


H10-66 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
- Switchable Hi/Lo impedance mic
- FAA TSO Approved C57, CAT. B
- Expanded, super-soft head pad for added comfort
- Hinged wire boom

- Single volume control
- Five-Year Warranty – Backed by industry leading customer service
- NSN 5965-01-360-0454

TECHNICAL DATA

Ear coupling	Around-the-Ear (Circumaural)
Hardware	Nickel Chrome Carbon Steel
Dome Type	ABS
Contact Pressure	~2.5 lbs. (11.12 N)
Connector Type	U-174/U
Connection Cable	Coil Cord 15"/72" extended with 2 twisted pairs shielded
Earphone Principle	Dynamic
Earphone Impedance	150Ω (300Ω each wired in parallel)
Earphone Frequency Response	100Hz – 5500 Hz
Earphone Sensitivity (SPL)	~90 dB SPL on flat plate coupler (1 KHz, 1 mW) @ maximum volume nominal
Earphone Total Harmonic Distortion (THD)	< 1% - 110 dB SPL (300 - 3,000 Hz)
Certified NRR (3rd Party)	Passive noise attenuation rating of 27 dB
Microphone Principle	Dynamic or Amplified
Microphone Impedance	5Ω +/-1Ω / 150Ω nom (switchable)
Microphone Sensitivity at Ground Level	50 - 107μV across 5Ω load at 1KHz with input of 103 dB SPL at ¼" from source or 400 mV +/- 6 dB into 150Ω Load @ 1 KHz for 114 dB SPL Input
Microphone Sensitivity at 25,000 feet	78 - 106μV across 5Ω load at 1KHz with input of 103 dB SPL at ¼" from source or 400 mV +/- 6 dB into 150Ω Load @ 1 KHz for 114 dB SPL Input
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
Microphone Ambient Noise Level	For use in noise levels up to 120 dB SPL
Microphone Total Harmonic Distortion (THD)	< 6% at 114 dB SPL through 200 Hz – 6 KHz
Headset Operating Temperature	-20°C to +55°C
Headset Storage Temperature	-40°C to +70°C
Weight/Headset only	~19 oz. (538 g)