

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

ATTENTION

Before using this product, read the RF Energy Exposure and Product Safety Guide that shipped with the radio which contains instructions for safe usage and RF energy awareness and control for compliance with applicable standards and regulation.

This device complies with part 15 of the FCC Rules and Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This class B digital apparatus complies with Canadian ICES-003.

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.

RSM Models

Part Number	Description
PMMN4152_	Without Channel Knob RSM
PMMN4152_BLK	
PMMN4154_	Channel Knob RSM
PMMN4154_BLK	

XVE500

IMPRES Remote Speaker Microphone with DincX Noise Suppression

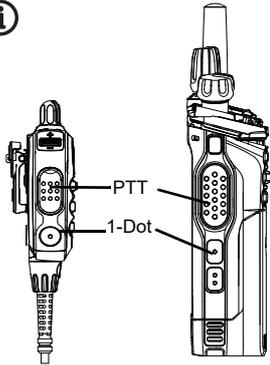
(PMMN4152_, PMMN4152_BLK, PMMN4154_, PMMN4154_BLK)



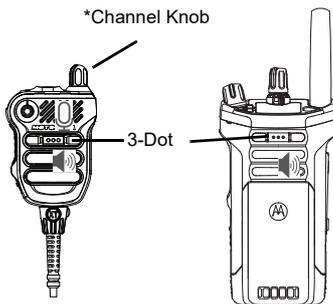
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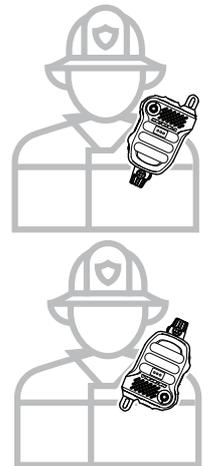
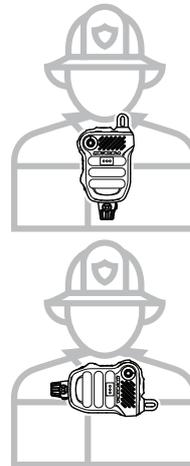
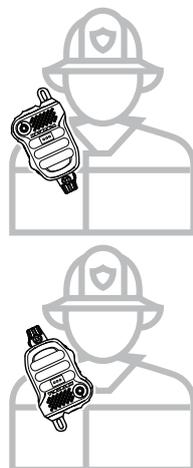
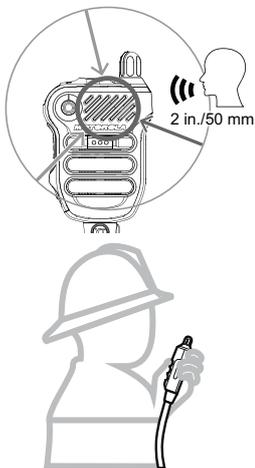
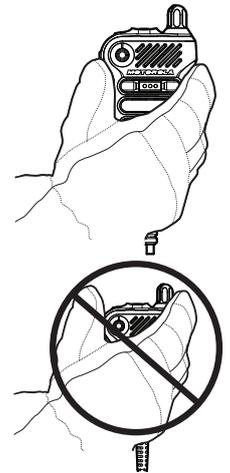
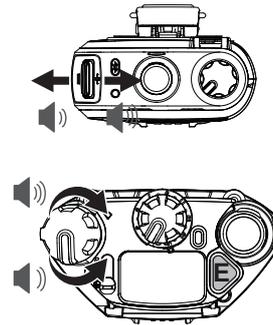
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Note: Programmable buttons can be configured to other functions different than the same button on the radio. Refer to radio user manual for more information

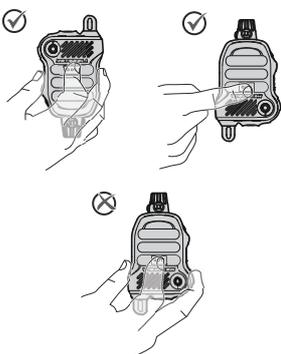


*Only applicable to PMMN4154_, PMMN4154_BLK



Best Transmit Practices

- Hold the XVE500 1–2 inches from mouth or SCBA voice port.
- Speak in a loud, clear and controlled voice.
- Speak louder than the background noise.
- When practical, shake the XVE500 to clear water before transmitting.



Attaching the RSM to Your Radio

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.

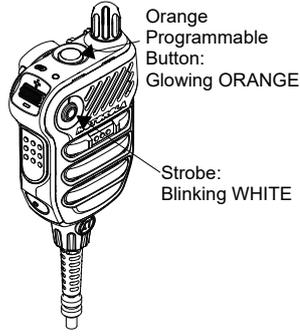
Light Indicators

State	Light	Indication
Powering Up	Strobe	Red LED illuminates until system initialization complete followed by blinking in white once
	Radio Status Indicator (LED)	Red LED blinks once
	Orange Programmable Button	Orange LED blinks once

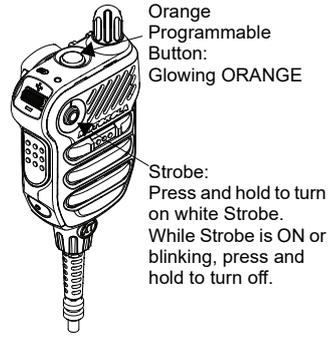
State	Light	Indication
Emergency	Strobe	White LED blinks in SOS pattern
	Orange Programmable Button	Orange LED solid ON
Error	Strobe	Red LED solid ON
Radio low battery detected when torch light is ON	Strobe	White LED blinking slowly followed by turning off

Note: Refer to radio user manual for more details and other states.

Emergency Indicators



To Disable Strobe:

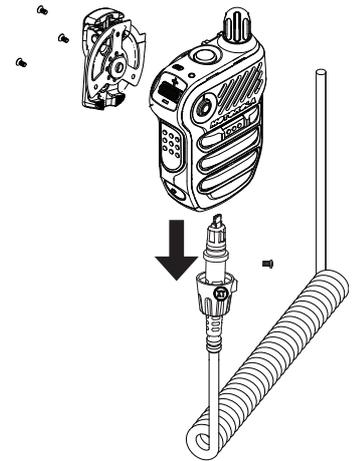
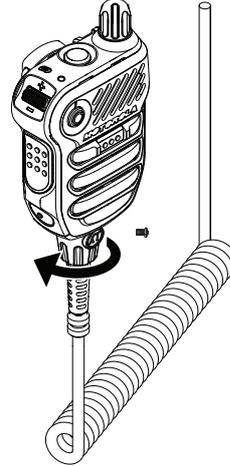
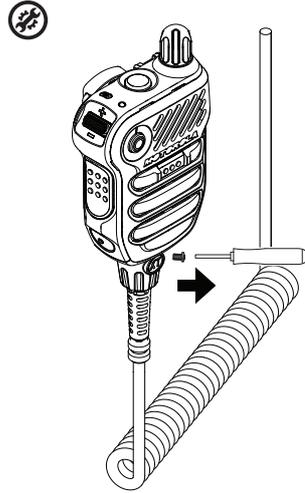
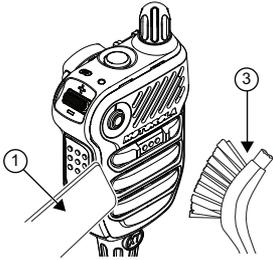


Cleaning Procedure

Warning:
Do **NOT** use solvents to clean your 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, follow the next procedures:

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.



Replacement Parts and Accessories

Part Number	Description
CB001138A01	Extreme Temperature Replacement Cable
PMLN7633	Replacement Clip
PMLN7653	Replacement Knob

Notes

RSM Firmware Upgrades Notice

- Radio checks the RSM firmware version automatically after power up.
- Older RSM firmware will be upgraded automatically through the radio.
- RSM firmware upgrade process takes less than 20 seconds to complete.
- During firmware update, all buttons except PTT will not function and RSM power up light may blink.
- The power up light turns off to indicate that the RSM enters normal operation mode.

Notes

Radio Firmware Requirement

- XVE500 Remote Speaker Microphone (RSM) is only compatible with the following radio firmware version and later:
- APX Radios: R30.00.00
 - APX Next Radios: R04.70.00

Notes

Refer to manual MN009526A01 for other languages at:

<https://learning.motorolasolutions.com/user-guide/82004enus>



Notes