

# **EVADE**<sup>®</sup>



## *THE RIGHT PATH FOR YOUR COMMUNICATIONS*

### **01** WHAT IS **EVADE**

**EVADE** is a new generation of full-duplex intercoms designed for professional teams that require clear hands-free communication. A complete **EVADE** system allows up to 16 users to speak simultaneously within a range of 300 meters. They don't require cables, backpacks, or a base station, instead, a special "**MASTER**" headset manages digital signals. With the "**CMOD**", you can connect up to 32 people at the same time. The **EVADE** headset uses frequency-hopping

### **02** TECHNOLOGY

**EVADE** headphones owe their name to a digital operating system called Frequency Hopping. The compact digital radio built into the headset continuously monitors the environment and automatically switches to free channels whenever necessary to easily avoid interference. This clever engineering is a military technique that bypasses or "evades" other wireless systems and provides crystal clear communication.

# Features | Specifications

## *Features*

### **excellent performance**

Range up to 350 meters

### **The radio is installed inside the earpiece**

No cables or beltpacks

### **Li-Poly batteries**

Provide 8-hour continuous operation and are field replaceable

### **Auto-mute microphone**

Silences when in perpendicular position

### **Volume control**

Simple, press up/down buttons

### **Sealed for use outdoors in inclement conditions**

light industrial design

Can be worn comfortably during an 8 hour work shift

### **On-site programmable**

Start small and add to your system as needed

## *Features*

### **Frequency range**

2407MHz-2475MHz

### **Data speed**

1MBPS

### **Broadband**

150Khz

### **Channel spacing**

1MHz

### **Modulation type**

GFSK

### **Antenna gain**

0db

### **Duplex**

Time Division Duplex (TDD)

### **Voice coding**

ADPCM/16kbit/s

### **RF access**

Time Division Multiple Access (TDMA)

### **Power supply**

Rechargeable lithium polymer battery @ 3.7v/1000mAH

### **RF output power**

80mW

### **Operating temperature**

0 – +50°C

### **Operating Relative Humidity Range**

30% – 90%

### **Operating current**

110mA

### **Operation time**

8 hours

### **Range**

350m in open space



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