



CLARUS

SMART TACTICAL HEADSET SYSTEM



**WORLD'S SMALLEST AND LIGHTEST
TACTICAL HEADSET SYSTEM**

SINGLE OR DUAL COMMS

SUPPORTS FULL DUPLEX AUDIO

FULLY SUBMERSIBLE

PLUG AND PLAY SIMPLICITY

INTERNAL AAA BATTERY



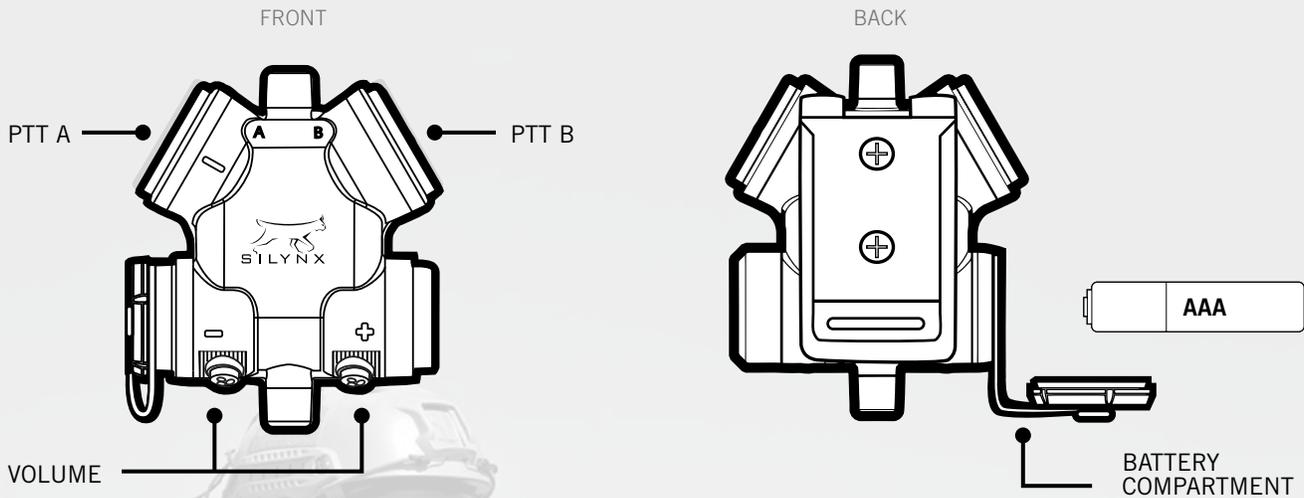
OVERVIEW

CLARUS Smart Tactical Headset System

The CLARUS in-ear headset is the world's smallest and lightest dual-comms tactical headset system. The low-profile CLARUS provides active, combat-proven hearing protection, from both impulse and steady-state noise, and reliable, clear communications. Users can transmit using either an in-ear microphone or boom microphone. Hear-thru technology and sound localization, with user-determined volume settings, ensure that users retain full situational awareness, critical in the combat setting.

The modular CLARUS system supports single or dual comms and is compatible with a wide range of tactical radios, smart phones, and intercom systems (ICS). CLARUS can be powered by tactical radios or its internal AAA battery and can be used for any mission, mounted or dismounted, maritime or airborne. Simple to use, CLARUS is a rugged and dependable headset for the world's most demanding users.

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
 Extended Sound Localization

Battery Life Expectancy

Internal..... 40 Hours AAA
 Powered from radio at 5V, 8mA

Environmental

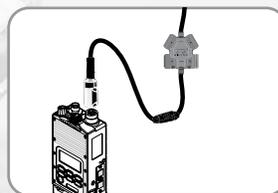
Operating Temperature..... -40°C to +72°C
 Storage Temperature..... -40°C to +72°C
 Humidity..... 95%
 Immersion (Control Box)..... 1m for 30min
 Immersion (In-Ear Headset)..... 1m for 30min
Tested to MIL-STD-810F

Dimensions

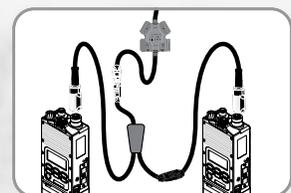
Control Box 2.2in (W) x 2.1in (L) x 0.9in (H)

Weight

Control Box..... 119g (excluding battery)
 Headset..... 70g



Single lead interchangeable radio connection



Dual radio config interchangeable radio connection

**Specifications are subject to change without notice.*