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› TIDRADIO TD-M11 Waterproof Two-Way Radio User Manual

TIDRADIO TD-M11

TIDRADIO TD-M11 Waterproof Two-Way Radio User Manual

Model: TD-M11 | Brand: TIDRADIO

INTRODUCTION

This user manual provides detailed instructions for the safe and efficient operation of your TIDRADIO TD-M11 Waterproof Two-Way Radio. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

PRODUCT OVERVIEW



The TIDRADIO TD-M11 two-way radio, showcasing its compact design and LED display.

Key Features

- **2W Output Power, 22 Channels:** Provides reliable communication.
- **IP67 Waterproof:** Designed for use in various weather conditions.
- **Bluetooth Connectivity:** Allows programming via the Odmaster mobile application.
- **Hidden LED Display:** Clearly shows operational status and NOAA weather forecasts while conserving power.
- **Built-in VOX:** Enables hands-free communication with clear audio.
- **Type-C Charging:** Offers convenient and efficient charging for the 1000 mAh Li-ion battery.
- **Busy Channel Lockout (BLCO):** Prevents interference on active channels.
- **Shockproof and Drop-proof:** Durable design for rugged environments.

What's in the Box

- 10 x TIDRADIO TD-M11 Walkie Talkies
- 10 x Batteries

- 10 x Earpieces
- 10 x Belt Clips
- 10 x USB Charging Cables & Adapters
- 5 x User Manuals
- 10 x Hand Straps

SETUP

Charging the Battery



Two TD-M11 radios connected via Type-C USB cables for charging, illustrating the convenient charging options including adapter, power bank, PC, and vehicle charging.

Connect the provided USB Type-C charging cable to the radio and a power source (adapter, power bank, PC, or vehicle charger). The LED indicator will show charging status. Ensure the battery is fully charged before first use.

Attaching/Removing the Belt Clip

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

Powering On/Off

Rotate the power/volume knob clockwise to turn the radio on. Rotate counter-clockwise until a click is heard to turn it off.

Bluetooth Programming with Odmaster App

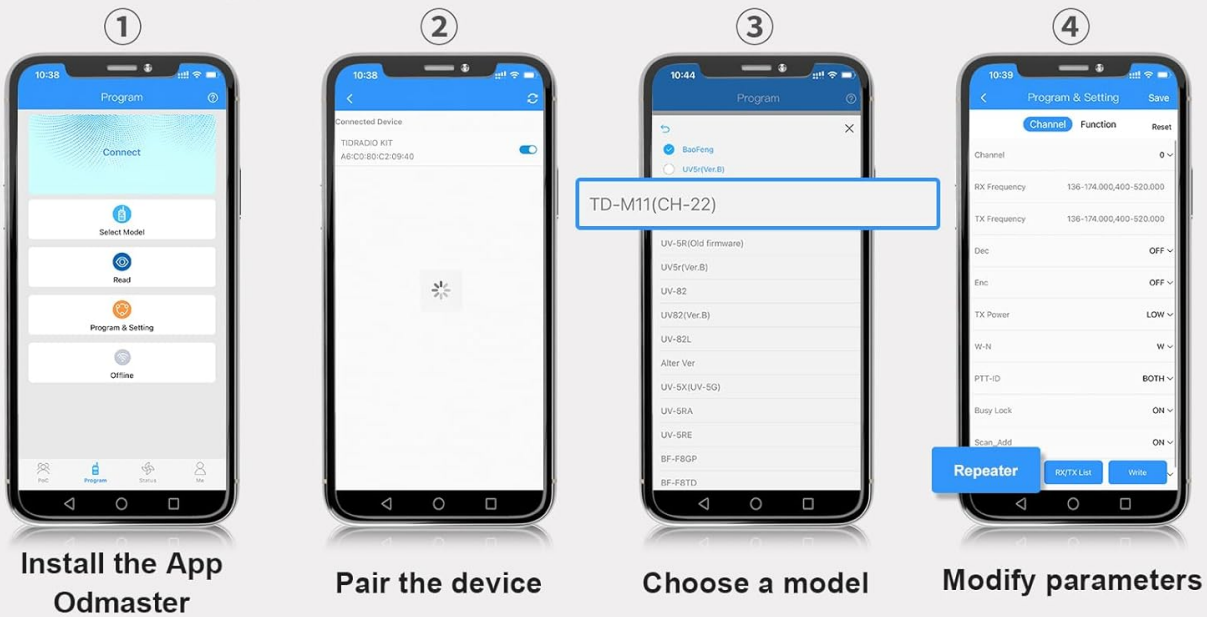
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This video demonstrates how to connect your mobile device to the TIDRADIO TD-M11 radio for programming using the Odmaster application. It covers turning on Bluetooth, pairing the device, selecting the model, and adjusting programming settings.



Odmaster
APP

🍏 iOS ✓
🤖 Android ✓



Note: Bluetooth is for programming only, not for other accessories.

A visual guide demonstrating the four steps to program the TD-M11 radio via the Odmaster mobile application: installing the app, pairing the device, choosing the model, and modifying parameters.

1. Ensure the radio is powered on.
2. Long press the 'CH+' button on the side of the radio to activate Bluetooth. The LED indicator will flash.
3. Download and install the 'Odmaster' application from your mobile device's app store (Google Play Store or Apple App Store).
4. Open the Odmaster app and select 'Connect Bluetooth'. Pair your device (e.g., 'KIT' or 'TIDRADIO').
5. Once connected, select 'Select Model' and choose 'TD-M11(CH-22)' from the TIDRADIO list.
6. Tap 'Read' to retrieve the current programming settings from the radio.
7. Navigate to 'Program & Setting' to modify channel frequencies, functions, and other parameters.
8. After making changes, tap 'Write' to upload the new settings to the radio. Confirm 'Upload Completed'.

Important Note: Bluetooth is for programming only and does not support other accessories.

OPERATING INSTRUCTIONS

Channel Selection

Use the 'CH+' and 'CH-' buttons on the side of the radio to cycle through the available 22 channels. The selected channel will be displayed on the LED screen.

Transmitting and Receiving

To transmit, press and hold the Push-to-Talk (PTT) button on the side of the radio and speak clearly into the microphone. Release the PTT button to receive.

VOX Function



A diagram showing sound waves emanating from a person's mouth towards the radio, representing the built-in VOX function for hands-free operation.

The built-in VOX (Voice Operated Exchange) function allows for hands-free transmission. When activated, the radio will automatically transmit when it detects your voice. Refer to the Odmaster app for VOX level adjustment.

NOAA Weather Receiver

The TD-M11 includes a NOAA Weather Receiver. Specific instructions for accessing weather alerts can be found within the Odmaster app's programming settings.

Busy Channel Lockout (BLCO)

This feature prevents transmission on a channel that is already in use, ensuring clear communication and avoiding interference. BLCO settings can be configured via the Odmaster app.

MAINTENANCE

Water Resistance

IP67 WATERPROOF



Note: TD-M11 cannot be used in water. If it falls into water, before using it again, shake or wipe the water off the walkie-talkie first.

The TD-M11 radio submerged in water, illustrating its IP67 waterproof capability. Note: The radio should be dried thoroughly if it falls into water before continued use.

The TD-M11 is IP67 waterproof. While it is designed to withstand water exposure, if the radio falls into water, ensure it is thoroughly shaken and wiped dry before continued use to prevent damage.

Cleaning

Clean the radio's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure all ports are dry before charging.

Battery Care

To maximize battery life, avoid overcharging and fully discharge the battery periodically. Store the radio and battery in a cool, dry place when not in use for extended periods.

TROUBLESHOOTING

- **No Power:** Ensure the battery is fully charged and properly inserted. Rotate the power knob to turn on the radio.
- **Cannot Transmit or Receive:** Verify both radios are on the same channel. Check the battery level.

Ensure the PTT button is fully pressed when transmitting. If using BLCO, ensure the channel is not busy.

- **Poor Audio Quality:** Check the volume level. Ensure the microphone and speaker are not obstructed. Move closer to the other radio if range is an issue.
- **Programming Issues with Odmaster App:** Ensure Bluetooth is enabled on both the radio and your mobile device. Confirm the correct radio model is selected in the app. Try restarting both the radio and the app.
- **Short Battery Life:** Ensure the battery is fully charged. Reduce transmit power if possible (via app programming). The 1000 mAh Li-ion battery provides approximately 35 hours of average life.

SPECIFICATIONS

Feature	Detail
Brand	TIDRADIO
Model Number	TD-M11
Color	Black
Number of Channels	22
Frequency Range	400-470 MHz
Talking Range Maximum	5 Kilometers
Voltage	3.6 Volts
Water Resistance Level	IP67 Waterproof
Battery	1000 mAh Li-ion Battery (included)
Battery Average Life	35 Hours
Impedance	50 Ohms
Tuner Type	UHF
Connectivity Protocol	Bluetooth
Special Features	LED Display, NOAA Weather Radio, USB-C Charging, Wireless Programming, Shockproof and Drop-proof, Built-in VOX
Compatible Devices	Mobile phones, Repeaters, External microphones/headsets

WARRANTY & SUPPORT

For warranty information or technical assistance, please contact TIDRADIO customer support. Refer to the

product packaging or the official TIDRADIO website for contact details.