



OPTIMUS

SMART TACTICAL HEADSET SYSTEM



MONITOR UP TO 3 OR 4 NETS*

HIGHLY CAPABLE, SMALL, LIGHT WEIGHT SYSTEM

PROVIDES RADIO VOLUME AND CHANNEL CONTROL

20M IMMERSIBLE CONTROL BOX

ELIMINATES CROSSTALK TO SECURE COMMS

ADJUSTABLE MOUNTING CLIPS FOR LEFT / RIGHT HAND PREFERENCE



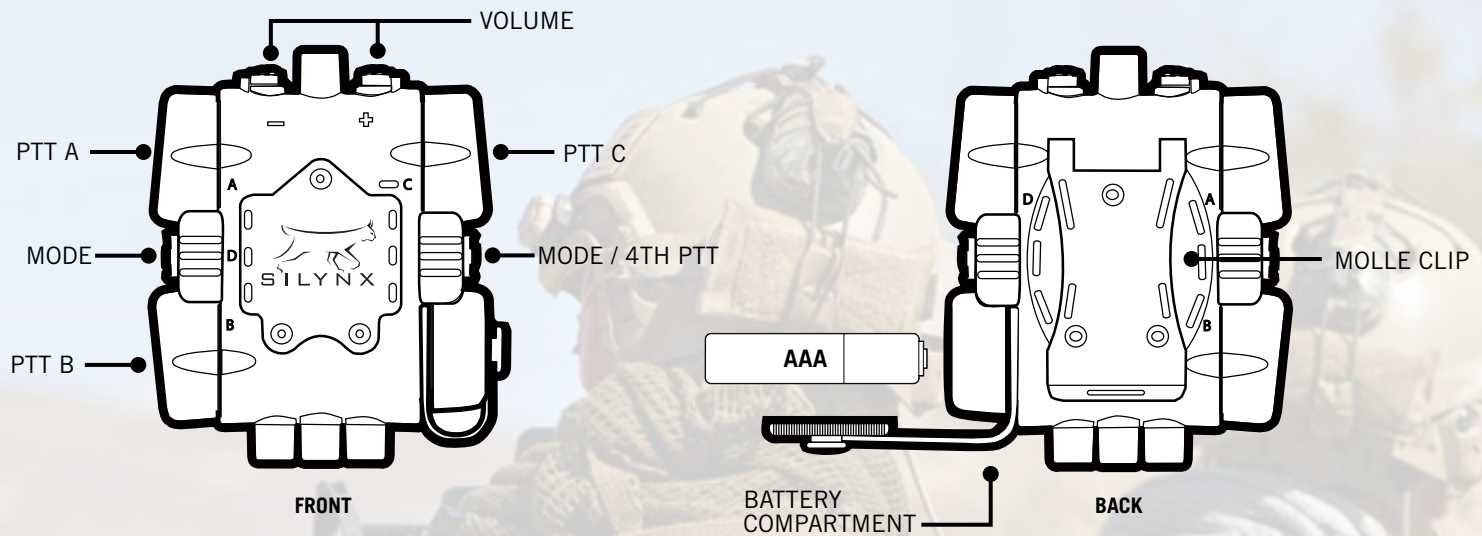
* Requires dual net radio

OVERVIEW

OPTIMUS Smart Tactical Headset

Offering combat proven in-ear hearing protection, the OPTIMUS was designed for more complex ops and users that require either three and four comms capabilities, or the ability to control radio volume and channels from the PTT control box. Mounting clips attach to either face of the unit, so the user can customize the fit and feel, while receiving impulse and steady state noise control, intercom interoperability, clear communications, and sound localization for full situational awareness. OPTIMUS is a highly capable system in a small, lightweight package.

SYSTEM



TECH SPECS

Acoustical Response

Speaker Frequency Spectrum..... 60 Hz to 10,000 Hz
 Sound Pressure Level..... > 115 dB
 Max Audio Input Level..... > 5Vp-p
 Microphone Frequency Range..... 60 Hz to 9,000 Hz
 Audio Input Type..... Single-ended or Differential
 Mic Output Level..... > 3mVrms, 600Ω

Hear-Thru System

Impulse Noise Protection
 Extended Sound Localization

PC Programmer

OS Support..... MS Windows XP, Vista and 7
 Interface..... USB, Serial

Battery Life Expectancy

Internal AAA..... 48 Hours
 Powered from radio at 5V, 15mA

Environmental

Operating Temperature..... -46°C to +72°C
 Storage Temperature..... -46°C to +72°C
 Humidity..... 95%
 Immersion (Control Box)..... 20m for 30min
 Immersion (In-Ear Headset)..... 1m for 30min
Tested to MIL-STD-810G

Dimensions

Control Box 2.4in (W) x 2.6in (L) x 1.0in (H)

Weight

Control Box..... 205g (excluding battery)
 Headset..... 70g

**Specifications are subject to change without notice.*