Motorola Solutions RMV2080

Motorola Solutions RMV2080 Two-Way Radio User Manual

Model: RMV2080 | Brand: Motorola Solutions

Product Overview

The Motorola Solutions RMV2080 is an on-site two-way business radio designed for instant communication in various professional environments. It offers clear audio, exceptional durability, and advanced features to enhance operational efficiency.



Image: Motorola Solutions RMV2080 Two-Way Radio, showing the radio unit, charging base, and power adapter.

This radio operates on 27 VHF business exclusive frequencies and is FCC Narrowband ready. Its robust design ensures reliable performance in high-noise and harsh conditions. Key features include customized channel announcement and NOAA Weather Alerts for enhanced safety and convenience.

Setup

What's in the Box

- Motorola Solutions RMV2080 Two-Way Radio
- Battery (1 Lithium Ion battery required, included)

- Charging Base
- Power Adapter
- Belt Clip

Battery Installation and Charging

Before initial use, ensure the battery is fully charged. The RMV2080 comes with one Lithium Ion battery.

1. Align the battery with the battery compartment on the back of the radio.
2. Gently press the battery into place until it clicks securely.
3. Place the radio into the charging base. Ensure the charging contacts on the radio align with those on the base.
4. Connect the power adapter to the charging base and plug it into a standard electrical outlet.
5. The charging indicator light on the radio or base will illuminate to show charging is in progress. A full charge typically takes several hours.

For optimal battery life, it is recommended to fully discharge and recharge the battery periodically.

Operating Instructions

Powering On/Off

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

Channel Selection

The RMV2080 features 8 channels. To change channels, rotate the Channel Selector knob. The radio will announce the current channel number, allowing for hands-free operation.

Voice Announcement: The radio provides voice announcements for battery level and channel selection, ensuring you are always aware of your radio's status without needing to look at a display.

Channel Alias: This feature allows you to assign custom names to channels (e.g., "Security," "Stock Room," "Office"). This helps in quickly identifying who you are communicating with on a specific channel.

Communication (Push-to-Talk)

To transmit, 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.

NOAA Weather Alert

The RMV2080 includes a dedicated NOAA Weather Alert channel (Channel 8 is pre-assigned). This feature allows you to monitor weather conditions and receive automatic notifications for official weather warnings, watches, and forecasts.

Your browser does not support the video tag.

Video: Motorola Solutions - RM Series Business Radios. This video highlights the features and benefits of the RM series radios, including voice announcements, channel alias, and NOAA Weather Alerts, demonstrating their utility in various business settings.

This feature is crucial for ensuring the safety of your workplace and employees by keeping them informed about unexpected weather changes.

Maintenance

Cleaning

To clean 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

Store batteries in a cool, dry place. Avoid exposing batteries to extreme temperatures. If the radio will not be used for an extended period, remove the battery.

Troubleshooting

Problem	Possible Cause	Solution
Radio does not power on.	Low or dead battery; improperly installed battery.	Charge the battery; ensure battery is correctly installed.
Cannot transmit or receive.	Incorrect channel; out of range; battery low.	Verify channel selection; move closer to other radios; charge battery.
Audio is unclear or distorted.	Volume too low/high; interference; radio too far from mouth.	Adjust volume; move to a different location; speak clearly into microphone.

If issues persist after attempting these solutions, please refer to the support section or contact Motorola Solutions customer service.

Specifications

Product Dimensions: 4.5 x 1.6 x 2.2 inches

Item Weight: 9 ounces

Item Model Number: RMV2080

Batteries: 1 Lithium Ion batteries required (included)

Special Features: Weather Alert

Other Display Features: Wireless

Color: Black

Manufacturer: Motorola

Number of Channels: 8

Frequency Range: 150.8-160 MHz (VHF)

Talking Range Maximum: 0.25 Miles

Tuner Technology: VHF

Voltage: 3.7 Volts

Water Resistance Level: Water Repellent

Warranty and Support

This product is intended for use only by business or other professional users – not for consumers.

For detailed warranty information and technical support, please visit the official Motorola Solutions website or refer to the comprehensive User Guide (PDF) available for download:

Download User Guide (PDF)

You can also visit the Motorola Solutions Store on Amazon for additional product information and accessories.

© 2024 Motorola Solutions. All rights reserved.

Ask a question about this manual

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