



- 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 | 6-Pin Redel Plug for panel DC Power & intercom connections |
| 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 (No Ship's Power) | Up to 50 hours (2 AA batteries) |
| Operating temperature | -20°C to +70°C |
| Operating voltage | 11 - 30 VDC or 3 VDC (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-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