





### 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.



### Hear and be heard

The XE500 RSM utilises 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 equalisation to produce clear and loud audio in any environment.



# Wear it any way 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.



#### **APX XE500 REMOTE SPEAKER MICROPHONE SPECIFICATIONS\***

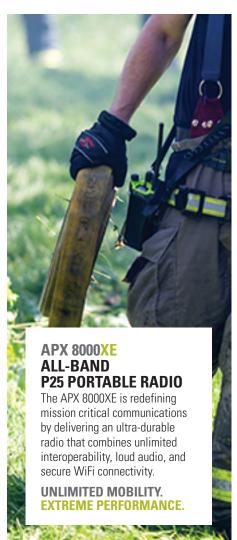
<b>PORTABLE MILITA</b>	ORTABLE MILITARY STANDARDS 810 C, D, E , F & G									
	MIL-STD 810C		MIL-STD 810D		MIL-STD 810E		MIL-STD 810F		MIL-STD 810G	
	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.
Low Pressure	500.1	I	500.2	I	500.3	II	500.4	II	500.5	II
High 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	1, 11	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	1	509.3	1	509.4	Only 1 Proc	509.5	Only 1 Proc
Blowing Dust	510.1	1	510.2	I	510.3	1	510.4	I	510.5	1
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	1	512.2	I	512.3	1	512.4	I	512.5	1
Vibration	514.2	VIII/F, Curve-W	514.3	I/10, II/3	514.4	I/10, II/3	514.5	1/24	514.6	1/24
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

Microphone Type	5 integrated microphones with Adaptive Audio and windporting					
Sensitivity (@ 1inch)	-42dBV typical					
SPEAKER						
Rated Power*	2W					
CONTROLS						
Channel	YES , 16 Position Knob					
Volume Toggle	Single up/down steps in 10 intervals					
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 Degrees Celcius to +85 Degrees Celcius					
Heat Rating	1. NIST Class I, II, III, IV compliant for cable and RSM head					
Humidity	2. 950 Degree Celsius 10 seconds passed for RSM head 90-95% relative humidity at +50 Degree Celcius for 8 hours					
ESD	IEC/EN61000-4-2					
IP Rating	IP68 (2 metres, 4 hours submersion)					
Weight in grams	347					
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					
	LITY & HAZARDOUS CERTIFICATION					
Hazardous Certified Radios	The XE500 is UL Certified with the following UL Certified and compatible radios**: APX 8000XE, APX 6000, APX 6000XE, APX 6000Li, APX 7000, APX 7000XE, SRX 2200					
Non Hazardous Certified Radios	The XE500 is compatible with the following radios but does not meet UL certification: APX 8000, APX 8000XE, APX 6000, APX 6000XE, APX 600XE, APX 60					
FM Certified Radios	The XE500 is not FM approved. Although it will work with legacy FM approved radios, due to FM changes, Motorola will not be able to FM approve the XE500 RSM.					
PART NUMBERS						
PMMN4106	XE500, high impact green, channel knob					
PMMN4106BLK	XE500, black, channel knob					

## For more information, please visit: www.motorolasolutions.com.au

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- \*All specification are subject to change.
  \*\* For detailed hazardous location rating see

