



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 so 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. Whether it's 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 nubby so you can

find it with gloves on. 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. A large D-ring clip flips up or down so you can attach it any way you want on your turnout gear. Not only is this RSM bright green for high visibility, a strobe light activates when the emergency button is pressed, casting light up to 10 feet in thick smoke. And if the RSM gets sprayed with a hose or dropped in a pool of water, you'll see what rugged specs (IP68 submersibility) 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.



XE REMOTE SPEAKER MICROPHONE

PART NUMBER: NNTN8203

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)	90dB SPL
Maximum Output Level (at max volume, 1 kHz)	97dB SPL, nominal
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 on 5/5/90 (without the strobe)

CABLE

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

CONTROLS

Display	None
Volume	Single up/down steps in 16 intervals
Top Button	Orange button
Side Buttons	One programmable
Front Buttons	One strobe light control

ENVIRONMENTAL SPECIFICATIONS

Operating Temp	-30 C to +60 C
Storage Temp	-55 C to +85 C
Thermal Shock	-57 C to +80 C
Humidity	90-95% relative humidity at +50 C for 8 hours
Rain	MIL810G Method 506.5
Salt/Fog	MIL810G Method 509.5, Procedure 1
Dust	MIL810G Method 510.5, Procedure 1
Vibration	MIL810G Method 514.6, Procedure 1, Category 24
Mechanical Shock	MIL810G Method 516.6, Procedure 1
ESD	IEC/EN61000-4-2
Intrinsic Safety Rating	FM
IP Rating*	IP68

REPLACEMENT PART NUMBERS

NNTN8271	Replacement clamping clip and D-ring
3075336B17	Replacement coiled cable

COMPATIBLE RADIOS: ALL APX PORTABLE RADIOS

For more information on how we've taken everyday toughness even further, visit motorolasolutions.com/apx

Motorola Solutions, Inc.
East Algonquin Road Schaumburg, Illinois 60196, U.S.A. 800-367-2346
motorolasolutions.com

MOTOROLA, MOTO, MOTOROLA SOLUTIONS and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners. © 2011 Motorola Solutions, Inc. All rights reserved.

All specifications subject to change without notice

* Rugged accessories (IP68) exceed industry standard (IPx7) for submersibility and provide a higher level of water protection—MIL810E, Method 512.3 Immersion. These accessories meet the incremental requirement of submersion in 1 meter of fresh water that is 27C colder than the product.

R3-1-2049

