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› Motorola TLK100 Wave OnCloud Two-Way Radio User Manual

Motorola TLK100

Motorola TLK100 Wave OnCloud Two-Way Radio User Manual

Model: TLK100

INTRODUCTION

The Motorola TLK100 Wave OnCloud Two-Way Radio provides nationwide push-to-talk communication over 4G LTE and Wi-Fi networks. This manual provides essential information for setting up, operating, and maintaining your device.

For optimal performance, ensure you have an active monthly service plan as required for nationwide coverage.

PACKAGE CONTENTS

- Motorola TLK100 Two-Way Radio
- 1 Lithium Ion Battery (included)
- 1* Motorola CH22 Headset
- Charging Cable (not explicitly listed but implied)
- Belt Clip (implied from images)

SETUP

1. Battery Installation

The TLK100 uses a Lithium Ion battery. Ensure the battery is fully charged before first use.

1. Align the battery with the compartment on the back of the radio.
2. Gently press the battery into place until it clicks securely.
3. To remove, locate the battery release latch and slide it to unlock, then lift the battery out.

2. Initial Power On

Press and hold the Power/Info button (usually marked with a power symbol and "INFO") located on the top of the radio

until the display illuminates.

The radio will connect to the 4G LTE network. Wi-Fi connectivity is also available for over-the-air updates and management.





Figure 1: Front view of the Motorola TLK100 radio, displaying 'CH2' on its screen. This image highlights the compact and robust design of the device.

OPERATING INSTRUCTIONS

Push-to-Talk (PTT) Communication

The TLK100 utilizes a Push-to-Talk (PTT) button for instant communication. This allows for one-to-one or group calls.

1. To transmit, press and hold the large side PTT button. Speak clearly into the microphone.
2. Release the PTT button to listen.

Channel Selection

Use the Channel Up (CH+) and Channel Down (CH-) buttons located on the top of the radio to navigate through available channels or talkgroups.

Volume Adjustment

Volume controls are typically integrated with the channel selection buttons or a dedicated volume knob. Adjust to a comfortable listening level.



Figure 2: Various angles of the Motorola TLK100 radio, including views of the side PTT button, top controls, and the attached belt clip. This illustrates the ergonomic design and accessory options.

Official Product Video: Motorola Solutions - TLK 100 Wave

Your browser does not support the video tag.

Video 1: An official product video from Motorola Solutions showcasing the features and benefits of the TLK100 Wave radio, including its nationwide coverage, slim design, long-lasting battery, and clear audio. This video provides a visual overview of the device's capabilities.

MAINTENANCE

Cleaning the Radio

To clean the exterior of the radio, use a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the radio is powered off and disconnected from any power source before cleaning.

Battery Care

- Charge the battery fully before first use.
- Avoid overcharging or completely draining the battery to prolong its lifespan.
- Store the battery in a cool, dry place when not in use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on.	Battery is not charged or not properly installed.	Ensure battery is fully charged and correctly seated in the compartment.
Cannot transmit or receive.	Out of network coverage, service plan inactive, or incorrect channel.	Check network signal strength. Verify active service plan. Ensure you are on the correct talkgroup/channel.
Poor audio quality.	Low signal, obstruction, or microphone/speaker issues.	Move to an area with better signal. Check for debris blocking microphone/speaker.

SPECIFICATIONS

- Item Weight:** 1.04 pounds
- Product Dimensions:** 7.48 x 6.1 x 2.09 inches
- Item Model Number:** TLK100
- Batteries:** 1 Lithium Ion battery required (included)
- Manufacturer:** Motorola Solutions
- Brand:** Motorola

Color: Black

Number of Channels: 8

Frequency Range: 400-470 MHz

Talking Range Maximum: 25 Mile

Tuner Technology: UHF

Voltage: 3.7 Volts

Water Resistance Level: Waterproof (IP54 IEC60529, MIL SPEC STD 810G)

Special Feature: Comprehensive Over-the-Air Device Management with Powerful and Slim Design, Wi-Fi Connectivity, Location Tracking, Extended Battery Life, Loud and Clear Audio, Private and Group Push-to-Talk, and Real-Time Presence.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Motorola Solutions website or contact their customer service. Keep your purchase receipt for warranty claims.

You can visit the official Motorola Store on Amazon for more information:[Motorola Store](#)

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

Which Bluetooth headset is compatible with the Motorola TLK100 Wave OnCloud radio?

The Motorola TLK100 is designed to be compatible with a variety of Bluetooth accessories. While the manual mentions the Motorola CH22 Headset as a standard accessory, the device generally supports professional-grade Bluetooth headsets designed...

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