



H10-76XL Aviation Headset

FEATURES AND BENEFITS

- Passive Noise-Attenuating and Electronic Noise-Cancelling Air Crew and Ground Crew Headsets for the U.S. Armed Forces, NATO and most airborne command centers
- Designed to provide clear, reliable, mission-critical communications. The headset is built to withstand the rigors of the military aircraft cockpit, while providing maximum comfort and performance to ensure the safety of military aviators
- DC-87 dynamic noise-cancelling microphone MIL-PRF-26542F (USAF Specifications)
- Undercut, comfort-gel ear seals provide unsurpassed comfort and enhanced noise-attenuation

- Expanded, super-soft head pad for added comfort
- Hinged wire boom
- Single volume control
- Allows use of standard-issue oxygen/bio-chemical mask with microphone
- One-Year Warranty – Backed by industry leading customer service
- NSN 5965-01-462-8230

TECHNICAL DATA

Ear coupling	Around-the-Ear (Circumaural)
Hardware	Nickel Chrome Carbon Steel
Dome Type	ABS
Contact Pressure	~1.5 lbs. (6.67 N)
Connector Type	U-174/U
Connection Cable	Coil Cord 15"/72" extended with 2 twisted pairs shielded
Transducer Principle	Dynamic (ENC)
Earphone Impedance	150 Ω Mono/ 300 Ω stereo (each ear)
Earphone Frequency Response	300Hz – 3000 Hz +/- 3 dB
Characteristic SPL	~90 dB SPL on flat plate couper (1 KHz, 1 mW) @ maximum volume nominal
Total Harmonic Distortion (THD)	< 2% - 110 dB SPL (300 - 3,000 Hz)
Certified NRR (3 rd Party)	Passive noise attenuation rating of 24 dB
Microphone Principle	Dynamic
Microphone Impedance	5 Ω +30 /- 10%
Microphone Sensitivity at Ground Level	50-107 μ V across 5 Ω load at 1KHz with input of 103 dB SPL at 1/4" from source
Microphone Sensitivity at 25,000 feet	78-106 μ V across 5 Ω load at 1KHz with input of 103 dB SPL at 1/4" from source
Microphone Frequency Response at Ground Level	200 Hz - 6,000 Hz +/- 6 dB of ground level response
Microphone Frequency Response at 25,000 feet	200 Hz - 6,000 Hz +/- 3 dB
Ambient Noise Level	For use in noise levels up to 120 dB SPL
Total Harmonic Distortion (THD)	< 6% at 114 dB SPL through 200 Hz – 6 KHz
Operating Voltage	9 VDC (Alkaline 9 Volts), 1 Watt Maximum
Battery Life	Up to 25 hours (Alkaline 9 Volts)
Operating Temperature	-20°C to +55°C
Weight/Headset only	~19 oz. (538 g)