

Motorola T480

Motorola Solutions T480 Talkabout Two-Way Radio Instruction Manual

Model: T480 | Brand: Motorola Solutions

INTRODUCTION

The Motorola Solutions T480 Talkabout Two-Way Radio is designed for reliable communication, especially during unexpected weather events or when cell phone service is unavailable. This rechargeable radio provides instant communication and access to critical weather alerts, ensuring you and your family stay informed and connected.

WHAT'S IN THE BOX

Your Motorola T480 package includes the following items:

- 1 x Motorola T480 Two-Way Radio
- 1 x Rechargeable Battery Pack
- 1 x Micro-USB Wall Charging Cable
- 1 x Whistle Belt Clip
- 1 x Wall/Desk Stand
- 1 x User Guide
- Accessory Sheet
- Emergency Preparedness Checklist

SETUP

Battery Installation and Charging

Before first use, ensure the rechargeable battery pack is properly installed and fully charged. The radio can be charged using the included Micro-USB wall charging cable and the wall/desk stand.

1. Open the battery compartment cover on the back of the radio.
2. Insert the rechargeable battery pack, ensuring correct polarity.
3. Close the battery compartment cover securely.
4. Place the radio into the wall/desk stand.
5. Connect the Micro-USB wall charging cable to the stand and plug it into a power outlet.

6. The charging indicator on the radio or stand will illuminate to show charging is in progress. A full charge may take several hours.



Figure 1: Motorola T480 radio placed in its charging dock, connected via Micro-USB cable to a wall outlet.

Alternatively, the radio can also operate using 3 AA batteries (not included with the single unit package, but mentioned in specifications as included with the product). This provides a backup power option when recharging is not feasible.

OPERATING INSTRUCTIONS

Power On/Off

To power on the radio, rotate the On/Off/Volume knob clockwise until you hear a click and the display illuminates. To power off, rotate the knob counter-clockwise until it clicks off.

Channel Selection

The T480 features 22 channels. To change channels:

1. Press the **MENU** button. The current channel number will flash.
2. Use the **Up** or **Down** arrow buttons to select your desired channel.
3. Press **MENU** again or wait for a few seconds for the selection to be confirmed.

Transmitting and Receiving (PTT)

To transmit your voice, press and hold the **Push-to-Talk (PTT)** button located on the side of the radio. Speak clearly into the microphone. Release the PTT button to listen for a response. Ensure you are on the same channel and privacy code as the person you are trying to communicate with.

Weather Alerts

The T480 includes a weather channel feature to receive NOAA/EC weather radio and alerts. Consult the user guide for specific instructions on how to activate and monitor weather alerts in your region.

Flashlight Function

The radio is equipped with a built-in flashlight for convenience in low-light conditions. Refer to the user guide for instructions on how to activate and deactivate the flashlight.

FEATURES

- **Waterproof Design:** The T480 is designed to be waterproof, offering durability in various outdoor conditions.
- **Extended Range:** Offers a talking range of up to 35 miles in optimal conditions (line-of-sight). Actual range may vary significantly based on terrain, weather, and obstructions.
- **Emergency Preparedness:** Features like weather alerts and reliable communication make it ideal for emergency situations.
- **Dual Power Options:** Can operate with the included rechargeable battery pack or standard AA batteries.

Your browser does not support the video tag.

Video: An overview of the Motorola Solutions T480 Talkabout Two-Way Radio, highlighting its features and benefits for emergency preparedness and outdoor activities.

MAINTENANCE

To ensure the longevity and optimal performance of your Motorola T480 radio, follow these maintenance guidelines:

- **Cleaning:** Wipe the radio with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure all ports are sealed before cleaning if using a damp cloth.
- **Battery Care:** Fully charge the rechargeable battery pack before extended storage. If using AA batteries, remove them if the radio will not be used for a long period to prevent leakage.
- **Storage:** Store the radio in a cool, dry place away from extreme temperatures and direct sunlight.

TROUBLESHOOTING

If you encounter issues with your T480 radio, try the following common troubleshooting steps:

- **No Power:** Check if the battery pack is fully charged or if the AA batteries are fresh and correctly installed. Ensure the On/Off knob is turned clockwise.
- **Cannot Transmit/Receive:** Verify that both radios are on the same channel and privacy code. Check if the PTT button is being pressed correctly. Ensure you are within range and there are no major obstructions.
- **Poor Audio Quality:** Adjust the volume. Ensure the microphone and speaker are not obstructed. Move to an area with fewer obstructions.

For more detailed troubleshooting, please refer to the full user guide included in your package.

SPECIFICATIONS

Feature	Detail
Product Dimensions	1.37 x 2.26 x 7.54 inches

Feature	Detail
Item Weight	6.7 ounces
Item Model Number	T480
Batteries	1 Rechargeable Battery Pack (included), or 3 AA batteries (not included with single unit)
Special Features	Waterproof, NOAA/EC Weather Alerts, Built-in Flashlight
Other Display Features	Wireless
Color	Red/White
Manufacturer	Motorola
Number of Channels	22
Frequency Range	403-406 MHz
Talking Range Maximum	35 Miles (under optimal conditions)
Water Resistance Level	Waterproof

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official Motorola Solutions website or contact their customer service department. Details can be found in the full user guide provided with your product.