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MOTOROLA SOLUTIONS PMMN4135 Remote Speaker Microphone with DincX Noise Suppression

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Specifications

- Product Name: XVP IMPRES Remote Speaker Microphone with DincX Noise Suppression
- Models Available: PMMN4135_, PMMN4136_, PMMN4141_,
- PMMN4142_ Languages: en-US, fr-CA, es-LA, pt-BR, uk-UA

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Open Source Content
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Warranty Information
Motorola Solutions offers awarranty for the Remote Speaker Microphone. Contact your dealer or point-of-purchase for detailed warranty information.

FAQ
Q: What should I do if I experience hearing discomfort while using the product?
A: If you experience any hearing discomfort, ringing in your ears, or muffled sounds, stop using the product and consult a doctor. Adjust the volume level as per safety guidelines provided in the manual.

Safety and Legal

This section provides the safety and legal information for this product.
Intellectual Property and Regulatory Notices

Conformity Markings

Contact Us

The Centralized Managed Support Operations (CMSO) is the primary contact for technical support included in your organization's service agreement with Motorola Solutions.
Service agreement customers should be sure to call the CMSO in all situations listed under Customer Responsibilities in their agreement, such as:

- To confirm troubleshooting results and analysis before taking action

Your organization received support phone numbers and other contact information appropriate for your geographic region and service agreement. Use that contact information for the most efficient response. However, if needed, you can also find general support contact information on the Motorola Solutions website, by following these steps:

1. Enter **motorolasolutions.co**m in your browser.
2. Ensure that your organization's country or region is displayed on the page. Clicking or tapping the name of the region provides a way to change it.
3. Select "Support" on the **motorolasolutions.com** page.

Comments

Send questions and comments regarding user documentation to **documentation@motorolasolutions.com**
Provide the following information when reporting a documentation error:

- The document title and part number
- The page number or title of the section with the error
- A description of the error

Motorola Solutions offers various courses designed to assist in learning about the system. For information, go to **https://learning.motorolasolutions.com** to view the current course offerings and technology paths.

Icon Conventions

The documentation set is designed to give the reader more visual clues. The following graphic icons are used throughout the documentation set.

- DANGER: The signal word DANGER with the associated safety icon implies information that, if disregarded, will result in death or serious injury.
- WARNING: The signal word WARNING with the associated safety icon implies information that, if disregarded, could result in death or serious injury, or serious product damage.
- CAUTION: The signal word CAUTION with the associated safety icon implies information that, if disregarded, may result in minor or moderate injury, or serious product damage.
- CAUTION: The signal word CAUTION may be used without the safety icon to state potential damage or injury that is not related to the product.
- IMPORTANT: IMPORTANT statements contain information that is crucial to the discussion at hand, but is not a CAUTION or WARNING. There is no warning level associated with the IMPORTANT statement.
- NOTE: NOTICE contains information more important than the surrounding text, such as exceptions or preconditions. They also refer the reader elsewhere for additional information, remind the reader how to complete an action (when it is not part of the current procedure, for instance), or tell the reader where something is on the screen. There is no warning level associated with a notice.

Foreword

RF Energy Exposure and Product Safety Guide for Portable Two-Way Radios

CAUTION

Before using this product, read this guide which contains RF energy awareness information and operating instructions.
For information on intrinsic and/or nonincendive safety certification, refer to the Approval manual that ships with your radio.

Acoustic Safety
Exposure to loud noises from any source for extended periods of time may temporarily or permanently affect your hearing. The louder the radio volume, the less time is required before your hearing could be affected. Hearing damage from loud noise is sometimes undetectable at first and can have a cumulative effect. To protect your hearing:

- Use the lowest volume necessary to do your job.
- Turn up the volume only if you are in noisy surroundings.
- Turn down the volume before wearing the headset or earpiece.
- Limit the amount of time that you use headsets or earpieces at high volume.
- When using the radio without a headset or earpiece, do not place the radio speaker directly against your ear.
- If you experience hearing discomfort, ringing in your ears, or speeches that are muffled, you should stop listening to your radio through your headset or earpiece, and have your hearing checked by your doctor. To change the volume level, refer to Radio Product Safety Leaflet or Customer Programming Software (CPS) for Surveillance extra loud (xL) Kit Configurations.

Warranty

Motorola Solutions offers warranty for your RSM. Refer to your Motorola Solutions dealer or point-of-purchase for detailed information.

NOTE: Warranty is void after customer replacement of any parts other than replacement parts listed.

Chapter 1

Product Overview

Remote Speaker Microphone (RSM) Models
Table 1: RSM Models

Part Number	Description	Replacement Coil Cord	Compatible Radios
PMMN4135_	Channel Knob RSM	PMKN4260_	APX, APX NEXT
		PMKN4263_	APX N70
PMMN4136_	Without Channel Knob RSM	PMKN4260_	APX, APX NEXT
		PMKN4263_	APX N70
PMMN4141_	Channel Knob RSM	PMKN4260_	APX, APX NEXT
		PMKN4263_	APX N70
PMMN4142_	Without Channel Knob RSM	PMKN4260_	APX, APX NEXT
		PMKN4263_	APX N70

PTT and Programmable Button
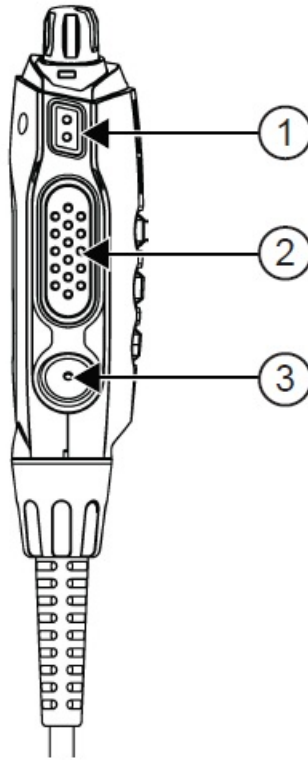
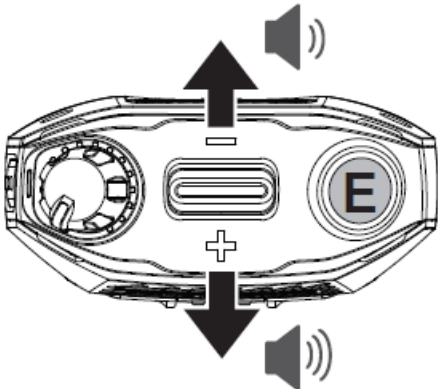| Number	Description
1	2-Dot
2	PTT
3	1-Dot

NOTE: 1-Dot, 2-Dot, and 3-Dot programmable buttons can be configured to other functions different from the same buttons on the radio. Refer to radio user manual for more information.

Speaker and Microphone
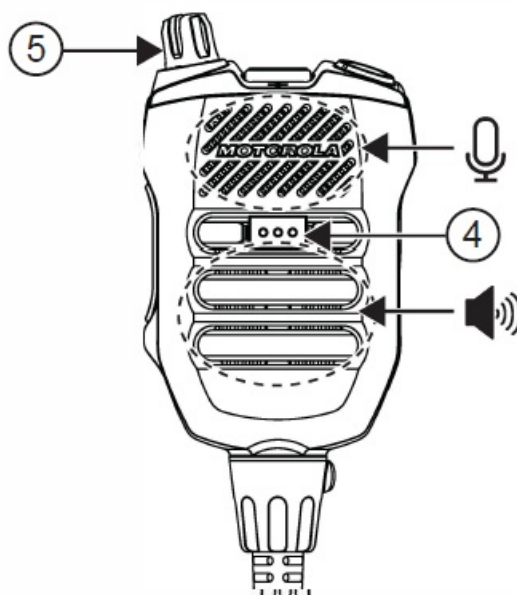
Number	Description
4	3-Dot
5	Channel Knob **NOTE:** Only applicable to PMMN4135_ and PMMN4141_.

Increasing and Decreasing Volume

Replacement Parts
Table 2: Replacement Parts

Item	Part Number	Description
1	PMLN8312_	Low Profile Swivel Clip with D-Ring
2	PMLN8313_	Channel Knob **NOTE:** Only applicable to PMMN4135_ and PMMN4141_.
3	PMKN4260_	Coil Cord **NOTE:** Compatible with accessory side connector of APX and APX Next.
4	PMKN4263_	Coil Cord **NOTE:** Compatible with accessory side connector of APX N70.

NOTE: Swapping the cable between PMKN4260_ and PMKN4263_ on the Remote Speaker Microphone (RSM) head is allowed but the rear housing label information does not change. Refer to the respective radio UL manual for compatible accessories.
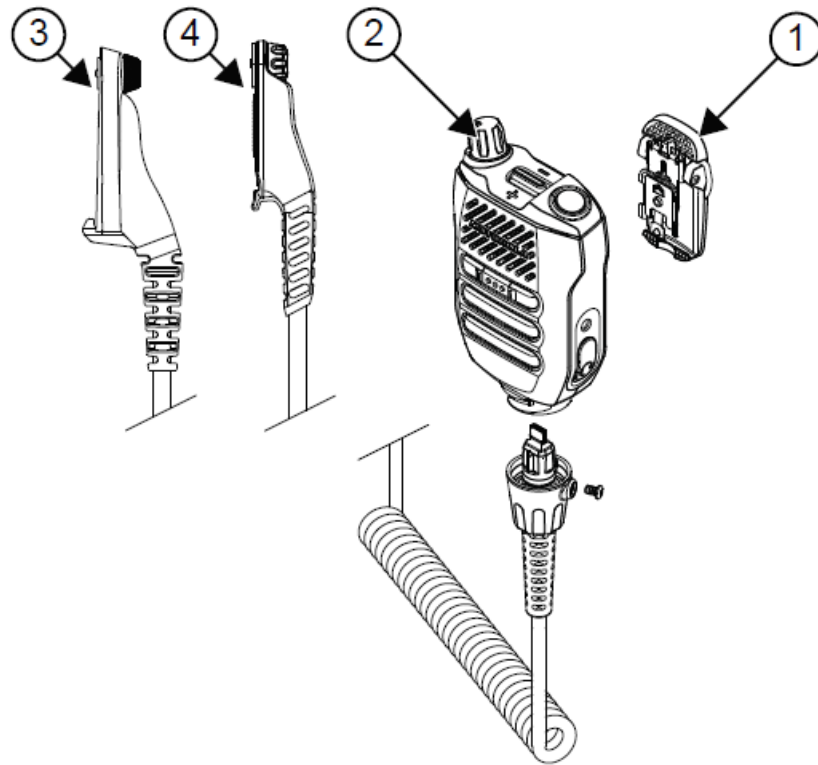
NOTE: To avoid functional problem, do not plug in incompatible cables.

Optional Accessories

Table 3: Optional Accessories

Part Number	Description
PMLN8120_	Receive-Only Loud Audio Earpiece with Translucent Tube, 3.5 mm Jack
PMLN8650_	N-ear 360 Flexo™ Dynamic Braided Fiber Cloth™ Single Ear Earpiece
PMLN8652_	Receive-Only Extra Loud Earpiece with Translucent Tube, 3.5 mm Jack

Replacing Coil Cord
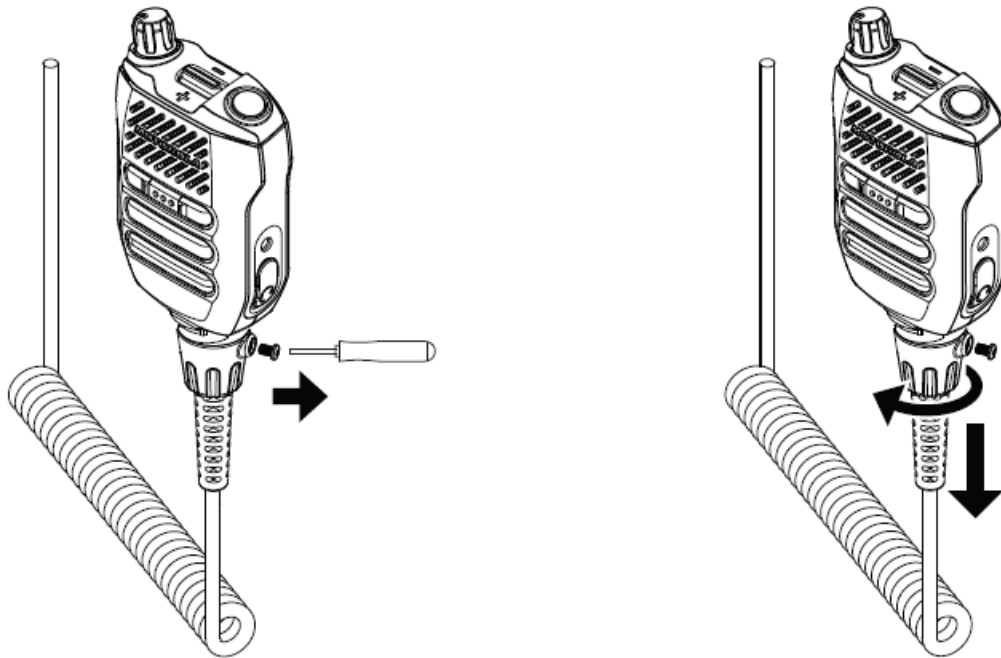
Chapter 2 Operating Instructions

This section provides guidelines on how to use your Remote Speaker Microphone.
Attaching the Remote Speaker Microphone (RSM) to the Radio
Prerequisites: Turn off your radio.

Procedure:

1. Attach the RSM connector to the side connector of the radio.

2. Secure the connection screw in a clockwise direction until tightened.

NOTE: To ensure proper operation, turn off the radio before connecting the RSM to the radio.
Connecting the RSM to the radio disables the speaker of the radio, but does not disable the microphone and PTT of the radio.

Attaching Swivel Belt Loop

Procedure:

1. Match and align the arrowhead icons and side wings.

2. Push down the top of the clip.

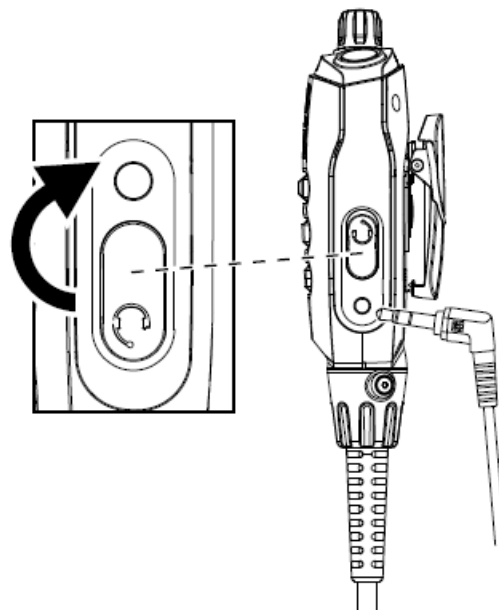3. Simultaneously, push slide clip upward.
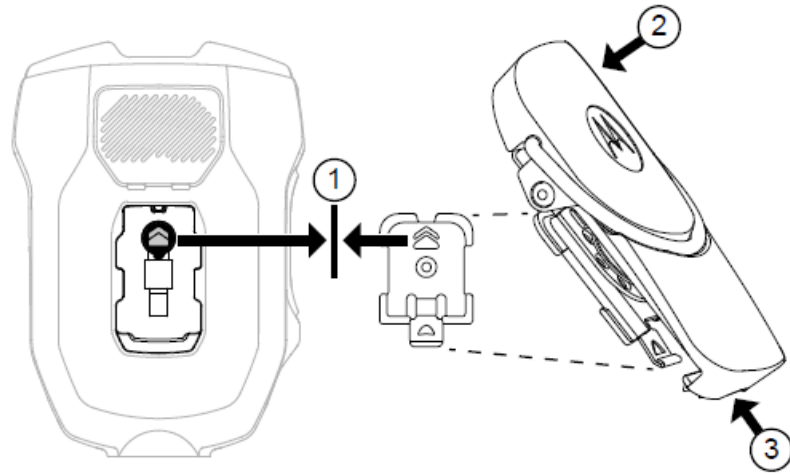
Detaching Swivel Belt Loop Procedure:

1. Push the top of the clip to raise the clip to the highest position.
2. Lift up the bottom release latch.

   Recommended to use the small flat tip tool.
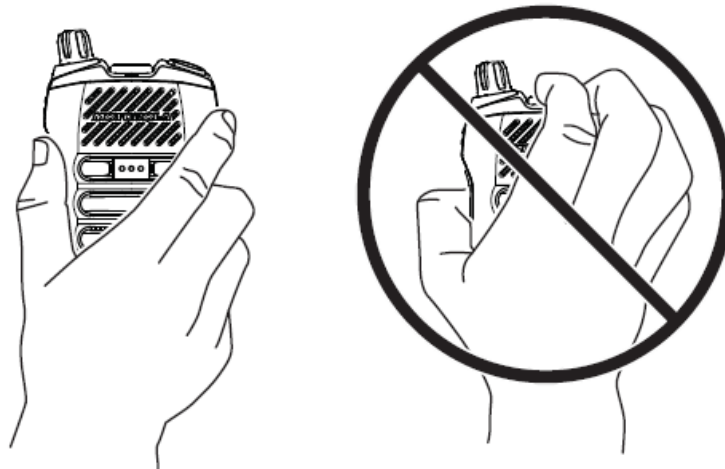3. To remove the clip, slide the clip.
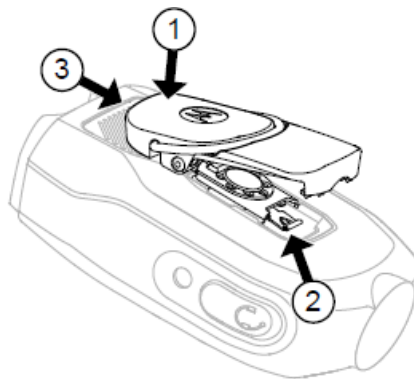
Earpiece Audio Jack
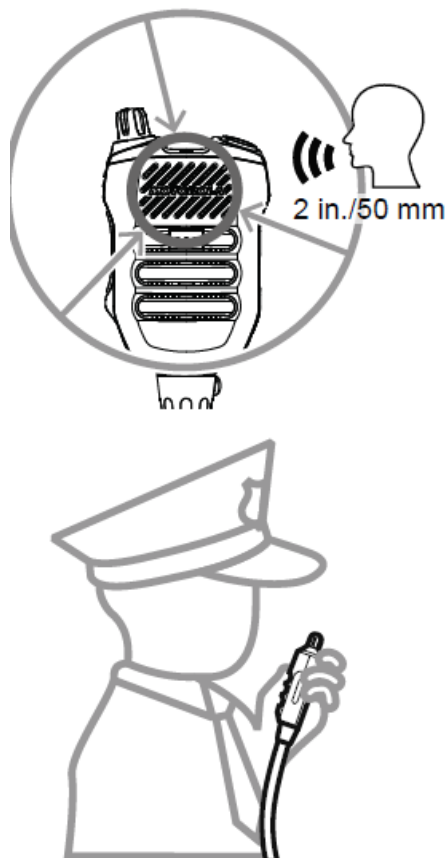Figure 1: Inserting Audio Jack

Chapter 3 Recommended Practices

This section provides information on the recommended practices for the Remote Speaker Microphone (RSM).
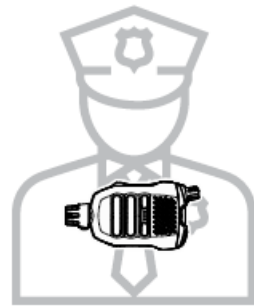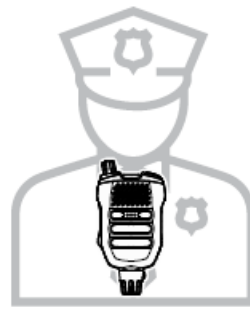
Holding Your RSM

Using Your RSM

2 in./50 mm

Positioning Your RSM

Proper Handling

Best Transmit Practices

- Hold the Remote Speaker Microphone (RSM) 1–2 inches from mouth.
- Speak in a loud, clear, and controlled voice
- Speak louder than the background noise
- When practical, shake the RSM to clear water before transmitting

NOTE: Refer to the radio user manual for more details.

Chapter 4 Cleaning Procedure

Do not use solvents to clean your Remote Speaker Microphone (RSM) as most chemicals may permanently damage the RSM housing and textures. Do not submerge the RSM in the detergent solution. To clean the external surfaces of your radio, perform the following procedure:

Procedure:

1. Vacuum the front surface of the RSM. Avoid completely covering the speaker grill and microphone openings all at once with the nozzle.
2. Mix one teaspoon of mild dish-washing detergent to one gallon of water (0.5 % solution) to clean the external surfaces of the RSM.
3. Apply the solution sparingly with a stiff, non-metallic, short bristled brush, making sure excess detergent does not get entrapped near the connectors, controls or crevices. Dry the RSM thoroughly with a soft, lint-free cloth.

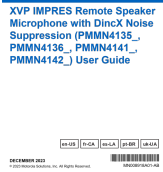**RSM Firmware Upgrades Notice**

- Radio checks the Remote Speaker Microphone (RSM) firmware version automatically after power up.
- Older RSM firmware is upgraded automatically through the radio.
- RSM firmware upgrade process takes less than 20 seconds to complete.
- During firmware update, all buttons except PTT and emergency button do not function.
- RSM firmware upgrade is aborted by the PTT Transmit (Tx) or incoming Receive (Rx) during the upgrade process. Turn your radio off and on again to re-initiate the RSM firmware upgrade.

Radio Firmware Requirement
XVP RSM is only compatible with the following radio firmware version and later:

- APX Radios: R24.00.00
- APX Next Radios: R03.20.00
- APX N70 Radios : R01.00.00

Documents / Resources

XVP IMPRES Remote Speaker Microphone with DincX Noise Suppression (PMMN4135_, PMMN4136_, PMMN4141_, PMMN4142_) User Guide en-US fr-CA es-LA pt-BR ui-UA DECEMBER 2023 © 2023 Motorola Solutions, Inc. All Rights Reserved. MN009708A01-AB	**MOTOROLA SOLUTIONS PMMN4135 Remote Speaker Microphone with DincX Noise Suppression** [pdf] User Guide PMMN4135 Remote Speaker Microphone with DincX Noise Suppression, PMMN4135, Remote Speaker Microphone with DincX Noise Suppression, Microphone with DincX Noise Suppression, DincX Noise Suppression, Noise Suppression, Suppression

References

- [**User Manual**](#)