



# WM500 WIRELESS PoC REMOTE SPEAKER MICROPHONE

When you're working in highly mobile, hands-on industries, you need quick and easy access to PTT applications on your radio or smartphone. The WM500 is uniquely designed to give you the simplicity and security you need to perform your job efficiently and effectively. The WM500 wireless remote speaker microphone is our thinnest yet, and is built with an internal battery that lasts up to 25 hours so you can remain focused on the task at hand.

Windporting technology allows you to communicate clearly in difficult weather by eliminating the whining and howling sounds of wind blowing across your remote speaker microphone while preventing water from clogging the microphone. The result is clearer transmissions. A 3.5mm earpiece jack provides you the flexibility to receive audio communications more effectively.

Designed for durability, this RSM is rated IP67 meaning it can withstand immersion for at least 30 minutes and is completely dust-tight.

## BRING YOUR OWN DEVICE

Motorola's first wireless RSM compatible with PTT-over-cellular applications. The WM500 has been tested and works with the KODIAK broadband PTT platform, which is used by major wireless carriers – including AT&T, Bell Canada, Sprint, and Verizon – as well as WAVE, our carrier-independent broadband PTT service.

## KEEP YOUR PHONE "IN YOUR POCKET"

Leave your phone in your pocket while retaining access to key PoC functionality. Located at your shoulder, the RSM enables you to conveniently send and receive audio calls, change talkgroups, reach features using shortcuts, and set up to four operational status messages. Essentially, the RSM serves as a wearable speakerphone for your cellular phone or PTT device.



## BEST-IN-CLASS AUDIO QUALITY AND PERFORMANCE

Designed to reduce distortion, cancel background noise and suppress device feedback, the RSM ensures you can hear and be heard. Superior Enhanced Full Duplex™ Wideband audio performance in PTT over cellular provides clear audio and eliminates the need to wait turns before speaking. A strategically placed microphone ensures you will be heard clearly, regardless of wear.

## DISCREET LISTENING

Use the 3.5mm jack to receive audio discreetly while plugging in a compatible earpiece accessory for private and confidential messages.

## RUGGED AND WATERPROOF

The WM500 is rated IP67: dust-tight and submersible. Enhanced water drainage and top quality materials to withstand the toughest working conditions.





## SPECIFICATIONS

### WM500 WIRELESS PoC REMOTE SPEAKER MICROPHONE

|                                |                                  |
|--------------------------------|----------------------------------|
| Part Number                    | PMMN4127                         |
| Kit Includes                   | USB-A to USB-C for charging      |
| Compatible Radios:             | LEX L11, BYOD Android, TLK 100   |
| Mic Sensitivity                | -16 ±3 dBm0 at 94 dB SPL at 1kHz |
| Speaker Rated Audio/Distortion | 1W @ 15%                         |

### BLUETOOTH

|                             |                          |
|-----------------------------|--------------------------|
| Range                       | 100 meters line of sight |
| BT5.0 and Bluetooth Pairing | Standard 2.0 and NFC     |

### PHYSICAL

|                                 |                                             |
|---------------------------------|---------------------------------------------|
| Dimension (W x L x D)           | 3.15 x 0.96 x 2.26 in (80 x 24.5 x 57.5 mm) |
| Weight (includes RSM and cable) | 4.5 oz (128 +/- 5 g)                        |

### CONTROLS

|        |                        |
|--------|------------------------|
| Top    | Emergency Button       |
| Side   | PTT                    |
| Front  | 4 Programmable Buttons |
| Volume | Up/Down                |

### ENVIRONMENTAL

|                       |                                  |
|-----------------------|----------------------------------|
| Operating Temperature | -20°C to +60°C (+4°F to +140°F)  |
| Storage Temperature   | -55°C to +85°C (-67°F to +185°F) |
| IP Rating             | IP67                             |
| Shock/Vibration       | MIL-STD-810F                     |

### POWER

|                   |                                             |
|-------------------|---------------------------------------------|
| Battery           | 1130mAh                                     |
| Battery Life      | 25 hours (5/5/90 working period)            |
| Charge Time       | Approximately 2 hours                       |
| Operating Voltage | 3.6V DC                                     |
| Type Acceptance   | CE, RED, FCC/IC, EPP2, EME, CMM, WEEE, EFUP |

### ADD-ON ACCESSORIES & REPLACEMENT PARTS

|                                                    |          |
|----------------------------------------------------|----------|
| 3.5 mm Receive-Only Earpiece with Translucent Tube | PMLN7560 |
|----------------------------------------------------|----------|

For more information about accessories, visit: [www.motorolasolutions.com/WM500](http://www.motorolasolutions.com/WM500)



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