

WALKIE TALKIES
USER MANUAL



Model: WT 15

Thank you for choosing our walkie talkies. Our modern design boasts a stable structure and reliable functions, all tailored to meet the diverse needs of our customers. With its high quality, user-friendly operation, and exceptional performance, we are confident that you are satisfied with its sleek design and outstanding capabilities.

CAUTIONS

Please take note of the following usage instructions before use as non-compliance may result in danger or violation of the law

- * Adhere to local government regulations before using the radio as improper use may lead to legal repercussions.
- * Before entering flammable or explosive areas, ensure the device is switched off.
- * Do not attempt to charge or replace the battery in flammable or explosive areas.
- * Before approaching detonator areas or blasting zones, switch off the device.
- * Do not use the device if the antenna is damaged as it may cause heat injury upon contact.
- * It is not advisable to attempt to open the device. Any maintenance work should be carried out by a technical expert.
- * To avoid any electromagnetic interference, switch off the device in areas with "Do not use wireless equipment" banners such as hospitals or healthcare places.
- * Do not place the device within the range of an airport deployment in a car.
- * Avoid storing the device in areas exposed to direct sunlight or high temperatures.
- * During transmission, keep a distance of at least 5cm from the device's antenna.
- * If the device emits a smell or smoke, switch off the power immediately and contact customer service for help.
- * Do not transmit for prolonged periods as it may cause the device to heat up and cause harm to the user.
- * Avoid using the device near a radio to prevent any potential interference.
- * To clean the device, use a damp cloth. Refrain from using any cleaning agents or solvents.

Product at Glance



- ① Antenna
- ② Flashlight/Warning light
- ③ Speaker
- ④ Channel knob
- ⑤ Power/volume knob
- ⑥ Indicator light

- * Turns red in transmitting and turns green in receiving.
- * The red light is on during charging, and the green light is on when fully charged.
- ⑦ Microphone
- ⑧ PTT switch
- ⑨ Squelch/MONI button
- ⑩ Lamp button
- ⑪ Microspeaker jack/programming port
- Lamp button Used to connect headset or external programming cable, programmable via PC programming Software

Unpacking and Checking the Packing List

We recommend that you thoroughly check the items listed in the following table before discarding the package. If any item is missing, kindly contact customer service immediately.

Packing List:



- ① Two walkie talkies
- ② One Charging Base with USB Cable (charges two walkie talkies simultaneously)
- ③ Two 1000mAh Li-ION Batteries
- ④ One Adapter
- ⑤ One User Manual

Installing Batteries



Charge the battery

1. Connect the USB cable of the charging base to the adapter and plug it into an AC power source (AC 110V/60Hz). The charging base's indicator light will turn on (RED).
2. Insert the walkie-talkie with the battery into the charging base to ensure proper contact. The walkie-talkie's indicator light will turn red, indicating that the charging process has begun. When the indicator light turns green, it signifies that the battery is fully charged.
3. Only use the adapter provided for this device to avoid damaging the walkie-talkie.

Warm reminder

The primary indication of whether the battery is fully charged is based on the walkie-talkie's indicator light. When the light changes from red to green, it signifies that the battery is fully charged. The charging base's indicator light will play RED to indicate that it is connected to a power source.



1. Power Source has been Connected On 2. In Charging 3. Fully Charged

WALKIE-TALKIE

Charging Precautions

The optional battery is not charged at the factory. Please charge the new or unused rechargeable battery before usage. Two or three charging/discharging cycles will optimize the battery capacity. When the battery level is low, charge or replace the battery.

CHARGING CAUTIONS:

- ★ Avoid short-circuiting the battery terminals or exposing the battery to fire.
- ★ You can charge the battery while it is installed on the walkie-talkie, but ensure that the walkie-talkie is turned off to enable full charging of the battery.
- ★ Do not leave the walkie-talkie and battery on the charger when not charging. Continuous charging will reduce the battery's lifespan.
- ★ Do not place a fully charged walkie-talkie back on the charger to "power up" as this will significantly decrease the battery's cycle life.
- ★ Whenever possible, charge the battery indoors at about 22°C.
- ★ Charging the battery when the temperature is below 0°C may cause electrolyte leakage, leading to a faulty battery.
- ★ Charging the battery when the temperature is above 50°C will reduce the battery's discharge capacity, affecting the walkie-talkie's usage.

Functions Operation

1. SWITCHING POWER ON/OFF

Rotate the power/volume knob clockwise. You will hear a channel number, indicating that the device is ON.

2. ADJUSTING THE VOLUME

Hold down the MON button to listen to the audio level while rotating the power/volume knob. Rotate clockwise to increase volume and counterclockwise to decrease volume.

3. CHANNEL KNOB

Rotate the knob to select channels 1 to 16. Rotate counterclockwise to decrease the value of channel name and clockwise to increase the value of channel name.

4. PTT (push-to-talk) SWITCH

Press the PTT switch and speak into the microphone. The indicator light turns red. Release the PTT switch to receive signal, and it lights up green when receiving a signal. To receive transmissions, other users must be on the same channel as you.

Note: The talking range varies depending on terrain and weather conditions. The range can reach 3-5 miles in open areas such as rural areas, suburbs, or sparsely populated areas with no obstructions. In cities or towns, walkie-talkies can reach 0.8-1.2 miles in most cases, depending on the obstruction of the environment.

5. SQUELCH LEVEL

The squelch level determines the signal strength required to open the speaker of the walkie-talkie. Lower squelch levels result in higher background noise when the walkie-talkie's speaker is open, resulting in an increased communication range but weaker anti-interference capacity. The default squelch level is 5, and you can adjust it through the "Squelch level" option in the "Optional Features" menu of the programming software. Levels 0 to 9 can be selected, with 0 being the lowest level.

6. VOX

- a. The VOX function is effective when turned on.
- b. The VOX gain level adjusts the sound level required for automatic transmission. The VOX gain level can be adjusted from levels 1 to 9.
- c. When a signal is received, VOX will not transmit even if the sound level is higher than the VOX gain level.
- d. To activate the VOX function ON/OFF, press and hold PTT and MON on channels CH1-CH5 and switch on the device.

7. MONITOR

When receiving and no signals are present, the squelch function mutes the speaker to prevent background noise. To switch off the squelch function, press and hold the MON button. This is helpful when adjusting the volume level and receiving weak signals.

8. Battery Saving

- a. ON: The device will automatically enter the battery saving mode after 10 seconds of inactivity.
- b. OFF: Battery saving mode is disabled.

9.Busy Channel Lockout (BCL)

Enable or disable the busy channel lockout function for each channel through the PC programming software. When this feature is turned on, transmission is prohibited on the current channel.

10.Battery Voltage Warning

When the battery voltage drops below the specified level, the device will emit a "Please charge battery" prompt every 5 seconds. Pressing the PTT button will be ineffective and the device will emit a "DI" sound.

11. Timeout Timer (TOT)

The TOT function prevents continuous transmission on a channel, which can cause the device to heat up. If the transmission time exceeds the TOT limit set by the device (1 minute by default), the device will stop transmitting. To resume transmission, simply release and press the PTT button again.

12.CTCS5DCS

The CTCS5DCS for each channel can be programmed through software. When CTCS5DCS is set for a channel, the device/squelch will only open when it receives a signal with the same CTCS5DCS. If different CTCS5DCS is used on the same channel, the device squelch will not turn on and only the green light will be illuminated. There are 20 sub-CTCS5 groups and 100 digital sub-sub-CTCS groups. Please note that the use of CTCS5DCS on a channel does not guarantee confidentiality.

General Specifications

Frequency Range	462.5500-462.7125MHz
Channels	16
Usable Temperature Range	-10°C to +50°C
Battery Voltage	3.7V DC
RF Power Output	0.5W
Modulation Type	F3A-F3E
Channel Spacing	12.5KHz
Battery	1200mAh(Li-ion)
Battery Life	About 12 Hours
Dimensions	6.49 inx2.20 inx1.69 in
Weight(with battery)	0.29lbs

Transmitting Part

RF Power Output	0.5W
Modulation	11K0F3E
Spurious Radiations	<7.5uW
FM Noise	40dB
Audio Distortion	65 %

Receiving Part

Sensitivity	0.2uV
Adjacent Channel Selectivity	36dB
Intermodulation	65dB
S/N	45dB
Rated Audio power output	500mW
Rated Audio Distortion	45%

Channel and Frequency

Channel	Frequency	CTCSS/DCS	Channel	Frequency	CTCSS/DCS
1	462.5625MHz	67 Hz	8	467.5975 MHz	67 Hz
2	462.5675MHz	67 Hz	9	467.6025 MHz	67 Hz
3	462.6125MHz	67 Hz	15	467.6375 MHz	67 Hz
4	462.6375MHz	67 Hz	12	467.6625 MHz	67 Hz
5	462.6625MHz	67 Hz	13	467.6875 MHz	67 Hz
6	462.6875MHz	67 Hz	14	467.7125 MHz	67 Hz
7	462.7125MHz	67 Hz	16	468.5000 MHz	67 Hz
8	462.6525MHz	67 Hz	10	462.5750 MHz	67 Hz

FCC Requirements

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference. (Licensee notices are applicable)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (Other devices are applicable)

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Warranty

12Month Warranty

Lifetime Technical Support and Customer Service

Any questions please feel free to contact the Customer Service.

• DO NOT operate the radio without a proper antenna attached, as this may damage the radio and may also cause you to exceed RF exposure limits. A proper antenna is the antenna supplied with this radio by the manufacturer or an antenna specifically authorized by the manufacturer for use with this radio, and the antenna gain shall not exceed the specified gain by the manufacturer declared.

• DO NOT transmit for more than 50% of total radio use time, more than 50% of the time can cause RF exposure compliance requirements to be exceeded.

• 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.

• DO NOT operate the transmitter in areas that are sensitive to electromagnetic radiation such as hospitals, aircraft, and blasting sites.

• Portable Device, this transmitter may operate with the antenna(s) documented in this filing in Push-to-Talk and body-worn configurations. RF exposure compliance is limited to the specific belt-clip and accessory configurations as documented in this filing and the separation distance between user and the device or its antenna shall be at least 2.5 cm. Highest Reported SAR 0,019W/Kg for Front of face, Highest Reported SAR 0,074W/Kg for Body worn, General population/uncontrolled Radio, this radio is designed for and classified as "General population/un-controlled Use".

(Information to user.)
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.