



# CLARUS OVERT

SMART OVERT NOISE PROTECTIONS  
HEADSET SYSTEM



**WORLD'S SMALLEST & LIGHTEST HEAD-  
SET SYSTEM**

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

**MIMICS MOBILE PHONE HEADSET**

**ENHANCES SUPER HUMAN HEARING**

**PTT MIMICS CAR KEY FOB**

**PLUG AND PLAY SIMPLICITY**

**SILYNX PROPRIETARY IN-EAR**





# OVERVIEW

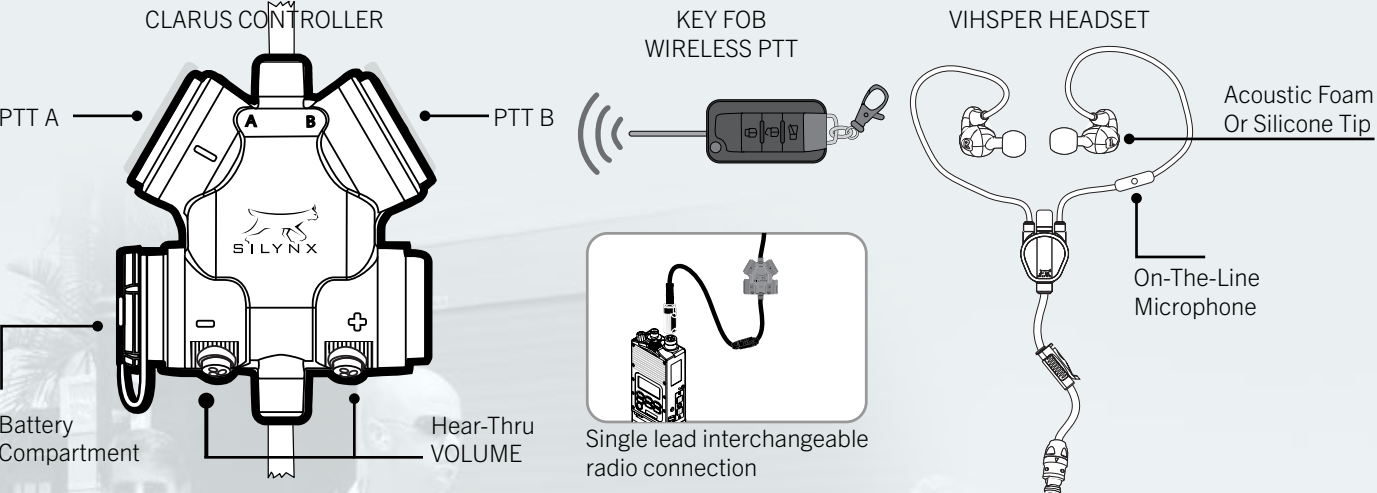
CLARUS OVERT Smart Tactical Headset System

The CLARUS OVERT in-ear headset system is a small, light, PTT tactical radio or full duplex, cellular 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 microphone 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 OVERT In-Ear system is extremely rigid, fully waterproof, simple to use, and ergonomically designed for comfortable long, continuous usage. CLARUS OVERT system offers two alternative microphones options and two PTT operation methods including 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

### 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)

### 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.