



CLARUS C

SMART COVERT NOISE PROTECTIONS
HEADSET SYSTEM



**WORLD'S SMALLEST & LIGHTEST
SOUND PROTECTION HEADSET SYSTEM**

**SILYNX PROPRIETARY IN-EAR
HEADSETS AND NOISE PROTECTION**

MIMICS MOBILE PHONE HEADSET

ENHANCES SUPER HUMAN HEARING

PTT MIMICS CAR KEY FOB

PLUG AND PLAY SIMPLICITY

IP68 WATERPROOF



OVERVIEW

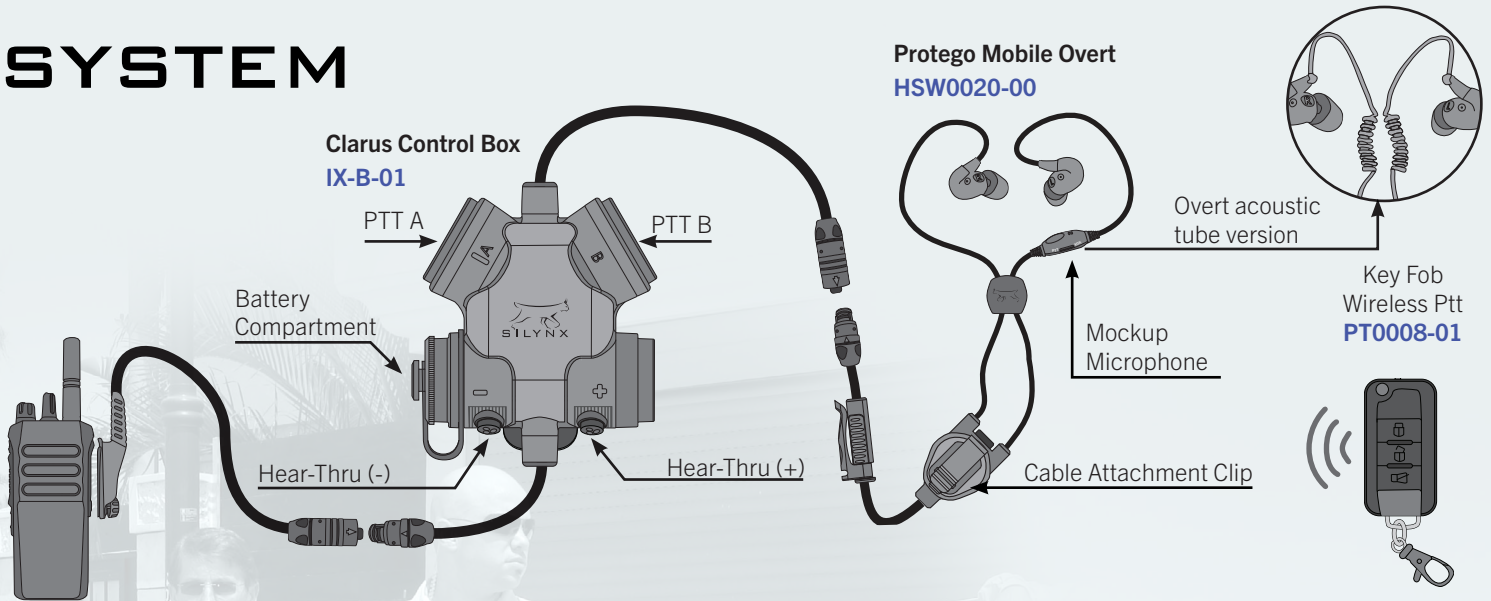
CLARUS C Smart Covert Tactical Headset System

The CLARUS C in-ear headset system is a small, light, covert tactical radio headset system, designed for covert security missions. The radio device and controller are worn under the shirt, the exposed parts of the system mimic civilian cellular phone audio headsets and car key fob (PTT).

Utilizing SilynX proprietary In-Ear headset sound protection technology, users are empowered with superhuman hearing and noise protection from both impulse and steady-state noise, while maintaining full situational and directional awareness. These qualities upgrade the operational effectiveness of the security officer, provide reliable, clear information sharing even in loud noise environment.

The CLARUS C In-Ear system is extremely rugged, fully waterproof, simple to use, and ergonomically designed for comfortable long, continuous usage. CLARUS C system offers two alternative PTT operation methods, controller PTT and SilynX's wireless, car KEYFOB PTT.

SYSTEM



TECH SPECS

Acoustical Response

Speaker Frequency Spectrum.....	60 Hz to 10,000 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
- Network mute option

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-810F

Dimensions

Control Box	2.2in (W) x 2.1in (L) x 0.9in (H)
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Weight

Ear Buds.....	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.