



H10-76 Aviation Headset

## FEATURES AND BENEFITS

- Passive Noise-Attenuating Air Crew/Ground Crew Headset used in U.S. Armed Forces, NATO, and most airborne command centers
- Provides clear, reliable, mission-critical communications for both air crew and ground support personnel
- Built to withstand rigors of the military aircraft cockpit and ground support operations
- Provides maximum comfort and performance to ensure the safety of military personnel
- 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
- One-Year Warranty – Backed by industry leading customer service
- NSN 5965-01-390-9240

## TECHNICAL DATA

<b>Ear coupling</b>	Around-the-Ear (Circumaural)
<b>Hardware</b>	Nickel Chrome Carbon Steel
<b>Dome Type</b>	ABS
<b>Contact Pressure</b>	~1.5 lbs. (6.67 N)
<b>Connector Type</b>	U-174/U
<b>Connection Cable</b>	Coil Cord 15"/72" extended with 2 twisted pairs shielded
<b>Transducer Principle</b>	Dynamic
<b>Earphone Impedance</b>	10 $\Omega$ (19 $\Omega$ each wired in parallel)
<b>Earphone Frequency Response</b>	100Hz – 5500 Hz
<b>Characteristic SPL</b>	~90 dB SPL on flat plate couper (1 KHz, 1 mW) @ maximum volume nominal
<b>Total Harmonic Distortion (THD)</b>	< 1% - 110 dB SPL (300 - 3,000 Hz)
<b>Certified NRR (3<sup>rd</sup> Party)</b>	Passive noise attenuation rating of 24 dB
<b>Microphone Principle</b>	Dynamic
<b>Microphone Impedance</b>	5 $\Omega$ +/- 1 $\Omega$
<b>Microphone Sensitivity at Ground Level</b>	50-107 uV across 5 $\Omega$ load at 1KHz with input of 103 dB SPL at 1/4" from source
<b>Microphone Sensitivity at 25,000 feet</b>	78-106 uV across 5 $\Omega$ load at 1KHz with input of 103 dB SPL at 1/4" from source
<b>Microphone Frequency Response at Ground Level</b>	200 Hz - 6,000 Hz +/- 6 dB of ground level response
<b>Microphone Frequency Response at 25,000 feet</b>	200 Hz - 6,000 Hz +/- 3 dB
<b>Ambient Noise Level</b>	For use in noise levels up to 120 dB SPL
<b>Total Harmonic Distortion (THD)</b>	< 6% at 114 dB SPL through 200 Hz – 6 KHz
<b>Operating Temperature</b>	-20°C to +55°C
<b>Storage Temperature</b>	-40°C to +70°C
<b>Weight/Headset only</b>	~19 oz. (538 g)