



C4OPS[®]

Gen Next Headset System



LEAD THE WAY. YOUR OWN WAY.[™]

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[™] – With Radio Volume & Channel Control



* Optional Feature

SILYNX
COMMUNICATIONS, INC
CUT THROUGH THE CHAFF[™]

C4OPS®

CHAFF



IN EAR CONFIG



LIGHT WEIGHT CONFIG

SPECIFICATIONS

Acoustical Response

Speaker Frequency Spectrum:	60 Hz to 8000 Hz
System Input Impedance:	> 10K Ω
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, 600 Ω

Hear-Thru System

Sound Localization:	360° with $\pm 36^\circ$ inaccuracy rate
Noise Reduction Ratio (NRR):	22
Impulse Noise Threshold:	95 dB
Impulse Noise Attack Time:	< 0.1 ms
Active Noise Reduction Frequency Range:	20-500 Hz

PC Programmer

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

Battery Life Expectancy

Control Box:	> 24 hours for 1.5V AA Alkaline > 60 hours for 1.5 AA Lithium > 100 hours for 3.6V AA Lithium disposable
Dual Wireless PTT:	1 year for 3.6V 1/2 AA Lithium disposable

Environmental

Operating Temperature:	-40°C to +72°C
Storage Temperature:	-40°C to +72°C
Humidity:	95% at an ambient temperature range +30°C to +60°C
Altitude:	40000 ft
Immersion:	20 m (Control Box)

Dimensions

Control Box with Battery Compartment:	7.4 cm (2.91 in.) W X 9.5 cm (3.74 in.) L X 2.8 cm (1.10 in.) H
Control Box without Battery Compartment:	7.4 cm (2.91 in.) W X 7.7 cm (3.03 in.) L X 2.8 cm (1.10 in.) H
Dual Wireless PTT:	3.8 cm (1.50 in.) W X 7.4 cm (2.91 in.) L X 2.8 cm (1.10 in.) H

Weight

Control Box with Battery Compartment:	280 g
Control Box without Battery Compartment:	254 g



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* Specifications are subjected to change without notice.

SILYNX
COMMUNICATIONS, INC
CUT THROUGH THE CHAFF™

9901 Belward Campus Drive, Suite 150
Rockville, Maryland 20850 USA

Tel: 1-866-572-6950
Fax: 1-301-217-9322

E-mail: info@silynxcom.com
Web: www.silynxcom.com