

# EPAK



## The Lazer-Pro Headset – Completely Wireless!

- Connects wirelessly to E-Pak
- Discreet & bone conduction
- Leaves ears free
- IP 65 Rated – Water Resistant
- Volume adjustment located on mic capsule

## E-Pak with Bluetooth Connectivity – No Headset Wires!

The **E-Pak** compact full duplex transceiver provides hands free, simultaneous talk



ation and also includes a second RF module that allows use of lightweight wireless

These lightweight, digital transceivers weigh only 2.5 oz. and can be worn tucked inside a pocket or clipped to clothing. To operate simply snap in a charged Li-poly battery (included), turn the units "ON" and pair with headset. All radios in a system automatically connect providing an open line talking pattern for up to nine users within a 300-yard range (line of sight, terrain dependent).

Frequency Hopping is the name of the specialty wireless protocol utilized by all E-Pak systems to dodge or circumvent interference. Since they only transmit on frequencies that are clear multiple E-Pak systems can easily work in harmony in the same venue and will not interfere with other wireless equipment.

E-Pak feature field programmable circuitry so smaller systems are easily expandable.

- A Mute switch conveniently silences the microphone signal whenever necessary.
- Two pin wired headset jack built into radio chassis.
- Wired style headsets optional.



### General Instruction Booklet

# E-Pak | Features | Specifications

## Features

### Excellent performance

Range up to 300 yards (line of sight, terrain dependent)

### Li-Poly Batteries

Provide continuous 6 hr operation and are field replaceable

### Mic Mute Button

Located on Chassis

### Volume Control

Simple up / down push button adjustment

## **Water resistant**

Silicone sealed for use outdoors in inclement conditions

## **Ergonomic Design**

Wear on belt or in pocket comfortably for an 8 hour work shift

## **Field Programmable**

Start small and add to your system as needed

# ***Specifications***

## **Frequency Range**

2407MHz-2475MHz

## **Data Rate**

1MBPS

## **Bandwidth**

150KHz

## **Channel Spacing**

1MHz

## **Modulation Type**

GFSK

## **Gain of Antenna**

0db

## **Duplexing**

Time Division Duplex (TDD)

**Speech Encoding**

ADPCM/16kbit/s

**RF Accessing**

Time Division Multiple Access (TDMA)

**Power Supply**

Rechargeable Li-polymer Battery @ 3.7v/800mAH

**RF Output Power**

80mw

**Operating Temperature**

0 – +50° C

**Operating Relative Humidity Range**

30% – 90%

**Operation Current**

110mA

**Operation Time**

6h

**Range**

300 yards (line of sight, terrain dependent)

**No FCC License Required**

## **PRODUCTS**

The EVADE Product Line

- EVADE Standard Series

- EVADE E-Pak Series

- EVADE XTreme Series

The UltraLITE Product Line

- UltraLITE Main Series

- UltraLITE HUB Series

Wireless Interface Product Line

- The HUB Interface

- The CMod Interface

Professional Headsets

Global Connect

The Scrambler

TCS Wired System

Clearance

## **APPLICATIONS**

Courtroom

Cycling

Drone UAS

Equestrian

Foodservice / Cafeteria

Marine

Medical

Plant Tours

Production Intercom

RC Racing

Restaurant

Sailing

Tow, Tree Care

Construction

## **PARTS**

EVADE Parts

E-Pak Parts

UltraLITE Parts

The HUB Parts

ComSTAR Parts

The Scrambler Parts

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