



EVERYDAY TOUGHNESS, TAKEN FURTHER

# APX™ XE REMOTE SPEAKER MICROPHONE

In the heat of action, you have to talk and hear clearly above the commotion. As smoke pours and fire spreads, you can't afford to fiddle with a radio or second-guess your radio communications.

Firefighter safety is critical to us. We teamed up with first responders around the world to develop a rugged remote speaker microphone (RSM) that complements our APX 7000XE and 6000XE radios and withstands the harshest conditions.

The APX XE RSM is part of our complete portfolio of fire-specific radios and accessories, with ultra-rugged features, advanced ergonomics and special innovations to improve responder safety. From exaggerated controls to exceptional noise suppression, it's made for the noisiest, nastiest days.

## THE RIGHT FIT AND FEEL FOR FIREFIGHTING

Everything about the XE RSM is designed for easy use on the fireground. From exaggerated controls you can operate with bulky gloves to an asymmetrical shape so you can find the controls you need without looking.

Feel how the XE RSM fits comfortably in your hand and discover the difference extreme ergonomics make. The large emergency button that's easy to locate, but shielded so it's not accidentally activated. The prominent push-to-talk button that is easy to find and press with gloves on. The easily accessible, programmable buttons and a

volume switch on the corner of the RSM that "rocks up and down" to distinguish it from other controls.

## SEE WHAT EXTREME REALLY MEANS

The XE RSM works alongside you in heavy smoke and hot conditions. Available in three different housing colors to meet your specific needs and includes a large metal D-ring that flips up or down so you can attach it any way you want on your turnout gear. A high visibility strobe light activates when the emergency button is pressed, this strobe has been verified by firefighters in training conditions to be visible in smoke up to 10 feet. And if the RSM gets sprayed with a hose or dropped in a pool of water, you'll see what rugged specs and a unique water-draining speaker design really mean.

## NOISE SUPPRESSION AT ITS BEST

The XE RSM is the first accessory with dual microphones that locate the talker and cancel out background noise. It suppresses noise so effectively, you can be heard in the loudest environments –over roaring fire, pumper trucks and wailing sirens.

A large speaker delivers the loudest, clearest accessory audio available – 50% louder and clearer than our existing XTS RSMs –so transmissions are clear and intelligible, not distorted or garbled. And because the XE RSM leverages the exceptional noise suppression technology of our best-in-class APX radios, you can be heard and be clearly understood in all types of extremes.



NNTN8203\_YLW



NNTN8203



NNTN8203\_BLK

# XE 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	II	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

## MICROPHONE ACOUSTICS

Model Type	Dual microphone noise canceling technology
Sensitivity	-42dBV typical
Distortion (THD)	< 3% from 300 to 3200Hz

## SPEAKER ACOUSTICS

Diameter	45mm
Nominal Output Level (@ 1kHz, 0.5W, 30cm)	90dB SPL
Maximum Output Level (@ 1kHz, max volume, 30cm)	97dB SPL
Frequency Response	300 - 3200Hz
Distortion (THD)	< 15% (RX)

## BODY

Dimensions (W x L x D)	75mm x 100mm x 33mm (without clip)
Weight	265 grams

## POWER

Power Source	Radio battery
Radio Battery Life Impact	10% reduction 5/5/90 duty cycle (without the strobe)

## CABLE

Length	6-foot coiled cord
Flex Life	50,000 cycles
Pull Strength	40lbs, minimum tensile, in-line

## CONTROLS

Volume	Single up/down steps in 10 intervals
Top Button	Orange programmable button
Side Buttons	Push-to-talk and one programmable button
Front Buttons	One strobe light control

## ENVIRONMENTAL SPECIFICATIONS

Operating Temp	-30 C to +60 C
Storage Temp	-55 C to +85 C
Humidity	MIL-STD 507.x PROC. II
ESD	IEC/EN61000-4-2
Water and Dust Intrusion	IP67 and MIL-STD's noted above
Immersion (Delta-T)	MIL-STD 512.X/I
Intrinsic Safety Rating	FM

## REPLACEMENT PART NUMBERS

NNTN8271AS	Replacement clamping clip and D-ring
30009402001	Replacement coiled cable with screw

## PART NUMBERS

NNTN8203	High Impact Green Housing
NNTN8203_BLK	Black Housing
NNTN8203_YLW	Public Safety Yellow Housing

**COMPATIBLE RADIOS:  
APX 7000, APX 7000XE,  
APX 6000, APX 6000XE**

**Requires APX radio  
firmware version R07.00.00  
and later.**

For more information on how we've taken everyday toughness even further, visit [motorolasolutions.com/apx](http://motorolasolutions.com/apx)

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All specifications subject to change without notice

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