



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
Bluetooth Version	5.0
Bluetooth Pairing	BT Standard pairing, 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
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For more information about accessories, visit: www.motorolasolutions.com/WM500



Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. motorolasolutions.com

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