

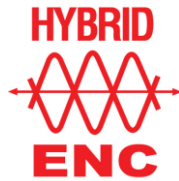


DC ONE-X Aviation Headset

Headset-Microphone

DC ONE-X / 43102G-01

[Data Sheet](#)



- Stereo/Mono Selection - Compatible with all aircraft audio panel configurations
- Five-Year Warranty - Backed by industry leading customer service
- TSO approval C-139a

TECHNICAL DATA

Ear coupling	Around-the-ear (Circumaural)
Hardware	Lightweight Alloy
Connector Type	Standard dual GA plugs
Connection Cable	0.155" (4-mm) OD shielded cable, length ~ 6 ft. (1.8 m)
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

DC ONE-X Headset

FEATURES AND BENEFITS

- Hybrid Electronic Noise Cancellation - Provides best-in-class active noise cancellation
- **Bluetooth®** Wireless Technology - Seamless integration for connection to cell phones, MP3, tablets or other personal devices
- Fail-Safe Operation - Ensures full communication in the event of battery loss or system failure
- Digital Signal Processing (DSP) Technology - Provides high fidelity audio for superior communications and music listening
- Audio Mute - Reduces auxiliary audio volume and prevents missed communications

