



DC ONE-XH Helicopter Headset

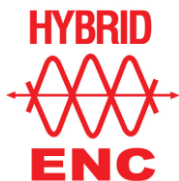
Headset-Microphone

DC ONE-XH / 43102G-06

[Data Sheet](#)



DC ONE-XH Headset



- Compact, in-line control module with backlit, tough-key user interface controls On/Off, Bluetooth® wireless technology and volume control
- Control module powered by two (2) AA batteries for up to 50 hours of use
- Collapsible, folding design for compact storage in David Clark headset bag (included)
- FAA TSO-139a Approved
- Five-Year Warranty and 30-Day, money back guarantee, backed by industry leading customer service

TECHNICAL DATA

Ear coupling	Around-the-ear (Circumaural)
Hardware	Lightweight Alloy
Connector Type	U-174/U
Connection Cable	5-foot extended coil cord
Weight w/o cable	~ 12.3 oz. (349 g)
Battery life	Up to 50 hours (2 AA batteries)
Operating temperature	-20°C to +70°C
Operating voltage	3VDC (2x AA)
Dome type	ABS
Characteristic SPL	~95 dB SPL (1 kHz, 1 mW) @ maximum volume nominal
Contact pressure	~1.4 lb. (6.2 N)
ENC peak attenuation	30dB @ 150Hz
ENC attenuation range	20Hz—1KHz
Total harmonic distortion (THD)	< 1% - 110 dB SPL (300 - 3,000 Hz)
Ear Transducer principle	Dynamic
Ear Impedance	150 Ω mono / 300 Ω stereo (each ear)
Ear Freq Response	12 - 15,000 Hz
Microphone principle	pre-polarized condenser microphone (electret), noise-cancelling
Mic Impedance	150Ω nominal
Mic Sensitivity	400mV±/-6dB into 150Ω load @ 1kHz for 114 dB SPL input
Mic Freq Response	150 - 8,000 Hz
Mic DC Supply V.	8-16V, not polarity sensitive
Source Resistance	470Ω

FEATURES AND BENEFITS

The newest addition to our industry-leading line of helicopter headsets - the DC ONE-XH brings extraordinary performance, durability and lightweight comfort to helicopter pilots. Quiet and comfortable, even in very noisy helicopters.

- **Bluetooth®** Wireless Technology provides seamless integration for connecting to cell phones, MP3, tablets or other smart devices
- 5-foot extended coil cord with U-174/U plug
- M-55 electret microphone with enhanced noise-cancelling
- Hybrid Electronic Noise Cancellation with advanced feed-forward and feed-back technology provides best-in-class active noise reduction
- Digital Signal Processing (DSP) ensures high-fidelity audio for superior communications and music listening
- Stereo/Mono Switch - Compatible with all aircraft audio panel configurations
- Rugged yet lightweight alloy headband and suspension system is adjustable for personalized fit
- Low profile, Outlast® fabric head pad with vented design absorbs excess heat to keep you cool and eliminates 'hot spots'
- Over-the-ear, leatherette ear seals with slow recovery foam cradle the ears in comfort and provide a snug, secure seal



Made in USA

19602P-20 (10-16)