



## 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