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