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## TOPCOM RC-6406

# Topcom RC-6406 Walkie Talkie User Manual

Model: RC-6406

## PRODUCT OVERVIEW

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The Topcom RC-6406 Walkie Talkie Airsoft Edition is designed for reliable communication in demanding environments, such as airsoft or paintball activities. It features a robust design, extended range, and hands-free operation capabilities.



Image: Two Topcom RC-6406 walkie talkies, highlighting their robust design and digital display.

This device ensures clear communication over distances up to 10 km, operates on license-free 446 MHz frequencies, and includes features like voice-activated transmission (VOX) and a keylock to prevent accidental setting changes.

## WHAT'S IN THE BOX

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Upon unboxing your Topcom RC-6406 Walkie Talkie set, you should find the following components:

- 2 x Topcom RC-6406 Walkie Talkies
- 2 x Belt Clips

- 2 x Security Headsets with Eartubes
- 2 x Power Adapters
- 8 x Rechargeable AAA Ni-MH Batteries
- 1 x User Manual (this document)



Image: All components included in the Topcom RC-6406 package.

## SETUP

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### 1. Battery Installation and Charging:

Insert the 8 rechargeable AAA Ni-MH batteries (4 per walkie talkie) into the battery compartments. Connect the provided power adapters to the walkie talkies and a power outlet to charge the batteries. The display will indicate the battery level.

### 2. Attaching Belt Clip:

Slide the belt clip onto the designated slot on the back of the walkie talkie until it clicks securely into place. This allows for convenient carrying.

### 3. Connecting Headset:

Plug the security headset into the audio jack located on the side of the walkie talkie. Ensure it is fully inserted for proper function.

## OPERATING INSTRUCTIONS

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### Power On/Off and Volume

To power on or off the walkie talkie, rotate the turning knob located at the top of the device. This knob also controls the volume. Turn clockwise to increase volume and counter-clockwise to decrease.

### Channel Selection

The walkie talkie operates on 8 license-free 446 MHz channels. Use the channel up/down buttons to select your desired channel. For private communication, you can also select from 121 sub channels to minimize interference.

## Transmitting and Receiving

- **To Transmit:** Press and hold the "Push-to-Talk" (PTT) button on the side of the walkie talkie or on the headset. Speak clearly into the microphone. Release the PTT button to stop transmitting.
- **To Receive:** Ensure the PTT button is not pressed. The walkie talkie will automatically receive signals on the selected channel.

## Voice Operated Transmission (VOX)

The VOX function allows for hands-free communication. When activated, the walkie talkie will automatically begin transmitting when it detects your voice. You can adjust the microphone sensitivity to suit your environment, allowing for clear transmission even when whispering.

## Scan Function

Activate the scan function to automatically scan all available channels for activity. This helps in finding an active channel or identifying which channel other users are on.

## Keylock

To prevent accidental changes to settings during use, activate the keylock feature. Refer to the on-screen prompts or specific button combinations for activation/deactivation.

## Call Tones and Roger Beep

The device offers 15 different call tones to alert you to incoming calls. The "Roger Beep" feature emits a short tone when you release the PTT button, signaling to the other party that you have finished transmitting.

## Vibration Function

For discreet alerts, the walkie talkie includes a vibration function that can be activated for incoming calls.

## Backlight Display

The display is equipped with a backlight, ensuring visibility and usability in low-light conditions or darkness.

## MAINTENANCE

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- **Cleaning:** Use a soft, damp cloth to clean the exterior of the walkie talkie. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** Always use the provided rechargeable Ni-MH batteries and adapters. Fully charge batteries before first use and when the battery indicator is low. Store the walkie talkies with fully charged batteries if not used for extended periods.
- **Water Resistance:** The device is drip waterproof (IPX2 rated). Avoid submerging the walkie talkie in water or exposing it to heavy rain. Ensure all ports are covered when not in use.
- **Storage:** Store the walkie talkies in a cool, dry place away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power	Batteries are low or incorrectly installed.	Ensure batteries are correctly inserted and fully charged.
Poor reception or static	Out of range, interference, or incorrect channel/sub-channel.	Move closer to the other unit, change channel/sub-channel, or move away from sources of interference.
Cannot transmit	PTT button not pressed, low battery, or keylock activated.	Press PTT button firmly, charge batteries, or deactivate keylock.
VOX not working	VOX sensitivity too low or feature not activated.	Adjust VOX sensitivity settings or ensure VOX is enabled.

## SPECIFICATIONS

Feature	Detail
Model Number	RC-6406
Brand	TOPCOM
Frequency Range	446 - 446.2 MHz (License-free)
Number of Channels	8 Channels, 121 Sub Channels
Maximum Talking Range	Up to 10 Kilometres (dependent on terrain and conditions)
Power Source	8 x AAA Ni-MH Rechargeable Batteries (4 per unit)
Water Resistance	Drip Waterproof (IPX2)
Dimensions (per unit)	4.5 x 2 x 19 cm
Weight (per unit)	Approx. 250 g (500g for pair)
Colour	Dark Green, Black
Special Features	VOX (Voice Operated Transmission), Scan Function, Keylock, Vibration Alert, 15 Call Tones, Roger Beep, Backlight Display

## WARRANTY AND SUPPORT

TOPCOM offers a **24-month warranty** on all its products, including the RC-6406 Walkie Talkie. This warranty covers manufacturing defects and ensures product reliability.

For technical support, warranty claims, or further assistance, please refer to the contact information provided on the official TOPCOM website or the packaging of your product. You can also visit [www.tristar.eu](http://www.tristar.eu) for more information, as Tristar is the manufacturer.

