



- 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

<b>Ear coupling</b>	Around-the-ear (Circumaural)
<b>Hardware</b>	Lightweight Alloy
<b>Connector Type</b>	6-Pin Redel Plug for panel DC Power & intercom connections
<b>Connection Cable</b>	0.155" (4-mm) OD shielded cable, length ~ 6 ft. (1.8 m)
<b>Weight w/o cable</b>	~ 12.3 oz. (349 g)
<b>Battery life (No Ship's Power)</b>	Up to 50 hours (2 AA batteries)
<b>Operating temperature</b>	-20°C to +70°C
<b>Operating voltage</b>	11 - 30 VDC or 3 VDC (2x AA)
<b>Dome type</b>	ABS
<b>Characteristic SPL</b>	~95 dB SPL (1 kHz, 1 mW) @ maximum volume nominal
<b>Contact pressure</b>	~1.4 lb. (6.2 N)
<b>ENC peak attenuation</b>	30dB @ 150Hz
<b>ENC attenuation range</b>	20Hz—1KHz
<b>Total harmonic distortion (THD)</b>	< 1% - 110 dB SPL (300 - 3,000 Hz)
<b>Ear Transducer principle</b>	Dynamic
<b>Ear Impedance</b>	150 Ω mono / 300 Ω stereo (each ear)
<b>Ear Freq Response</b>	12 - 15,000 Hz
<b>Microphone principle</b>	pre-polarized condenser microphone (electret), noise-cancelling
<b>Mic Impedance</b>	150Ω nominal
<b>Mic Sensitivity</b>	400mV±6dB into 150Ω load @ 1kHz for 114 dB SPL input
<b>Mic Freq Response</b>	150 - 8,000 Hz
<b>Mic DC Supply V.</b>	8-16V, not polarity sensitive
<b>Source Resistance</b>	470Ω

### DC ONE-XP Headset

### FEATURES AND BENEFITS

- Hybrid Electronic Noise Cancellation - Provides best-in-class active noise cancellation
- Derives operating voltage from aircraft or defaults to 2x AA's when ship's power is not available
- **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