



## MX416 Long Range Wireless Digital Microphone

### Other Applications:

- ♦ Two-way audio link
- ♦ Speakerphone
- ♦ Intercom
- ♦ PA system and wireless loudspeakers
- ♦ Interoperability systems
- ♦ Call boxes

### DESCRIPTION

The MX416 is a secure digital wireless two-way audio link. Its miniature and lightweight enclosure includes an internal rechargeable battery.

Operating frequency: UHF from 460MHz to 960MHz, offering over 1,000 channels at the same location. Diversity enables robust communication in non-line-of-sight applications.

Smart automatic control: Frequency equalizer. Remote on/off and gain control. RF frequency synthesizing and power control.

KISS design: Only manual control is an On/Off switch.

### MX416 FEATURES

- ♦ Built-in microphone
- ♦ Acoustic echo and noise cancellation.
- ♦ Audio compression to G.729
- ♦ On/Off and Gain control via receiver.
- ♦ Range: urban area - 1000 feet non-line-of-sight.  
open space - Four miles line-of-sight.
- ♦ Six hours of on-time per charge.

### OPTIONAL FEATURES

- ♦ External headset/microphone
- ♦ Voice cancellation
- ♦ Voice recorder (two hours)
- ♦ Push to talk (PTT)
- ♦ Knock down sensor/Panic button
- ♦ Internal loudspeaker
- ♦ Encryption/FIPS140-2/FIPS197
- ♦ GPS
- ♦ Bluetooth
- ♦ Vital signs telemetry