

DUAL MODE INSTRUCTION

Chatterbox
XL

**PROFESSIONAL
TWO-WAY**

Professional wireless walkie-talkies

**KEEP
CONNECT**



0 barrier to
communication

copyright statement

Reproduction, transmission, distribution and storage of any of the contents of this User's Manual in any form without the prior written permission of the Company is strictly prohibited. distribution and storage of any part of this manual without the prior written permission of the Company.

Based on the principle of continuous improvement and development, the Company reserves the right to modify and improve any product described in this manual without prior notice. We reserve the right to make changes and improvements to any of the products described in this manual without prior notice.

In no event shall the Company be liable for any loss of data or otherwise, or for any special event, accidental damage caused directly or indirectly.

The contents of this manual are provided on an "as is" basis and, except as otherwise required by applicable law, no warranty of any kind, express or implied, is made as to any warranty of any kind, express or implied, as to its accuracy, reliability or content. including, but not limited to, the warranties of merchantability and fitness for a particular purpose. The Company reserves the right to revise or withdraw this manual at any time without prior notice.

If the contents of the manual do not correspond to your machine, please refer to the machine. The Company reserves the right of final interpretation of this manual.

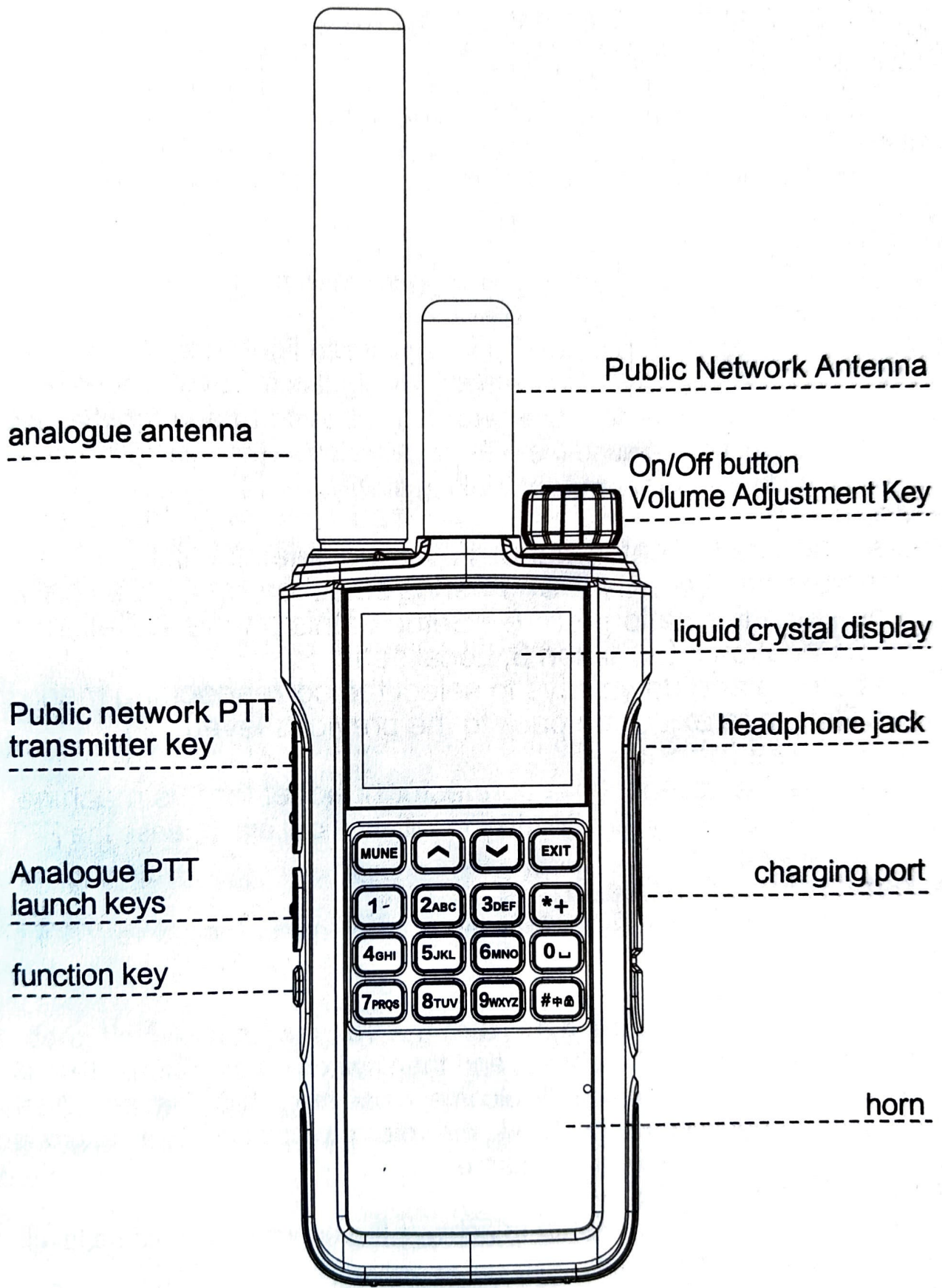
◆ Product Unpacking Inspection

Obtain an invoice from the seller and fill in the Warranty Card carefully under the seller's instruction and keep it properly. and keep it properly. At the same time, we also ask you to protect all the labels of the product in the process of use, so that the after-sales service can be correctly identified by the relevant parties. so that it can be correctly identified by the relevant parties in the after-sales service.

article	unit	quantities
Host	station	1
Antenna	Branch	1
Charger	Piece	1
Battery	Block	1
Clip	Pieces	1
Lanyard	Strip	1
Instruction manual	Book	1
Certificate of Conformity	Sheet	1

◆ Proper charging and servicing of batteries

Due to the battery's own characteristics, it usually cannot reach its normal capacity. Please charge/discharge the batteries two or three times before using the batteries purchased or stored for a long period of time (more than two months). If you charge/discharge the battery two or three times before use, the battery capacity will be optimised. If the battery is still If you find that the battery power is weak, you need to replace it.



analogue antenna

Public Network Antenna

On/Off button
Volume Adjustment Key

liquid crystal display

headphone jack

charging port

horn

Public network PTT transmitter key

Analogue PTT launch keys

function key

MUNE	^	v	EXIT
1-	2ABC	3DEF	*+
4GHI	5JKL	6MNO	0
7PQRS	8TUV	9WXYZ	#

Operating Instructions

A: Turn clockwise to the end to switch on, counterclockwise to the end to switch off.

B: Turn clockwise to increase volume, counterclockwise to decrease volume.

◆PTT key

A: In standby mode (green light blinking slowly), press the PPT key to initiate a call (red light on).

B: During the call, when receiving voice (green light is on), press and hold the PPT key to apply for voice right (red light is on), release the PTT key to release the voice right and return to idle state (green light flashes slowly). (red light on), release the PTT key to release the right to talk and return to the idle state (green light blinking slowly).

◆Menu key

Press menu key to enter menu: 1、 Group selection list
2、 Member selection list 3、 Friends selection list 4、 Call back
5、 Location information list 6、 Setup of this phone 4, Call
back 5, Location information 6, Local settings
(Press the up and down keys to select the corresponding menu.
Press Return to exit or go back to the previous level).

◆Use of headphones

Please use the contact type connector headset for this machine.
Press the PPT button on the headset to initiate a call and release the PPT
button to release the call.

◆Installation of UIM card

Insert a valid UIM card (user identification card) into the unit before using
the unit.

◆Power on

Under the state of switching off, turn the volume knob/switch knob
clockwise to switch on the phone, and then switch on the phone. During
the process, the voice prompts "Welcome to use the public intercom". After
successfully logging into the network, the voice prompts: user name, group
name Prompt: user name, group name.

◆Adjusting the volume

Rotate the volume potentiometer to achieve the appropriate volume level.
Group Selection (Group Call)

There are two options for group selection.

1、 Press the menu button to enter the menu list, press the confirmation
button to enter the "Group List".

2、 In the main interface, short press the "Group List" button to enter the "Group List" directly, then press the up and down navigation keys to move the cursor to the group you want to select, and then press Confirm to finish the "Group Selection". Group Selection".

◆Member selection (single call)

There are two options for member selection:

1、 Press Menu key to enter the menu interface, press up and down key to move the cursor to the "Member Selection" list. Press up and down key to move the cursor to the member you want to single-call intercom, press confirm key to call the other party, and press PTT to single-call intercom. After 20 seconds, if the other party does not reply, or if there is no further press of PTT, it will automatically call the other party. If there is no reply from the other party after 20 seconds, or if the machine doesn't press PTT again, it will exit the single call automatically; press hang up key to exit the single call forcibly.

◆Buddy Selection (Buddy)

There are two ways to access the friend selection:

1、 Press Menu key to enter the menu interface, press up and down key to move the cursor to the "Friend Selection" list. Press Confirm button to enter "buddy list", press Up/Down button to move the cursor to the buddy you want to call, press Confirm button to call, press PTT to call, press PTT to call. Then press UP/DOWN key to move the cursor to the "buddy" you want to single call, press Confirm key to call, and press PTT to single call. After 20 seconds, if the other party does not reply, or if the unit does not press PTT again, it will exit the single call automatically; Press hang up key to exit single call.

Public Network Information List

◆Display Settings

Hibernation settings: 5 seconds, 10 seconds, 20 seconds, 30 seconds, 60 seconds, never sleep, six levels. The screen backlight will be turned off automatically when it reaches the screen off time, and never sleep means the backlight is always on.

Backlight Setting: 5 levels (1-5) with different brightness of backlighting.

Display Settings: Day/night mode, day mode indicates white light display on the screen, night mode Indicates black light display on the screen.

Sound Settings: PTT Tone / Key Tone

Wake up screen by pressing a button: open: Any key to wake up the screen, closure: Back button to wake up the screen. Incoming wake-up:

Turn on call-in to light up the screen, turn off: call-in does not light up the screen.

Call pop-ups: open: inbound with pop-ups, close: inbound without pop-ups
Voice announcement settings: On: language announcement text, Off: no voice announcement text.

Power saving mode: High efficiency mode: short standby time and strong effect.
Power saving mode: normal mode mode, Super Power Saving Mode: low power consumption, long standby time.

Dual card setup: manually switch between slot one and slot two
Battery information: displays current battery level and power-on hours
System information: display account number, user name, IMEI number, version number
Service information: display current group, user name, operation card name, card number

Location information: Display current location

GPS information: need to contact the merchant to open the GPS accurate positioning function

Platform selection: you can manually switch platforms (merchant function, please do not move)

Weather forecasts: three-day weather forecasts are available

IMEI QR Code: IMEI number in the form of a QR code

Analogue message list

◆ operating mode

Select the frequency mode and channel mode.

◆ Subtone Code Setting

1. Analogue transmission of sub-tone codes

Sets the Send Analogue Subtone parameter. Use this feature to avoid receiving extraneous calls. cTcss (Continuous Tone Control-led Squelch System), continuous voice control Squelch system, commonly known as sub-tone, is a system that attaches frequencies below the audio frequency (67Hz-250.3Hz There are 38 groups) attached to the audio signal and transmitted together. Because its frequency range is below the standard audio below, it is called subaudio. When the walkie-talkie demodulates the received signal at IF, the sub-frequency signal is filtered, shaped and inputted into the CPU to compare with the CTCSS frequency set by the radio, thus deciding whether to switch on the squelch or not. and compare it with the CTCSS frequency set by the radio, so as to decide whether to turn on the mute or not.

2. analogue reception of subaudible codes

Sets the receive analogue sub-tone parameters. Use this feature to avoid receiving extraneous calls. CTCSS (Continuous Tone Control-led Squelch System), a continuous voice control Squelch system, commonly known as sub-tone, is a system that attaches frequencies below the audio frequency (67Hz-250.3Hz There are 38 groups) attached to the audio signal and transmitted together. Because its frequency range is below the standard audio below, it is called subaudio. When the walkie-talkie demodulates the received signal at IF, the sub-frequency signal is filtered, shaped and inputted into the CPU to compare with the CTCSS frequency set by the radio, thus deciding whether to switch on the squelch or not. and compare it with the CTCSS frequency set by the radio, so as to decide whether to turn on the mute or not.

3. Send Digital Subtone Code

Sets the parameters for sending a digital sub-tone. Use this feature to avoid receiving extraneous calls. DCS (Continuous Digital Control-led Squelch System), a continuous digital control DCS (Continuous Digital Control-led Squelch System), continuous digital control squelch system, (D023N(I)-D754N(1) has 83 groups in positive and negative sequence) has the same function as CTCSS. It is the same as CTCSS, but the difference is that it uses digital coding as a condition for whether or not the squelch is on.

4. Digital Receiver Subtone Code

Sets the receive digital subsonic parameters. Use this feature to avoid receiving extraneous calls. DCS (Continuous Digital Controlled Squelch System), Continuous Digital Controlled DCS (Continuous Digital Controlled Squelch System), continuous digital controlled squelch system, (D023N(I)-D754N(1) divided into positive and negative sequences of 83 groups whose role is the same as that of CTCSS, the difference is that it is based on digital coding. Its function is the same as CTCSS, but the difference is that it is a digital code to be used as a condition of whether the mute is on or not.

5. digital sender sub-tone reverse code

Sets the Send Anti-Digital Subtone parameter. Use this feature to avoid receiving extraneous calls. DCS (Continuous Digital Control-led Squelch System), Continuous Digital Control DCS (Continuous Digital Control-led Squelch System), continuous digital controlled squelch system, (D023N(I)-D754N(1) has 83 groups in positive and negative sequence) has the same function as CTCSS. (D023N(I)-D754N(1), there are 83 groups in positive and negative sequence) Its function is the same as CTCSS, but the difference is that it is a digital code to be used as the condition of whether or not mute is on.

6. Digital Receiver Subtone Code Reverse

Sets the Receive Anti-Digital Subtone parameter. Use this feature to avoid receiving extraneous calls. DCS (Continuous Digital Controlled Squelch System), Continuous Digital Controlled DCS (Continuous Digital Controlled Squelch System), continuous digital control squelch system, (D023N(I) - D754N(1) in positive and negative sequence of 83 groups) its role and CTCSS It is the same as CTCSS, but the difference is that it uses digital coding as a condition for whether or not the squelch is on.

◆ firing power

Two modes are available: low power and high power.

◆ narrowband

The channel spacing specified for wideband/narrowband is 25KHz (wideband) / 20KHz / 12.5KHz (narrowband).

◆ Busy Lock

None, Carrier, Subtone

◆ frequency hopping function

Turn on frequency hopping, and only turn on squelch if you receive a signal that uses the same digital subaudio and has the same frequency hopping turned on signal before squelch can be switched on. If a call is made on the same channel without a DQT with the FH feature switched on squelch cannot be switched on and only the green light is illuminated.

◆ scrambler function

Turn on the function, the signal is encrypted during the call, only the same channel are turned on the scrambling function can be normal intercom. can talk to each other normally.

◆ pressure expansion switch

Turns compression and expansion on and off. Audio compression and amplification (compressor and expander) devices can be used to significantly improve the signal-to-noise ratio in received audio, especially in narrowband systems. Compressors can be specified on each channel Compressor and Expander can be specified on each channel.

◆ Frequency difference setting

1.frequency difference direction

The "Beat Frequency Shift" shifts the microprocessor system clock frequency by the setting of each channel to avoid interference when receiving signals. to avoid interference when receiving signals. If there is beat noise in the modulated signal when transmitting, the beat noise can be eliminated by the same frequency, add frequency and subtract frequency functions. If there is beat noise in the modulated signal at the time of transmission, it can be eliminated through the functions of same frequency, add frequency and subtract frequency.

2.frequency difference

Sets the offset frequency parameter.

◆ step frequency

Set the step frequency parameter.

◆ static noise level

0-9 level, the strength of the noise in the received signal is in

correspondence with the strength of the signal, the stronger the signal the weaker the noise. The maximum noise and the minimum noise are divided into a number of grades, each grade is called a level. The number of steps is called the number of squelch steps. The user can choose according to the actual situation.

◆ **Launch Time Limit**

This function is used to limit the user from transmitting over time on a channel and also to prevent the intercom from being damaged by long time transmitting and also to prevent the walkie-talkie from being damaged due to long time transmitting.

◆ **listener mode**

When the monitor function is switched on, if no channel is present, the intercom's squelch circuit will automatically make the the speaker to muffle the sound. As a result, you will not hear background noise.

◆ **relay mode**

1. Relay on/off, turn on call voice (analogue/public network) relay out, no voice on this unit No voice reception on this unit.
2. Relay on/off, turn on the call voice (analogue/public network) relay out, the machine and can be intercom voice.

◆ **frequency measurement mode**

Enter the one-key cracking mode, the transmitter transmits, the pair of code machine receives the information to display the frequency then cracking Successful.

◆ **prohibition on launching**

◆ **channel replication**

Enter copy mode, the copied machine presses Receive and puts it aside, the copier presses Send and waits for the copy to be Successful.

◆ **channel storage**

Enter the desired frequency and then enter the menu to store the channel (channel 1 - channel 16 can be stored).

◆ **Analogue information**

Device number: 0000XX Function code: XXXX

◆ **restore the factory**

Restore the original message.



warn

- **Do not charge the battery pack for too long!**

If charging of the battery pack is not completed within the specified time, stop charging. The battery pack may overheat and burst with smoke or catch fire suddenly.

- **Do not place the battery pack in microwave ovens or high-pressure containers!**

The battery pack may overheat and burst with smoke or catch fire suddenly.

- **Keep ruptured and leaking battery packs away from fire!**

If the battery pack leaks (or emits a pungent odour), immediately move it away from flammable areas. Keep it away from flammable areas. Leaking electrolyte from the battery pack is flammable and may cause the battery pack to smoke or catch fire. Suddenly, the battery pack may smoulder or catch fire.

- **Do not use abnormal battery packs!**

If the battery pack emits a pungent odour, looks different in colour, is deformed or behaves abnormally for any reason, please remove it from the charger or the operating unit. any reason, remove the battery pack from the charger or operating unit and do not use it. Do not use it.

- **Please use our special charger!**

The charger is specially designed for this model of walkie-talkie, and the charging of the battery of this model of walkie-talkie is more scientific and reasonable, safe and reliable. The charger is more scientific and reasonable, safe and reliable.