



CLARUS WHISPER

SMART TACTICAL NOISE
PROTECTIONS HEADSET SYSTEM



WORLD'S SMALLEST & LIGHTEST TACTICAL HEADSET

TWO MICROPHONE MODES

LEAK TEST TO ENSURE PROPER SEAL

PROPRIETARY IN-EAR MIC. & NOISE PROTECTION

SILYNX "TALKING FROM THE EAR"

SINGLE OR DUAL COMMS

ENHANCED SUPER HUMAN HEARING

SUPPORTS FULL DUPLEX AUDIO

20M IMMERSIBLE CONTROL BOX

PLUG AND PLAY SIMPLICITY



OVERVIEW

CLARUS WHISPER Smart Tactical Headset System

The CLARUS WHISPER is the world’s smallest, lightest, and most advanced dual-comm tactical radio headset system, featuring Silynx’s latest Whisper Mode and automatic Leak Test technology.

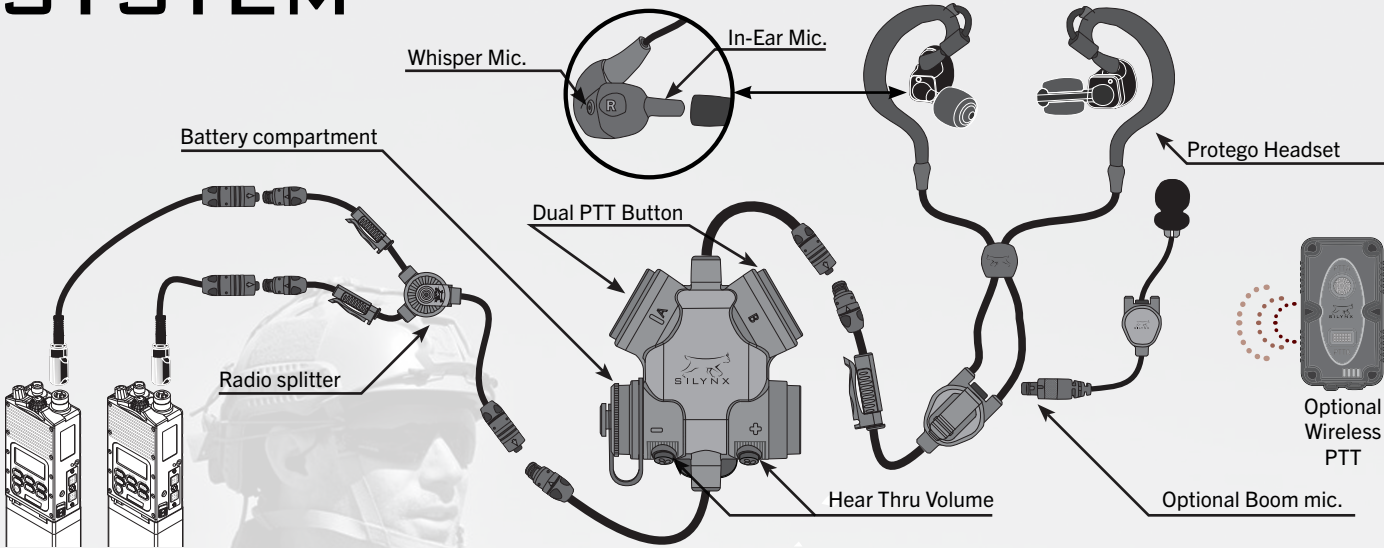
Powered by proven Silynx In-Ear technology, CLARUS WHISPER delivers clear communications and active hearing protection, with “Talking From The Ear” and enhanced superhuman hearing)Hear-Thru (ensuring maximum situational and directional awareness in all environments. Whisper Mode provides clear voice transmission even when speaking softly in quiet environments, while the In-Ear mode (“Talking from The Ear”) provides communications reliability, clarity, and intelligibility in high noise environments.

Leak Test provides immediate feedback on earbud placement, indicating whether a proper seal is achieved for optimal performance and protection.

Internally epoxy-molded for exceptional durability and fully waterproof, CLARUS WHISPER is designed to withstand the toughest operational conditions. Ergonomically engineered for prolonged, comfortable wear, it can operate using either radio power or replaceable batteries.

CLARUS WHISPER supports single or dual comms setups and is fully compatible with tactical radios, smartphones, intercom systems (ICS), and Silynx’s wireless weapon-mounted or palm/finger PTTs for specialized missions.

SYSTEM



TECH SPECS

Acoustical Response

Speaker Frequency Spectrum	60 Hz to 15 ,000 Hz
Sound Pressure Level.....	> 115 dB
Max Audio Input Level.....	3Vp-p
Microphone Frequency Range.....	60 Hz to 9,000 Hz
Audio Input Type.....	Single-ended or Differential
Audio Output Level	> 3mVrms, 600Ω
NRR	30dB

Hear-Thru System

Impulse Noise Protection
Enhanced hearing & Sound Localization

Control System

Sound sealing test
Audio user messages
Right or left ear network allocation

Environmental

Operating Temperature	-40°C to +72°C
Storage Temperature	-40°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.....	2.2in (W) x 2.1in (L) x 0.9in (H)
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Weight

Ear Bud	5g
Control Box.....	119g (excluding battery)
Headset.....	70g

Battery Life Expectancy

Internal AAA	48 Hours
Powered from radio at 5V, 8mA	

**Specifications are subject to change without notice.*