

## Motorola Solutions T110

# Motorola Solutions Talkabout T110 Two-Way Radio Instruction Manual

Brand: Motorola Solutions | Model: T110

### INTRODUCTION

The TALKABOUT T110 two-way radio is designed for simple, easy, and fun communication. Ideal for camping, exploring, beach outings, or just playing in the park, it allows you to stay in touch effortlessly. With its easy pairing function, you can quickly connect with friends and family at the push of a button.



Image: Front view of two Motorola Talkabout T110 radios, highlighting their compact design and user-friendly interface.

## WHAT'S IN THE BOX

- 2 Radios
- 3 AAA Batteries
- Belt Clip

## SETUP

## 1. Battery Installation

The Motorola Talkabout T110 radios require 3 AAA batteries each. Follow these steps to install them:

1. Locate the battery compartment cover on the back of the radio.
2. Gently slide or unclip the cover to open the compartment.
3. Insert 3 AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Replace the battery compartment cover and ensure it clicks securely into place.



Image: Rear view of the radio with the battery cover removed, illustrating the battery insertion process.

## 2. Attaching the Belt Clip

To attach the belt clip, align the clip with the grooves on the back of the radio and slide it downwards until it locks into place. To remove, push the release tab and slide the clip upwards.





Image: Side view of the radios with belt clips attached, demonstrating how they can be worn.

### 3. Powering On/Off

Press and hold the Power button (usually located on the front or side) until the display lights up to turn the radio on. Repeat the process to turn it off.

### 4. Easy Pairing

The T110 features an easy pairing function for quick setup. To pair your radios, ensure both are powered on and select the same channel. The radios are designed to connect seamlessly for immediate communication.



Image: Visual guide to the simple setup process: Turn On and Pair, Choose Your Channel, and Enjoy.

## OPERATING YOUR RADIO

### 1. Selecting a Channel

The T110 radios offer 22 channels. Use the Up (+) and Down (-) buttons on the front of the radio to select your desired channel. Ensure all radios you wish to communicate with are set to the same channel.

### 2. Transmitting and Receiving

To transmit, press and hold the Push-to-Talk (PTT) button, typically located on the side of the radio. Speak clearly into the microphone. Release the PTT button to listen for a response. The radio will automatically receive transmissions when the PTT button is not pressed.

### 3. Adjusting Volume

Use the volume control buttons (often integrated with the Up/Down buttons or a dedicated knob) to adjust the listening volume to a comfortable level.

### 4. Range Information

The Motorola Talkabout T110 radios have a maximum talking range of up to 16 miles in optimal conditions (e.g., mountain to valley). In open water, the range can be up to 3 miles, and in a neighborhood setting, up to 1 mile. Actual range may vary significantly based on terrain, weather conditions, electromagnetic interference, and obstructions.



**\*The range in real-life conditions can be reduced from maximum range.**

Image: Visual representation of the radio's maximum range under different environmental conditions.

## 5. Compatibility

These FRS radios are license-free and are compatible with all FRS/GMRS two-way radios, allowing for broader communication with other devices.

## 6. Ring Call Feature

The T110 includes a ring call feature that sends an alert tone to the other radio, useful for getting attention before speaking.



Image: A child using the radio while cycling, demonstrating practical outdoor use.





Image: Two children communicating with the radios, illustrating ease of use for younger users.

## **MAINTENANCE**

### **1. Battery Life**

The T110 radios provide approximately 19 hours of battery life when using alkaline cells. Battery performance may vary based on usage patterns and environmental conditions.

### **2. Battery Replacement**

When the battery indicator shows low power, replace the AAA batteries promptly to ensure uninterrupted communication. Refer to the "Battery Installation" section for detailed steps.

### **3. Cleaning and Care**

To clean your radio, use a soft, damp cloth. Do not use abrasive cleaners or solvents. Keep the radio dry and away from extreme temperatures. While the product is water-resistant, it is not designed for submersion.



## TROUBLESHOOTING

Problem	Possible Cause / Solution
No power	Check battery installation and ensure batteries are not depleted. Replace if necessary.
No sound / Cannot hear others	Ensure volume is turned up. Verify both radios are on the same channel. Check if the PTT button is released.
Limited range / Static	Obstructions (buildings, dense foliage) and terrain can significantly reduce range. Move to an open area. Interference from other devices or businesses can cause static; try switching channels.
Cannot communicate with other Motorola radios	Ensure privacy codes (if applicable on other radios) are set to 0 or disabled, as T110 models primarily use channel capacity without privacy codes.

## SPECIFICATIONS

Product Dimensions	1.91"D x 1.05"W x 5.35"H
Item Weight	0.01 ounces
Item Model Number	T110
Batteries Required	3 AAA batteries per radio
Number of Channels	22
Frequency Range	UHF band
Talking Range Maximum	16 Mile (varies by terrain)
Water Resistance Level	Water Resistant
Color	RED
Manufacturer	Motorola Solutions

## WARRANTY AND SUPPORT

Motorola Solutions products are manufactured to high quality standards. For information regarding warranty coverage and technical support, please refer to the documentation included with your purchase or visit the official Motorola Solutions website. Keep your proof of purchase for warranty claims.

