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Motorola Solutions T800

Motorola Talkabout T800 Two-Way Radios Instruction Manual

Model: T800 | Brand: Motorola Solutions

1. PRODUCT OVERVIEW

The Motorola Talkabout T800 two-way radio is designed for reliable communication, especially in environments without cellular service. It features Bluetooth connectivity to the TALKABOUT App, enabling off-grid location sharing and messaging with other T800 users. The radio is built to withstand outdoor conditions with an IPX4 weather-resistant rating and offers a range of up to 35 miles in optimal conditions. It includes essential safety features like emergency alerts and NOAA weather radio access.



Image 1: Front view of the Motorola Talkabout T800 Two-Way Radio, showcasing its display and main buttons.

2. PACKAGE CONTENTS

The Motorola Talkabout T800 package includes:

- 2 T800 radios
- 1 Y cable with dual micro-USB chargers
- 2 NiMH rechargeable battery packs
- 2 belt clips
- 1 user guide
- 1 accessory brochure
- 16 personalization stickers

3. GETTING STARTED

3.1. Battery Installation

The T800 radios use rechargeable NiMH battery packs. To install, unlock the battery compartment cover on the back of the radio, insert the battery pack according to the polarity indicators, and then close and lock the cover securely.





Image 2: Back view of the Motorola Talkabout T800, showing the textured grip and the battery compartment area.

3.2. Charging

Use the provided Y cable with dual micro-USB chargers to charge both radios simultaneously. Connect the micro-USB ends to the charging ports on the radios and the USB end to a compatible USB power adapter (not always included, but typically a standard USB wall adapter). The radios can also be powered by 3 AA batteries (not included) as an alternative power source.



Image 3: Bottom view of the Motorola Talkabout T800, highlighting the USB charging port.

3.3. Power On/Off

To power on the radio, rotate the On/Off/Volume knob clockwise. To power off, rotate it counter-clockwise until it clicks. The display will illuminate upon powering on.

Your browser does not support the video tag.

Video 1: This video demonstrates the basic power on/off function and shows the display of the Motorola Talkabout T800 radios.

3.4. Attaching the Belt Clip

Align the belt clip with the designated slots on the back of the radio and slide it down until it clicks into place. To remove, lift the tab on the belt clip and slide it upwards.





Image 4: Side view of the Motorola Talkabout T800, illustrating the side buttons and the attachment point for the belt clip.

4. BASIC OPERATION

4.1. Channel and Privacy Code Selection

The T800 features 22 channels and 121 privacy codes, totaling 2,662 combinations. To communicate with another radio, both devices must be set to the same channel and privacy code. Refer to the user guide for detailed instructions on changing channels and privacy codes using the radio's interface.

4.2. Push-to-Talk (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.

4.3. Volume Control

Adjust the volume by rotating the On/Off/Volume knob. Rotate clockwise to increase volume and counter-clockwise to decrease it.

5. ADVANCED FEATURES (TALKABOUT APP INTEGRATION)

5.1. Connecting to the Talkabout App

Download the TALKABOUT App from your smartphone's app store. Connect your smartphone to the T800 radio via Bluetooth to unlock advanced features like off-grid messaging, location sharing, and radio settings control.



Image 5: A user interacting with the Talkabout smartphone app, with a Motorola T800 radio visible on the table, demonstrating app connectivity.

5.2. Off-Grid Messaging and Location Sharing

When cellular service is unavailable, the TALKABOUT App allows you to share your current location and send messages to other T800 users in your group. You can also locate a friend's campsite or track routes.



Image 6: A visual representation of the T800's key features, including mobile app integration for off-grid location sharing and messaging.

5.3. Emergency Alert Message Setup and Use

The TALKABOUT App allows you to set up a custom emergency message with vital information (e.g., blood type, emergency contacts, allergies). In an emergency, long-press the dedicated Emergency button on the side of the radio. The radio will emit a loud alarm and automatically transmit your pre-set emergency message for 22 seconds in hands-free mode to all receiving radios within range.

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Video 2: This video demonstrates how to set up and use the emergency alert message feature via the Talkabout App.

5.4. Weather Alerts (NOAA/ECCC)

The T800 can tune into broadcasts from the United States National Oceanic and Atmospheric Administration (NOAA) Weather Radio and Environment and Climate Change Canada (ECCC) Weather Radio. You can enable weather alerts through the TALKABOUT App to receive warnings of impending weather dangers. The radio will sound an alert regardless of the current mode if weather alerts are enabled.

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Video 3: This video demonstrates how to access weather broadcasts and enable weather alerts using the Talkabout App.

6. SPECIFICATIONS

Feature	Specification
Brand	Motorola Solutions
Model Number	T800
Color	Black/Blue
Number of Channels	22
Privacy Codes	121
Talking Range Maximum	35 Miles (Mountain to Valley)
Water Resistance Level	IPX4 (Waterproof)
Product Dimensions	1.28"D x 2.2"W x 7.52"H
Item Weight	0.47 Pounds
Battery Type	NiMH rechargeable (included), 3 AA batteries (optional)
Battery Average Life	14 Hours
Connectivity Protocol	Bluetooth
Special Features	Bluetooth Connectivity, Off-Grid Group Messaging, Offline Location Sharing, NOAA/ECCC Weather Radio, Built-in Flashlight, Emergency Alerts, VibraCall™ Alert, Hands-free VOX operation

7. MAINTENANCE

- **Cleaning:** Wipe the radio with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** To preserve battery life, turn off the radio when not in use. Rechargeable batteries should be fully charged before extended storage.
- **Water Resistance:** The radio is IPX4 weather-resistant, meaning it can withstand splashing water. Ensure all ports (charging port, headphone jack) are securely covered when exposed to moisture.

8. TROUBLESHOOTING

- **No Power:** Ensure the battery pack is correctly installed and charged. If using AA batteries, check their orientation and charge level.
- **Cannot Communicate:** Verify that both radios are on the same channel and privacy code. Check the battery level of both radios. Ensure you are within effective range.
- **Poor Audio Quality:** Adjust the volume. Ensure the microphone and speaker are not obstructed. Move to an area with fewer obstructions for better signal clarity.
- **App Connectivity Issues:** Ensure Bluetooth is enabled on both the radio and your smartphone. Restart both devices and try reconnecting.

9. SAFETY TIPS

- **Inform Others:** Always let others know your planned route and destination before embarking on outdoor activities.
- **Location Updates:** Regularly update your location using the Talkabout App's sharing features, especially when off-grid.
- **Higher Ground:** Communication range is generally longest when on higher ground with fewer obstructions.
- **Push-to-Talk vs. Messaging:** Push-to-talk communication typically offers a further range than sending messages, which can be critical in emergencies.
- **Battery Management:** Carry extra standard AA batteries for backup on long trips, even with rechargeable packs.

10. WARRANTY AND SUPPORT

The Motorola Talkabout T800 Two-Way Radios come with a 1-year manufacturer's warranty. For further assistance or detailed troubleshooting, refer to the 'Help and Support' section within the TALKABOUT App on your smartphone.