

Motorola Solutions 53724

Motorola 53724 Remote Speaker Microphone User Manual

Model: 53724 | Brand: Motorola Solutions

INTRODUCTION

The Motorola 53724 Remote Speaker Microphone is designed to enhance communication for users of compatible Motorola TALKABOUT radios. This accessory allows for hands-free operation, enabling you to talk and listen without needing to handle your two-way radio directly. It features a 2.5mm single pin connector and is compatible with Voice Activated Transmission (VOX) capable radios, as well as offering Push-to-Talk functionality.

PRODUCT OVERVIEW



Figure 1: The Motorola 53724 Remote Speaker Microphone, featuring a speaker grille, microphone, and coiled cable with a 2.5mm connector.



Figure 2: Packaging for the Motorola 53724 Remote Speaker Microphone, showing the product inside a clear blister pack with "TALKABOUT" branding and approximate dimensions (11 inches / 28 cm height indicated).

SETUP

To begin using your remote speaker microphone, follow these simple steps:

1. **Ensure Radio is Off:** Before connecting any accessories, make sure your Motorola TALKABOUT radio is powered off.
2. **Locate Audio Jack:** Identify the 2.5mm single pin audio jack on your radio. This is typically located on the side or top of the radio.
3. **Connect Microphone:** Insert the 2.5mm single pin connector of the remote speaker microphone firmly into the radio's audio jack until it clicks into place.
4. **Secure Microphone:** Use the integrated clip on the back of the microphone to attach it securely to your lapel, collar, or other convenient clothing item. This positions the microphone close to your mouth for clear voice pickup and the speaker near your ear for optimal listening.
5. **Power On Radio:** Once connected, you can power on your Motorola TALKABOUT radio.

OPERATING INSTRUCTIONS

The Motorola 53724 Remote Speaker Microphone offers convenient communication methods:

- **Voice Activated Transmission (VOX):** If your Motorola TALKABOUT radio supports VOX and this feature is enabled in your radio's settings, you can transmit simply by speaking into the microphone. The radio will automatically detect your voice and begin transmitting. Ensure your radio's VOX sensitivity is set appropriately for your environment.
- **Push-to-Talk (PTT):** For radios without VOX, or when you prefer manual control over transmissions, use the Push-to-Talk button located on the side of the microphone. Press and hold this button firmly while speaking to transmit. Release the button to stop transmitting and listen for incoming messages.
- **Listening:** All incoming audio from your radio will be routed through the speaker on the remote microphone. Adjust your radio's volume control for comfortable listening.

MAINTENANCE AND CARE

Proper care will extend the life and performance of your remote speaker microphone:

- **Cleaning:** Gently wipe the microphone and its coiled cable with a soft, slightly damp cloth. Do not use harsh chemicals, solvents, or abrasive cleaners, as these can damage the plastic and electronic components. Ensure the connector is completely dry before plugging it back into your radio.
- **Storage:** Store the microphone in a cool, dry place away from direct sunlight, extreme temperatures, and excessive humidity. Avoid tightly coiling the cable, which can lead to internal wire damage over time.
- **Handling:** Always grasp the connector itself when plugging or unplugging the microphone from your radio. Avoid pulling on the cable, as this can strain the connection points and cause damage.

TROUBLESHOOTING

If you experience issues with your Motorola 53724 Remote Speaker Microphone, consider the following:

No Audio from Microphone Speaker:

- **Check Connection:** Ensure the 2.5mm connector is fully and securely inserted into your radio's audio jack.
- **Radio Volume:** Verify that your radio's volume is turned up to an audible level.
- **Test Radio Speaker:** Disconnect the microphone and test if your radio's internal speaker produces sound. This helps determine if the issue is with the radio or the microphone.

Microphone Not Transmitting:

- **Compatibility:** Confirm that your radio model is listed as compatible with the 53724 microphone (e.g., T200, T400, T600, T800, T8500/9500/EM1000 Series).

- **VOX Settings:** If using VOX, ensure it is enabled in your radio's settings and that the sensitivity is adjusted correctly. Speak clearly and loudly enough for VOX to activate.
- **PTT Button:** If using Push-to-Talk, ensure you are pressing and holding the PTT button firmly while speaking.
- **Radio Power/Battery:** Check that your radio is powered on and has sufficient battery charge.

If these steps do not resolve the issue, please refer to your radio's specific user manual or contact Motorola Solutions customer support for further assistance.

SPECIFICATIONS

Key technical specifications for the Motorola 53724 Remote Speaker Microphone:

Feature	Detail
Brand	Motorola Solutions
Model Name	53724
Connectivity Technology	Auxiliary
Connector Type	2.5 mm Single Pin Connector
Special Feature	Integrated Clip
Compatible Devices	Motorola Talkabout Radios (T200, T400, T600, T800, T8500/9500/EM1000 Series)
Color	Black
Included Components	Remote Speaker Microphone Unit, Instruction Guide
Polar Pattern	Unidirectional
Recommended Use	Two-Way Radio Communication

WARRANTY AND SUPPORT

Warranty Information: Specific warranty details for the Motorola 53724 Remote Speaker Microphone are typically provided with the product packaging or can be found on the official Motorola Solutions website. Please refer to the documentation included with your purchase for the most accurate and up-to-date warranty information.

Customer Support: For further assistance, technical support, or inquiries regarding your Motorola 53724 Remote Speaker Microphone, please visit the official Motorola Solutions support website or contact their customer service department. You can find more information and contact details on the [Motorola Solutions Brand Store on Amazon](#) or their main corporate website.



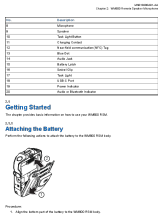
[Motorola RMN5052, RMN5053 Compact and Heavy Duty Microphones User Guide](#)

User guide for Motorola RMN5052 and RMN5053 Compact and Heavy Duty Microphones, detailing installation, operation, safety, and service information for professional two-way radio communication.



[Motorola PMMN4094/PMMN4100 ATEX/IECEX Active Noise-Cancelling Remote Speaker Microphone User Guide](#)

User and safety guide for the Motorola PMMN4094 and PMMN4100 IMPRES™ ATEX/IECEX Active Noise-Cancelling Remote Speaker Microphone, detailing features, operation, accessories, and maintenance.



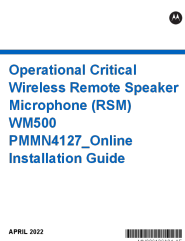
[Motorola WM800 Remote Speaker Microphone and Dual-Unit Charger User Guide](#)

Comprehensive user guide for the Motorola WM800 Remote Speaker Microphone (RSM) and its Dual-Unit Charger, covering setup, operation, status indications, pairing, and troubleshooting.



[Motorola APX XE500 Remote Speaker Microphone: Extreme Performance for Mission Critical Communications](#)

Discover the Motorola APX XE500 Remote Speaker Microphone (RSM), designed for extreme environments. Features adaptive audio, rugged durability, IP68 rating, and seamless integration with APX 8000XE radios for ultimate usability and extreme performance.



[Motorola WM500 RSM Installation Guide: Features, Maintenance, and Safety](#)

Comprehensive installation guide for the Motorola WM500 Wireless Remote Speaker Microphone (RSM), covering features, compatibility, charging, maintenance, safety, and regulatory information.



[Motorola XVN500 Remote Speaker Microphone Software Release Notes R03.03.00](#)

Software release notes for the Motorola XVN500 Remote Speaker Microphone, detailing firmware versions R03.03.00 and R03.01.00, including updates on Intelligent Noise Reduction.