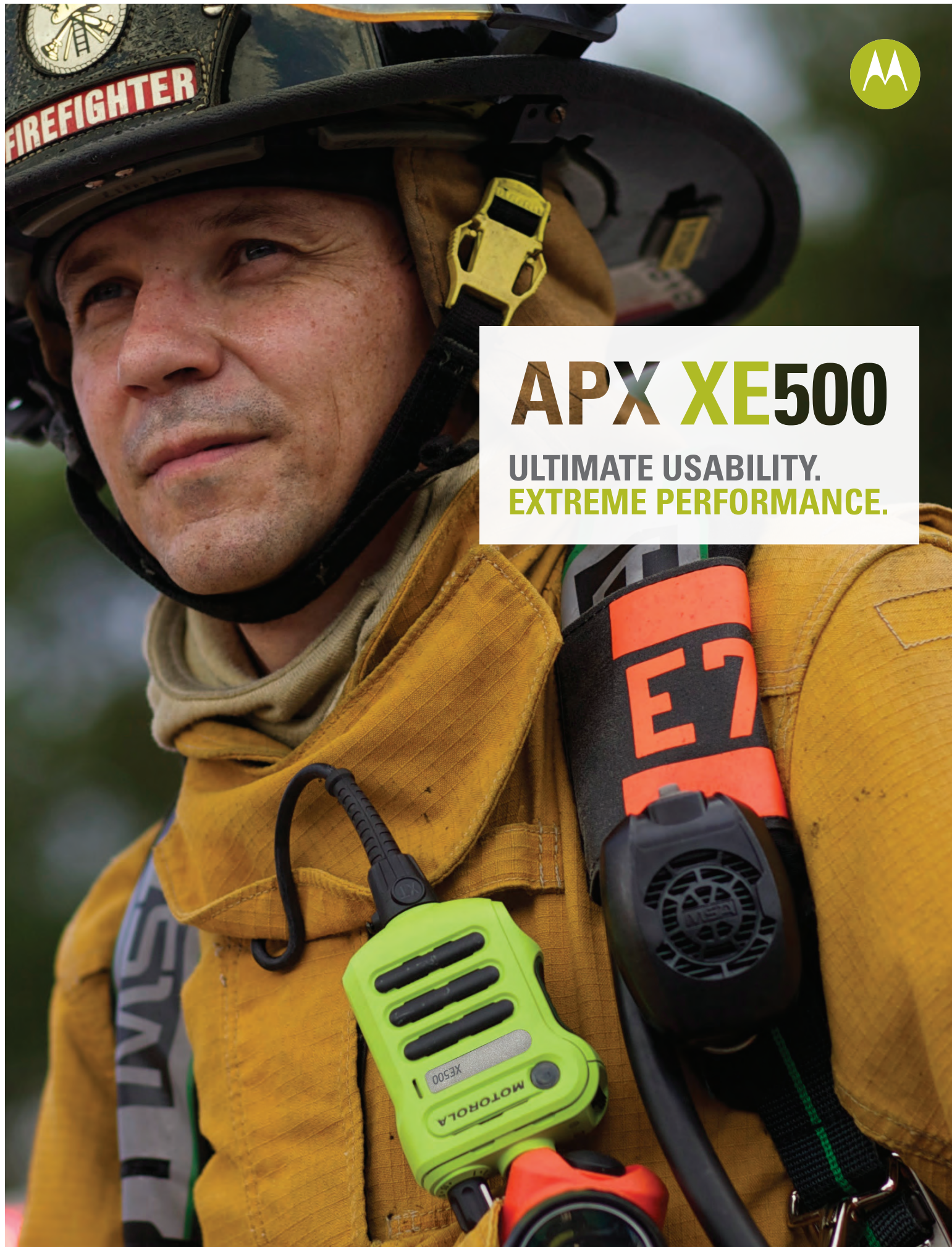




# APX XE500

ULTIMATE USABILITY.  
EXTREME PERFORMANCE.







## APX™ XE500 REMOTE SPEAKER MICROPHONE

### KEY FEATURES

- Channel Knob
- High Visibility Strobe Light
- Adaptive Audio Engine
- IP68, 2 Meters, 4 Hours Submersion
- Heat Resistant Housing and Cable
- Orange Illuminated Emergency Button
- Transmit / Receive LED

### DESIGNED FOR THE MISSION. ENGINEERED FOR THE EXTREME.

The APX 8000XE is redefining mission critical communications by delivering an ultra-durable radio that combines limitless interoperability, loud audio and seamless WiFi connectivity. With its ultimate usability and extreme performance, the APX XE500 Remote Speaker Microphone (RSM) is the perfect companion to the APX 8000XE.



### ENHANCED CONTROLS

#### Designed for the mission

The XE500 RSM is an evolution of the XE RSM platform and like its predecessor was designed with the user's extreme environment in mind. From the exaggerated knobs and controls that are easy to operate with bulky gloves to the asymmetrical shape that makes it easier to find the controls without looking.

The XE500 RSM features a designated Channel Knob that has been designed to mimic the Channel Knob of the radio. With the same fit and feel, firefighters can easily change channels when their radios are worn under their turnout coat.



### ADAPTIVE AUDIO ENGINE

#### Hear and be heard

XE500 RSM utilizes 5 integrated microphones and an Adaptive Audio Engine. Similar to the radio, it automatically changes the level of noise suppression, microphone gain, windporting and speaker equalization to produce clear and loud audio in any environment.



### FLEXIBLE WEARING

#### Wear it anyway you want

The strategic placement of the microphones and enhanced water drainage provide users with the flexibility to wear it straight, upside down and even sideways while still delivering loud and clear audio.



## EXTREME PERFORMANCE

### Rugged, robust, reliable

Whether you are in the heat of a fire or exposed to extreme weather conditions, the XE500 will keep you connected to your team. This RSM was designed to withstand heat exposure of 500°F (260°C) for up to 5 minutes. Built as a system, the APX 8000XE and the XE500 have been tested to meet IP68 (2 meter, 4 hours) submersibility specifications.

**D-RING LOOP**

**360° CLAMPING CLIP**





## APX XE500 REMOTE SPEAKER MICROPHONE SPECIFICATIONS\*

### PORTABLE MILITARY STANDARDS 810 C, D, E, F & G

	MIL-STD 810C		MIL-STD 810D		MIL-STD 810E		MIL-STD 810F		MIL-STD 810G	
	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.
Low Pressure	500.1	I	500.2	I	500.3	II	500.4	II	500.5	II
High Temperature	501.1	I, II	501.2	I/A1, II/A1	501.3	I/A1, II/A1	501.4	I/Hot, II/Basic Hot	501.5	I/A1, II/A2
Low Temperature	502.1	I	502.2	I/C3, II/C1	502.3	I/C3, II/C1	502.4	I/C3, II/C1	502.5	I/C3, II/C1
Temperature Shock	503.1	I	503.2	I/A1C3	503.3	I/A1C3	503.4	I	503.5	I/C
Solar Radiation	505.1	II	505.2	I	505.3	I	505.4	I	505.5	I/A1
Rain	506.1	I, II	506.2	I, II	506.3	I, II	506.4	I, III	506.5	I, III
Humidity	507.1	II	507.2	II	507.3	II	507.4	Only 1 Proc	507.5	II/Aggravated
Salt Fog	509.1	I	509.2	I	509.3	I	509.4	Only 1 Proc	509.5	Only 1 Proc
Blowing Dust	510.1	I	510.2	I	510.3	I	510.4	I	510.5	I
Blowing Sand	Only 1 Proc	Only 1 Proc	510.2	II	510.3	II	510.4	II	510.5	II
Immersion (Delta-T)	512.1	I	512.2	I	512.3	I	512.4	I	512.5	I
Vibration	514.2	VIII/F, Curve-W	514.3	I/10, II/3	514.4	I/10, II/3	514.5	I/24	514.6	I/24
Shock	516.2	I, III, V	516.3	I, V, VI	516.4	I, V, VI	516.5	I, V, VI	516.6	I, V, VI
Shock (Drop)	516.2	II	516.2	IV	516.4	IV	516.5	IV	516.6	IV

### MIC ACOUSTICS

Microphone Type	5 integrated microphones with Adaptive Audio and windporting
Sensitivity (@ 1 inch)	-42dBV typical

### SPEAKER

Rated Power*	2W
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### CONTROLS

Channel	YES
Toggle Switch	Single step
Side Button	Push-to-talk button
Top Button	Orange button
Side Button	One programmable button
Front Button	One strobe light control

### ENVIRONMENTAL SPECIFICATIONS

Operating Temp	-40 Degree Celcius to +85 Degree Celcius -30 Degree Celcius for Bluetooth
Humidity	90-95% relative humidity at +50 Degree Celcius for 8 hours
ESD	IEC/EN61000-4-2
Hazardous Certification	The APX 8000XE and XE500 support the following certifications for hazardous locations including: ANSI/ISA-12.12.01-2015 CAN/CSA C22.2 NO. 213-15, Nonincendive Electrical Equipment for Use in Class I, Division 2, Groups A, B, C, D; Class II, Division 2, Groups F, G; Class III, Division 2.
IP Rating	IP68
Weight in grams	336
Size in mm without clip	75 x 98 x 33
MIL Specs	Meets MIL810F and G for Rain, Salt/Fog, Dust, Vibration and Mechanical Shock

### PART NUMBERS AND RADIO COMPATIBILITY

PMMN4106A	XE500, high impact green, channel knob
PMMN4106ABLK	XE500, black, channel knob
Radio Compatibility	APX 8000XE


\*All specifications are subject to change.

For more information, please visit: [www.motorolasolutions.com/XE500](http://www.motorolasolutions.com/XE500)

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**APX™ 8000XE  
ALL-BAND  
P25 PORTABLE RADIO**

The APX 8000XE is redefining mission critical communications by delivering an ultra-durable radio that combines unlimited interoperability, loud audio, and secure WiFi connectivity.

**UNLIMITED MOBILITY.  
EXTREME PERFORMANCE.**