



# CLARUS FX2

SMART TACTICAL HEADSET SYSTEM

FIXED LEAD



**SINGLE COMMS LEO SYSTEM WITH  
IN-EAR MIC**

**PLUG AND PLAY SIMPLICITY**

**FIXED RADIO CONNECTION\***

**ELECTRONIC HEAR-THRU FOR  
FULL SITUATIONAL AWARENESS**

**LEFT OR RIGHT-HANDED PTT FUNCTION**



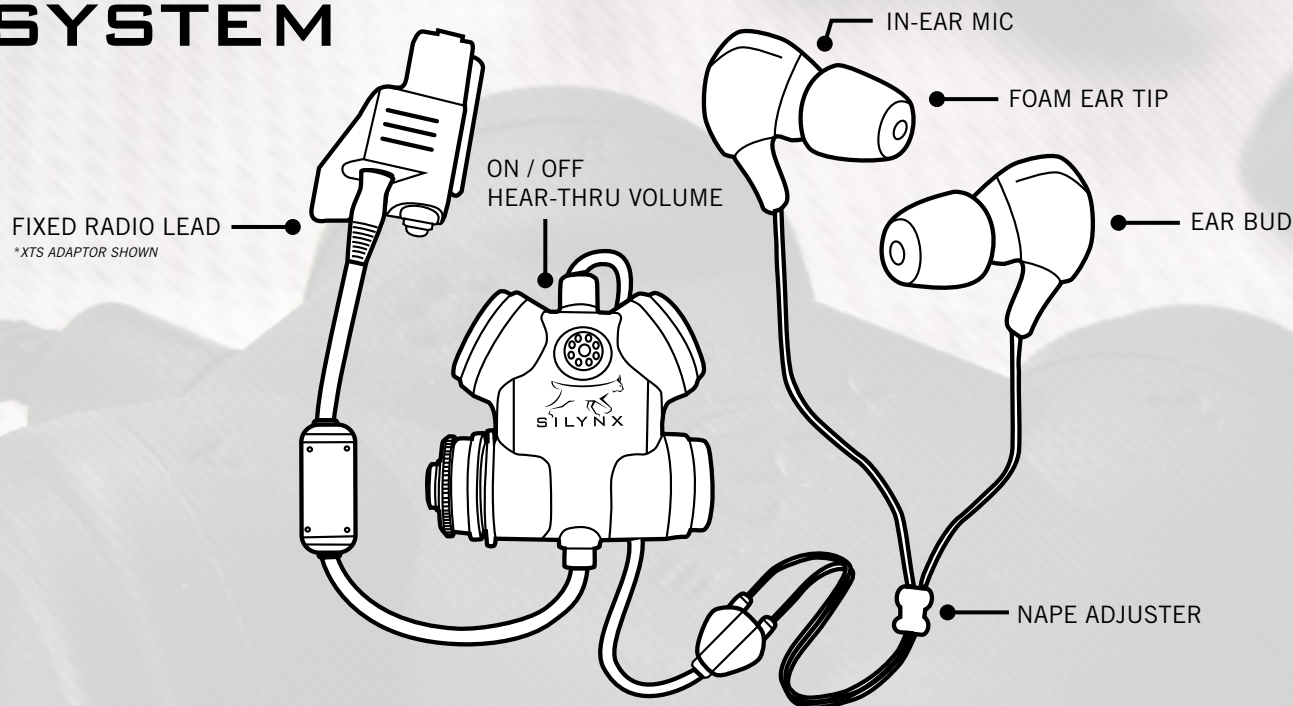
\* Determined at time of purchase

# OVERVIEW

CLARUS FX2 Smart Tactical Headset System

The CLARUS FX2 is a fixed lead system designed specifically for users that demand high quality hearing protection and reliable, clear comms, while using a single radio. A rugged, low-profile in-ear headset with a small PTT unit, the FX2 is simple to use right out of the box. Hear-thru technology and sound localization allow for full situational awareness, keeping users aware of ambient sounds. Powered by either its internal AAA battery or the user's radio, the FX2 pairs a single, permanent radio connection (determined at time of purchase) with combat-proven Silyn timer hearing protection.

## SYSTEM



## TECH SPECS

### Acoustical Response

Speaker Frequency Spectrum..... 60 Hz to 10,000 Hz  
 Sound Pressure Level..... > 115 dB  
 Max Audio Input Level..... > 5Vp-p  
 Microphone Frequency Range..... 60 Hz to 9,000 Hz  
 Audio Input Type..... Single-ended or Differential  
 Mic Output Level..... > 3mVrms, 600Ω

### Hear-Thru System

Impulse Noise Protection  
 Extended Sound Localization

### PC Programmer

OS Support..... MS Windows XP, Vista and 7  
 Interface..... USB, Serial

### Battery Life Expectancy

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

### Environmental

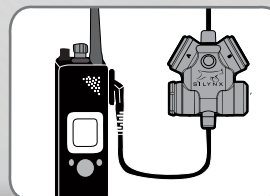
Operating Temperature..... -40°C to +72°C  
 Storage Temperature..... -40°C to +72°C  
 Humidity..... 95%  
 Immersion (Control Box)..... 20m for 30min  
 Immersion (In-Ear Headset)..... 1m for 30min  
*Tested to MIL-STD-810F*

### Dimensions

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

### Weight

Control Box..... 128g (excluding battery & radio connector)  
 Headset..... 70g



Single fixed lead radio connection

\* APX radio shown above

\*Specifications are subject to change without notice.