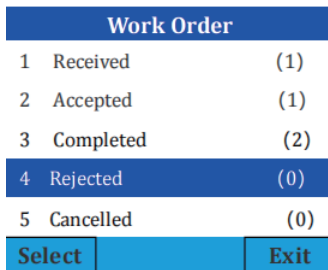
Task Cancelled!
#2410250001



b.In the work order content interface, press the menu key to enter the operation interface and change the current work order status, such as Accept, Reject, and Complete. You can also choose to delete the current work order.



c.Received work orders can be found in the Receive Function menu in the Work Order menu according to their current status. Press confirm to view the work order content.



Replying to Work Orders by the Transmitter

- If the transmitter receives an Accepted work order, they can choose to Cancel or delete it.
- If the transmitter receives a Completed or Rejected work order, they can choose to Restart or delete it.

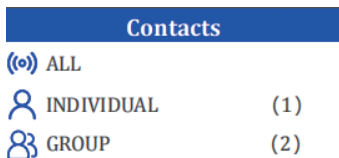
Deleting Work Orders

- Both the Send Function and Receive Function menus have a Clear All option to delete all work order data.

SMS Function

Sending SMS

- Press the menu key to enter the menu and select the Digital Application option.
Press the menu key to confirm and enter the Contacts menu. Choose ALL, INDIVIDUAL, or GROUP.



- Enter the corresponding Send Message menu, edit the SMS text, and press confirm to send.



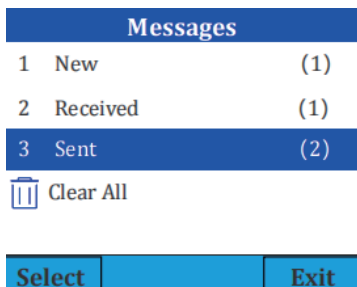
- Wait for the SMS to be sent. If successful, it will prompt "Send Successfully"; if it fails, it will prompt "Send Failed."

Note:

- Choosing ALL sends the SMS to all accessible devices.
- Choosing GROUP sends the SMS to all members of the preset group. All devices in the same group will receive the information.
- Choosing INDIVIDUAL sends the SMS only to the specified device. Others cannot receive it.

Receiving SMS

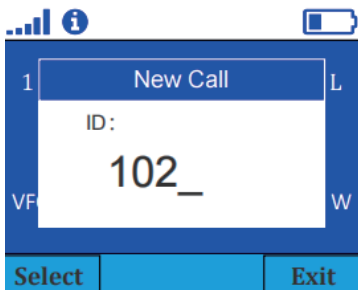
a. Press the menu key to enter the menu and select the Digital Application option, then select the Messages menu.



b. In the Messages menu, the New menu contains unread received SMS, Received contains read received SMS, and Sent contains sent SMS. After viewing the SMS, you can reply or send an SMS.

Calling Function

The calling function allows you to enter the PPTID, group call ID, or all call ID of the party you want to call on the two-way radio's numeric keypad to communicate with different individuals or groups.



Individual Call

One-to-one communication where the initiator only communicates with the specified two-way radio, and others cannot hear it.

- Enter the valid PPTID number of the other party on the two-way radio's numeric keypad.
- Press the PTT key. If the PPTID is valid, an individual call window will pop up on the standby interface, and the lights will show red and green.
- If the PPTID is invalid, a "Tx is not permitted!" interface will pop up on the standby interface, and an invalid prompt tone will sound.

Note: The PPTID is the one automatically generated by the system when activating the device in the work order management system.

- Individual Call

One-to-one communication where the initiator only communicates with the specified two-way radio, and others cannot hear it.

- Enter the valid PPTID number of the other party on the two-way radio's numeric keypad.
- Press the PTT key. If the PPTID is valid, an individual call window will pop up on the standby interface, and the lights will show red and green.
- If the PPTID is invalid, a "Tx is not permitted!" interface will pop up on the standby interface, and an invalid prompt tone will sound.

Note: The PPTID is the one automatically generated by the system when activating the device in the work order management system.

- Group Call

Group call refers to broadcast communication from the transmitter to all members of the preset group. All devices in the same group can receive the information.

- Enter the valid group ID number on the two-way radio's numeric keypad.
- Press the PTT key. If the group ID is valid, a Group Call window will pop up on the standby interface.
- If the group ID is invalid, a "Tx is not permitted!" interface will pop up on the standby interface, and an invalid prompt tone will sound.

Note: The group ID is the one set when creating the group in the work order management system.

- All Call

All call refers to broadcasting calls to all accessible devices.

- Enter "00" on the two-way radio's numeric keypad.
- Press the PTT key. A Group Call window will pop up on the standby interface, and all accessible devices can receive your information.

Factory Defaults

CTCSS/DCSS LIST

CTCSS									
NO.	Freq	NO.	Freq	NO.	Freq	NO.	Freq	NO.	Freq
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									
NO.	Code	NO.	Code	NO.	Code	NO.	Code	NO.	Code
51	D023N	52	D025N	53	D026N	54	D031N	55	D032N
56	D036N	57	D043N	58	D047N	59	D051N	60	D053N
61	D054N	62	D065N	63	D071N	64	D072N	65	D073N
66	D074N	67	D114N	68	D115N	69	D116N	70	D122N
71	D125N	72	D131N	73	D132N	74	D134N	75	D143N
76	D145N	77	D152N	78	D155N	79	D156N	80	D162N
81	D165N	82	D172N	83	D174N	84	D205N	85	D212N
86	D223N	87	D225N	88	D226N	89	D243N	90	D244N
91	D245N	92	D246N	93	D251N	94	D252N	95	D255N
96	D261N	97	D263N	98	D265N	99	D266N	100	D271N
101	D274N	102	D306N	103	D311N	104	D315N	105	D325N
106	D331N	107	D332N	108	D343N	109	D346N	110	D351N
111	D356N	112	D364N	113	D365N	114	D371N	115	D411N
116	D412N	117	D413N	118	D423N	119	D431N	120	D432N
121	D445N	122	D446N	123	D452N	124	D454N	125	D455N
126	D462N	127	D464N	128	D465N	129	D466N	130	D503N
131	D506N	132	D516N	133	D523N	134	D526N	135	D532N
136	D546N	137	D565N	138	D606N	139	D612N	140	D624N
141	D627N	142	D631N	143	D632N	144	D645N	145	D654N
146	D662N	147	D664N	148	D703N	149	D712N	150	D723N
151	D731N	152	D732N	153	D734N	154	D743N	155	D754N
156	D023I	157	D025I	158	D026I	159	D031I	160	D032I
161	D036I	162	D043I	163	D047I	164	D051I	165	D053I
166	D054I	167	D065I	168	D071I	169	D072I	170	D073I
171	D074I	172	D114I	173	D115I	174	D116I	175	D122I
176	D125I	177	D131I	178	D132I	179	D134I	180	D143I
181	D145I	182	D152I	183	D155I	184	D156I	185	D162I
186	D165I	187	D172I	188	D174I	189	D205I	190	D212I
191	D223I	192	D225I	193	D226I	194	D243I	195	D244I
196	D245I	197	D246I	198	D251I	199	D252I	200	D255I
201	D261I	202	D263I	203	D265I	204	D266I	205	D271I
206	D274I	207	D306I	208	D311I	209	D315I	210	D325I
211	D331I	212	D332I	213	D343I	214	D346I	215	D351I
216	D356I	217	D364I	218	D365I	219	D371I	220	D411I
221	D412I	222	D413I	223	D423I	224	D431I	225	D432I
226	D445I	227	D446I	228	D452I	229	D454I	230	D455I

CDSCS									
231	D462I	232	D464I	233	D465I	234	D466I	235	D503I
236	D506I	237	D516I	238	D523I	239	D526I	240	D532I
241	D546I	242	D565I	243	D606I	244	D612I	245	D624I
246	D627I	247	D631I	248	D632I	249	D645I	250	D654I
251	D662I	252	D664I	253	D703I	254	D712I	255	D723I
256	D731I	257	D732I	258	D734I	259	D743I	260	D754I

Frequency List

US Version					
Chan- nel	Channel Name	Frequency	CTCSS/ DCS	Bandwidth	Power
1	CH1	462.5625	67.0	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low
2	CH2	462.5875	118.8	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low
3	CH3	462.6125	127.3	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low
4	CH4	462.6375	131.8	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low
5	CH5	462.6625	136.5	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low
6	CH6	462.6875	141.3	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low
7	CH7	462.7125	146.2	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low
8	CH8	467.5625	D243N	Default Narrowband, non-adjustable	Default Low Power, non-adjustable
9	CH9	467.5875	D032N	/	/
10	CH10	467.6125	D047N	/	/
11	CH11	467.6375	D051N	/	/
12	CH12	467.6625	D053N	/	/
13	CH13	467.6875	D065N	/	/
14	CH14	467.7125	D116N	/	/
15	CH15	462.5500	123.0	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low
16	CH16	462.5750	D743I	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low
17	CH17	462.6000	D332I	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low
18	CH18	462.6250			
19	CH19 CH30	462.6500	127.3	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low

Chan- nel	Channel Name	Frequency	CTCSS/ DCS	Bandwidth	Power
20	CH20	462.6750	D243I	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low
21	CH21	462.7000	D606N	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low
22	CH22	462.7250	D731I	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low
23	CH23	TX:467.5500/RX- :462.5500	136.5	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low
24	CH24	TX:467.5750/RX- :462.5750	/	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low
25	CH25	TX:467.6000/RX- :462.6000	/	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low
26	CH26	TX:467.6250/RX- :462.6250	/	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low
27	CH27	TX:467.6500/RX- :462.6500	/	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low
28	CH28	TX:467.6750/RX- :462.6750	/	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low
29	CH29	TX:467.7000/RX- :462.7000	/	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low
30	CH30	TX:467.7250/RX- :462.7250	/	Default wideband, adjustable between wide/narrow	Default high power, adjustable between high/low

Specifications

Workorderrua software default login password	12345678
Frequency range	GMRS
Channel capacity	30
Working voltage	DC 7.4V
Operating temperature	-20°C~+60°C
Battery capacity	2200mAh
Antenna impedance	50Ω
Bandwidth	12.5KHz/25KHz
Transmit	
Output power	GMRS: 4/0.5W
Transmit spurious	≤-20db
Signal-to-noise ratio	N:≥35dB W:≥40dB
Modulation distortion	<5%
Transmit current	≤1800mA
Adjacent channel power	≥ 70dB (wideband) ≥ 60dB (narrowband) wband)
Receive	
Receive sensitivity	≤-122dBm@SINAD=12dB
Adjacent channel selectivity	≥65dB
Maximum receive current	≤0.4A
Output impedance	16Ω (speaker)
Audio output power	≥ 1W
Receive signal-to-noise ratio	N:≥35dB W:≥40dB
 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.

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 and the WEEE Directive 2012/19/EU; the full text of the EU declaration of conformity is available at the following internet address: www.retevis.com.

• Restriction on putting into service

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).

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

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. Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.



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.

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

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.

- 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.

Batteries Safety information

INGESTION HAZARD: This product contains a button cell or coin battery.

DEATH or Serious injury can occur if ingested.

A swallowed button cell or coin battery can Internal Chemical Burns in as little as 2 hours.

KEEP NEW OR OLD USED BATTERIES OUT OF REACH OF CHILDREN. Even used batteries may cause severe injury or death.



Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body. Call a local poison control center for treatment information.

- usable extinguishing agent: water, dry power, carbon dioxide
- 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.
- Turn off your radio before removing or installing a battery. Store spare batteries securely. Dispose of used batteries immediately and safely.
- The battery supply terminals are not to be short-circuited.
- Do not replace the battery in any area labeled "Hazardous Atmosphere". Any sparks created in a potentially explosive atmosphere can cause explosion or fire.
- When the conductive material such as jewelry, keys or chains touches exposed terminals of the batteries, may complete an electrical circuit (short circuit the battery) and become hot to cause bodily injury such as burns. Exercise care in handling any battery, particularly when placing it inside a pocket, purse or other container with metal objects;
- Dirty battery contacts need to be wiped with clean dry cloth, both on the battery and in the appliance.
- Batteries should be removed from the appliance when not being used for long periods of time (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.
- Exhausted batteries are to be removed from the equipment.
- Do not dismantle, open or shred batteries. Batteries should be dismantled only by trained people. Do not force discharge, recharge, disassemble, heat above 55 °C or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.

- Batteries shall be charged at 10°C~40°C environment temperature specified. If the environment temperature is lower than 0°C, the charge shall be prohibited.

- Rechargeable batteries are only to be charged by adults. Non-rechargeable batteries are not to be recharged.

Eliminating the Risk, keep away from the flammable materials, heat sources and ignition sources while a battery is charged. Charging should only take place in a well ventilated area and when someone is about to be aware and react to a potential issue. To reduce risk of fire, a battery should not be charged for more than 8 hours and disconnect charger from line voltage (AC outlet) by removing main plug even if the battery is not completely charged. Don't leave a device unattended while charging. Disconnect the charger when the device is fully charged: do not overcharge the device.

The product contains non-replaceable button batteries as follow:

Type MS621FE-FL11E , Rechargeable Lithium battery: 3V 5.5mAh

Unfortunately, it is not obvious when a small-size battery, such as a button or coin battery, is stuck in a children's esophagus (food pipe). There are no specific symptoms associated with this. The child might:

- Cough, gag or drool a lot;
- Appear to have a stomach upset or a virus;
- Be sick;
- Point to their throat or stomach;
- Have pain in their abdomen, chest, or throat;
- Be tired or lethargic;
- Be quieter or more clingy than usual or otherwise "not themselves";
- Lose their appetite or have a reduced appetite; and
- Not want to eat solid food/ be unable to eat solid food.

These sorts of symptoms vary or fluctuate, with the pain increasing and then subsiding. A specific symptom of button and coin battery ingestion is vomiting fresh (bright red) blood. If the child does this seek immediate medical help. The lack of clear symptoms is why it is important to be vigilant with a flat or spare button or coin batteries in the home and the products that contain them.

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

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



Authorized Accessories List

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

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.



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



Made in China

说明书印刷要求：

尺寸：120*160mm

样式：胶装

印刷：黑色， 质保卡为单独一页

纸张：封面封底铜版纸+内容双胶纸

此面不用印刷