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## H10-56 Aviation Headset

Headset-Microphone

H10-56 / 18283G-02

**Data Sheet**



**H10-56 Aviation Headset**

### FEATURES AND BENEFITS

- Our quietest passive noise-attenuating helicopter headset with built-in comfort
- Super-soft head pad
- Coil Cord (5- foot extended) with U-174/U plug
- Undercut Gel Ear Seals for maximum comfort
- Corrosion-resistant, chrome-plated head pad/stirrup assembly
- DC-1A Amplified Dynamic Noise-Cancelling Microphone
- Molded cord assembly made to exceptional pull and flex standards

- Certified Noise Reduction Rating – 27dB
- Exceeds RTCA/DO – 214 Standards
- FAA TSO Approved C57, CAT. B
- Five-Year Warranty – Backed by industry leading customer service
- NSN 5965-01-330-4042

### 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 (3 <sup>rd</sup> Party)	Passive noise attenuation rating of 27 dB
Microphone Principle	Amplified Dynamic
Microphone Impedance	150Ω nom
Microphone Sensitivity at Ground Level	400 mV +/- 6 dB into 150Ω Load @ 1 KHz for 114 dB SPL Input
Microphone Sensitivity at 25,000 feet	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
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 – 6,000 Hz
Mic DC Supply Voltage	8 – 16V, not polarity sensitive
Source Resistance	470 Ω (150 Ω AC Load)
Headset Operating Temperature	-20°C to +55°C
Headset Storage Temperature	-40°C to +70°C
Weight/Headset only	~19 oz. (538 g)

360 Franklin Street, Box 15054, Worcester, MA 01615-0054 • Tel: 800-298-6235 • Fax: 508-753-5827

• Email: sales@davidclark.com • Web site: www.davidclark.com

Technical data subject to change without prior notice.  
Current data available at www.davidclark.com