



# C4OPS<sup>®</sup>

## Gen Next Headset System



**LEAD THE WAY. YOUR OWN WAY.<sup>®</sup>**

This next generation headset system allows the soldier to complete an entire mission from pre-briefing to post mission debrief with one system by providing full-spectrum active noise reduction (ANR), multi platform intercom interoperability, super normal hearing and sound localization for complete situational awareness.



**SMART** – In-Ear Hearing Protection/Enhancement Headset

**VERSATILE** – Modular & Software Upgradeable / Interoperable with Majority of Tactical Radios & Intercom Systems

**EASY** – Tactical MMI/Voice Feedback

**TOUGH** – 20M Immersible & HAHO/HALO Operations

**GPS\*** – Navigation & Force Tracker

**DWPTT<sup>™</sup>** – With Radio Volume & Channel Control



\* Optional Feature

**SILYNX**  
COMMUNICATIONS, INC  
LEAD THE WAY. YOUR OWN WAY.<sup>®</sup>

# C4OPS®



**IN EAR CONFIG**



**LIGHT WEIGHT CONFIG**

## SPECIFICATIONS

### Acoustical Response

Speaker Frequency Spectrum:	60 Hz to 14000 Hz
System Input Impedance:	> 10KΩ
Sound Pressure Level Capabilities:	> 115dB
Max Audio Input Level:	3Vp-p
Microphone Frequency Range:	60 Hz to 9000 Hz
Audio Output Type:	Single-ended
Audio Output Level:	> 3mVrms, 600Ω

### Hear-Thru System

Sound Localization:	360° hear-thru ±18° error for continuous duration sound ±41° error for short duration sound
Noise Reduction Ratio (NRR):	22
Impulse Noise Threshold:	95 dB
Impulse Noise Attack Time:	< 0.1 ms
Impulse Noise Insertion Loss for blasts 150-190 dB:	45 dB (average)
Active Noise Reduction Frequency Range:	20-500 Hz

### PC Programmer

OS Support:	MS Windows Vista, XP, and NT
Interface:	USB, RS232

\* Specifications are subjected to change without notice.

### Battery Life Expectancy

**Control Box:** > 36 hours for 1.5V AA Lithium disposable

**Dual Wireless PTT:** > 1 year for 3.6V ½ AA Lithium disposable

### Environmental

**Operating Temperature:** -40°C to +85°C

**Storage Temperature:** -40°C to +85°C

**Humidity:** 95% at an ambient temperature range +30°C to +60°C

**Altitude:** 40000 ft

**Immersion:** 20 m (Control Box)

**Immersion – In-The-Ear Headset:** 1 m, 2 hours  
2 m, 30 minutes

### Dimensions

<b>Control Box with Battery Compartment:</b>	7.4 cm (2.91 in.) W X 9.5 cm (3.74 in.) L X 2.9 cm (1.14 in.) H
<b>Control Box without Battery Compartment:</b>	7.4 cm (2.91 in.) W X 7.7 cm (3.03 in.) L X 2.9 cm (1.14 in.) H
<b>Dual Wireless PTT:</b>	3.8 cm (1.50 in.) W X 7.4 cm (2.91 in.) L X 2.9 cm (1.14 in.) H

### Weight

<b>Control Box with Battery Compartment:</b>	280 g
<b>Control Box without Battery Compartment:</b>	254 g



**EARMUFF CONFIG**



**COVERT CONFIG**