



CLARUS PRO • LITE

ELECTRONIC HEARING PROTECTION

OVERVIEW

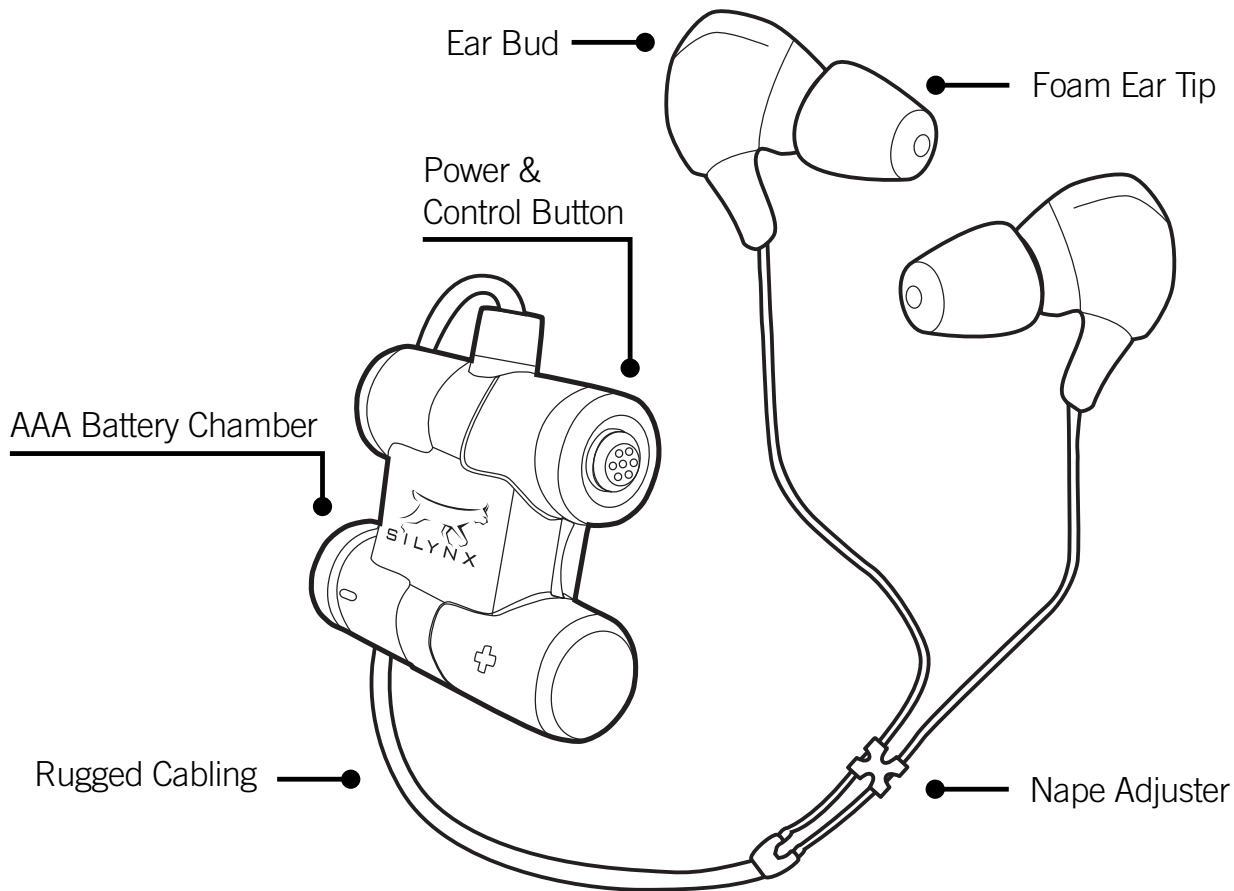
CLARUS PRO LITE is an in-the-ear (ITE) electronic hearing protection / enhancement system built to operate in even the most rugged environments. CLARUS PRO LITE both dampens harmful noise above 85dB while reproducing and enhancing ambient sounds up to 15dB. Combined with its lightweight, ultra low profile design, CLARUS PRO LITE can be worn all day on the range, in a factory or wherever, comfortably. Based on SILYNX's military grade design and construction, SILYNX leveraged its combat proven technologies to defy the convention that electronic hearing protection must be big and bulky or fragile. CLARUS PRO LITE is low-profile and environmentally ruggedized to withstand dirt, mud, water, shock, vibration, and any element that would overcome comparable products.



FEATURES & BENEFITS

- | IN-EAR HEARING PROTECTION
- | AMBIENT SOUND HEAR-THRU
- | HEARING ENHANCEMENT OF LOW INTENSITY SOUNDS
- | MILITARY GRADE CONSTRUCTION
- | STANDARD AAA BATTERY, NOT HEARING AID BATTERIES
- | 25 NRR





TECHNICAL SPECIFICATIONS

Noise Attenuation	25 NRR
Acoustical Response	
Speaker Frequency Spectrum	0 Hz - 20,000 Hz
Sound Pressure Level	>115 dB
Max Audio Input Level	0.7Vp-p
Microphone Frequency Range	60 Hz to 9,000 Hz
Audio Input Type	Single-ended
Hear-Thru System	Impulse Noise Protection Extended Sound localization
Environmental	Military Standard Compliant (MIL-STD-810G)
Power	AAA Alkaline or Lithium
Battery Life	90 Hours
Operating Temperature	-30°C to 55°C
Storage Temp (w/o battery)	-40°C to 71°C
Humidity	MIL-STD-810F
IP Rating	IP67 1m for 30 min

NOISE ATTENUATION DATA

Center Frequency	Mean Attenuation	Group Attenuation	Standard Deviation
125 Hz	32.4 dB	60.6 dB	4.1 dB
250 Hz	28.2 dB		2.8 dB
500 Hz	28.9 dB		3.9 dB
1000 Hz	29.1 dB		2.3 dB
2000 Hz	35.2 dB	168.5 dB	2.6 dB
3150 Hz	37.8 dB		2.8 dB
4000 Hz	37.6 dB		2.9 dB
6300 Hz	43.4 dB	86.6 dB	4.3 dB
8000 Hz	43.2 dB		4.3 dB

ACCESSORIES

- | FOAM EAR TIPS
- | CARRYING POUCH
- | WINDSCREENS
- | LAPEL CLIP

*Specifications are subject to change without notice.