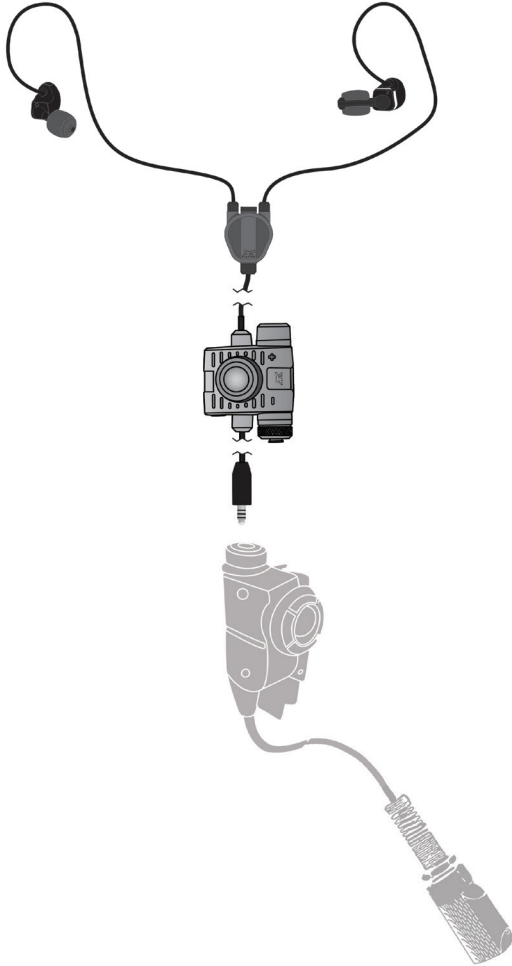


# PANTHER HEADSET



## SYSTEM COMPONENTS



## TECHNICAL SPECIFICATIONS

SYSTEM	
Weight	70g (excluding battery)
Dimensions	2.2" (W) x 1.7" (H) x 0.6" (D)
Headset Connector	NEXUS / MALE, TJ-101
Radio Compatibility	Interoperability with U94 or any control unit with NEXUS Female TJ101 jack
Power	Internal 1.5v AAA Alkaline or Lithium Battery
Battery Life	40+ Hours
ACOUSTICAL RESPONSE	
Speaker Freq Spectrum	60 Hz to 15,000 Hz
Sound Pressure Level	>115 dB
Receiver Type	Dual Balanced Armature
NOISE ATTENUATION	
Hearing Protection	SNR 30 NRR 25dB
ENVIRONMENTAL	
Mechanical Drop	Military Standard Compliant (MIL-STD-810G)
EMI	Military Standard Compliant (MIL-STD-810F)
Operating Temperature	-40°C to 72°C
Storage Temp (w/o battery)	-40°C to 72°C
Humidity	95%
IP Rating	IP67

## OVERVIEW

Panther headset from Silynx has been designed to enable the transition to an in-the-ear tactical headset solution with your existing comms ensemble. Panther is designed to be compatible with any push-to-talk system that is built to accommodate a TJ120 "Nexus" plug, such as the U-94 from a variety of other manufacturers or any other similar PTT configuration. Just remove your over-the-ear muffs from the U-94/PTT and plug in the Panther. That's all. No calibration or configuration required. Panther was built according to military specifications, just like all Silynx products. Use the Panther when those ear muffs become too hot and heavy and you need a solution that's more suited for long-term use, or when team members have a common core PTT solution, but have a preference on their headset.

- › In-ear microphone with Silynx Hear-Thru technology and sound localization.
- › Modular cable with NEXUS or other standard jack to plug into U94-type push-to-talk units.
- › MIL-STD power unit to control hear through sound levels.