

Motorola Solutions PMMN4062AL

Motorola Solutions PMMN4062AL Remote Speaker Microphone User Manual

1. INTRODUCTION

This manual provides instructions for the proper use, setup, and maintenance of your Motorola Solutions PMMN4062AL Remote Speaker Microphone. This device is designed for use with compatible two-way radios, offering enhanced communication capabilities in various environments.



Figure 1.1: The Motorola Solutions PMMN4062AL Remote Speaker Microphone alongside its user guide.

2. PRODUCT FEATURES

The PMMN4062AL Remote Speaker Microphone incorporates several features designed for reliable and clear communication:

- **IMPRES Audio:** Optimizes audio performance, particularly in noisy environments, ensuring clear voice transmission.
- **Noise-Canceling Acoustics:** Reduces background noise, allowing your voice to be transmitted clearly.
- **Emergency Button:** A programmable orange button for emergency signaling.

- **3.5mm Audio Jack:** Allows connection of an earpiece for discreet communication.
- **Push-to-Talk (PTT) Switch:** For initiating transmissions.
- **Swivel Clip:** For secure attachment to clothing or gear.
- **Quick Disconnect Latch:** For easy attachment and removal from compatible radios.
- **Rugged Construction:** IP54 rated for dust and water resistance, suitable for demanding conditions.
- **Large Housing:** Designed for ease of use, even when wearing gloves.

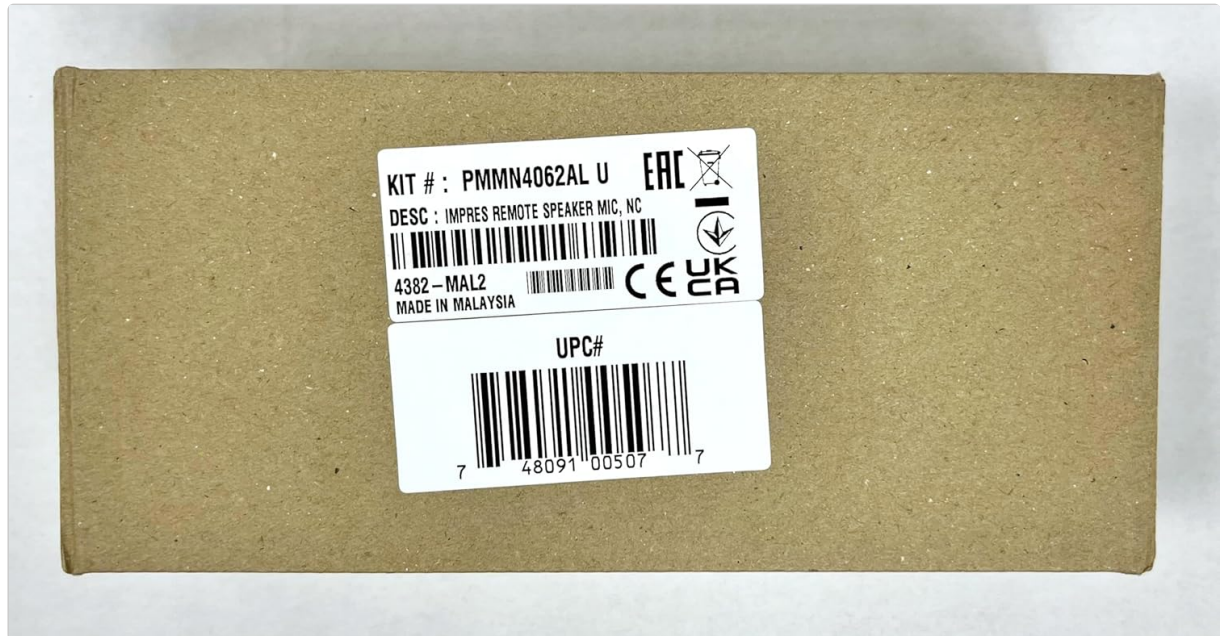


Figure 2.1: A detailed view of the microphone's front, highlighting the speaker grille and Motorola logo.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Motorola Solutions PMMN4062AL Remote Speaker Microphone
- User Guide/Instruction Manual



Figure 3.1: Contents as typically found upon opening the product packaging.



Figure 3.2: The product box label, indicating model number PMMN4062AL and manufacturing details.

4. SETUP

Follow these steps to set up your Remote Speaker Microphone:

1. **Attach to Radio:** Align the quick disconnect latch of the microphone cable with the accessory port on your compatible Motorola Solutions radio. Push firmly until it clicks into place.
2. **Secure the Microphone:** Use the swivel clip on the back of the microphone to attach it to your uniform, vest, or other gear at a convenient location for speaking and listening.
3. **Connect Earpiece (Optional):** If discreet communication is required, insert a compatible 3.5mm earpiece into the audio jack located on the side of the microphone.



Figure 4.1: Examples of compatible Motorola APX series radios with which the PMMN4062AL can be used.



Figure 4.2: The side of the microphone, illustrating the swivel clip for attachment and the 3.5mm audio jack.

5. OPERATING INSTRUCTIONS

To operate your Remote Speaker Microphone:

- **Receiving Audio:** Audio from the radio will be routed through the speaker on the microphone. Ensure the microphone speaker is not obstructed.
- **Transmitting (Push-to-Talk):** Press and hold the large Push-to-Talk (PTT) button on the side of the microphone. Speak clearly into the microphone grille. Release the PTT button to stop transmitting and return to receive mode.
- **Emergency Button:** In an emergency, press the orange programmable emergency button. The specific function of this button is configured on your radio. Refer to your radio's user manual for details on emergency signaling.
- **Discreet Listening:** If an earpiece is connected to the 3.5mm audio jack, audio will be routed to the earpiece instead of the microphone's speaker.

6. MAINTENANCE

Proper maintenance ensures the longevity and performance of your microphone:

- **Cleaning:** Wipe the microphone's exterior with a damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the 3.5mm audio jack and radio connector are free of debris.
- **Storage:** Store the microphone in a dry, cool place away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the cable for any signs of wear, cuts, or damage. If damage is observed, discontinue use and contact authorized service personnel.

7. TROUBLESHOOTING

If you encounter issues with your Remote Speaker Microphone, consider the following:

- **No Audio from Speaker:**
 - Ensure the microphone is securely connected to the radio.
 - Check if an earpiece is connected to the 3.5mm jack; if so, audio will be routed there.
 - Verify the radio's volume is set appropriately.
- **Unclear or Distorted Audio:**
 - Ensure you are speaking directly into the microphone grille.
 - Check for obstructions on the microphone grille.
 - Verify the radio's audio settings.
- **PTT Button Not Functioning:**
 - Ensure the microphone is fully connected to the radio.
 - Check the radio's settings for external accessory functionality.

8. SPECIFICATIONS

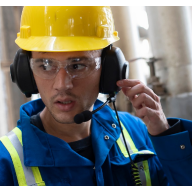
Model Number	PMMN4062AL
Brand	Motorola Solutions
Microphone Form Factor	Lavalier (Remote Speaker Microphone)

Dimensions (L x W x H)	8 x 3.5 x 2 inches
Item Weight	11.7 ounces
Ingress Protection (IP) Rating	IP54 (Dust and Water Resistant)
Audio Jack	3.5mm
Signal-to-Noise Ratio	78 dB
Compatible Devices	SRX2200, APX7000, APX7000XE, APX 6000, APX 6000XE, APX 4000, APX 3000, APX 1000, APX 900

9. WARRANTY AND SUPPORT

This product is covered by Motorola Solutions' standard warranty. For specific warranty terms, service, or technical support, please refer to the documentation provided with your purchase or visit the official Motorola Solutions website. Keep your proof of purchase for warranty claims.

Related Documents - PMMN4062AL

	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 Solutions XVE500 IMPRES Remote Speaker Microphone User Guide and Safety Information This document provides essential information for the Motorola Solutions XVE500 IMPRES Remote Speaker Microphone with DincX Noise Suppression. It covers RF energy exposure guidelines, product safety, warranty details, best transmit practices, indicator light functions, cleaning procedures, replacement parts, and firmware upgrade notices.
	MOTOTRBO™ Headsets and Earpieces Buyer's Guide A comprehensive buyer's guide to Motorola Solutions' MOTOTRBO™ headsets and earpieces, detailing product features, types, and specifications across various radio series to help users select the optimal audio accessory for demanding environments.

	IMPRES™ ATEX Omnidirectional Remote Speaker Microphone PMMN4109 for MTP8000Ex Series User guide and specifications for the Motorola Solutions IMPRES™ ATEX Omnidirectional Remote Speaker Microphone (RSM) model PMMN4109, designed for MTP8000Ex Series radios. Includes safety, operation, and cleaning instructions.
	PMMN4131 RM730 IMPRES Windporting Remote Speaker Microphone User Guide User guide for the Motorola Solutions PMMN4131 RM730 IMPRES Windporting Remote Speaker Microphone, Small (IP68). This guide provides operating instructions, safety information, and details on features and maintenance.
	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.

Documents - Motorola Solutions – PMMN4062AL



[pdf] User Manual Accessories

UL Approval Manual Addendum for APX 8000H 8000HXE Motorola Solutions Inc learning motorolasolutions fr node 85881 |||

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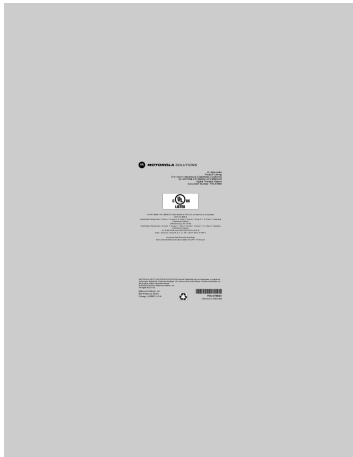
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[pdf] User Manual

UL Manual for ASTRO® SRX™ 2200 APX™ 5000 APX 6000 6000XE 6000Li 7000 7000XE Motorola

Solutions Inc Feb 8 2022 — The SRX Radio Models HAZ LOC are listed by to standards ANSI TIA 4950

B and CAN CSA C22 2 NO PMLN7770L enus Safety Addendum SRX2200 APX5000 APX6000 APX7000

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[Motorola Solutions ASTRO® 25 Portable Radio EU Declaration of Conformity](#)

Official EU Declaration of Conformity for Motorola Solutions ASTRO® 25 Portable Radio, detailing compliance with relevant EU directives and standards. Includes model numbers and approved accessories.

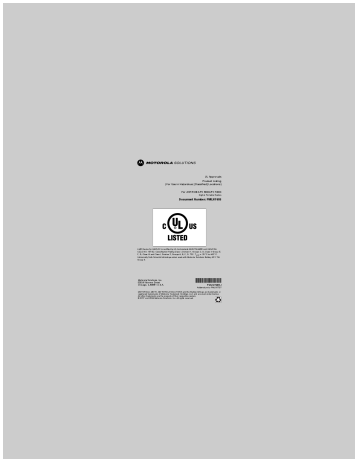
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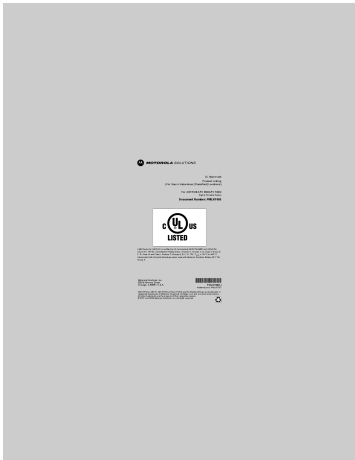


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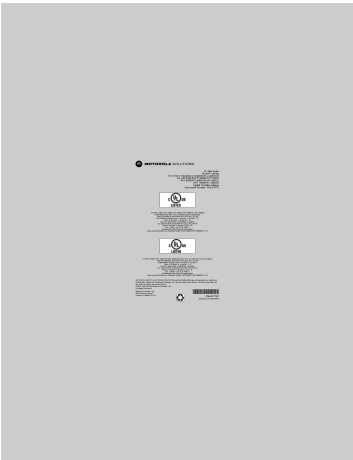


[pdf] Declaration of Conformity

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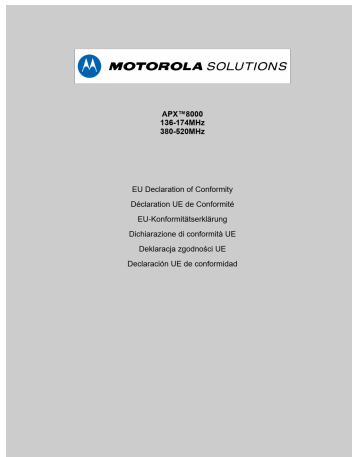


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