DC PRO-X2 Aviation Headset

Dual Ear, 6-Pin Panel Mount

43105G-02

Product Bulletin

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DC PRO-X2 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
- Enhanced Auto Shut-off prevents accidental loss of battery power
- 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	On-the-ear
Hardware	Lightweight Alloy
Connector Type	6-pin Redel connector for aircraft power 10-30VDC
Connection Cable	0.155” (4-mm) OD shielded cable, length ~ 6.6 ft. (2.0 m)
Weight w/o cable	~ 7.5 oz. (215 g)
Battery life	Up to 50 hours without external power (2 AA batteries)
Operating temperature	-20°C to +55°C
Operating voltage	3VDC (2x AA); or Ship’s Power (11 - 30 VDC)
Dome type	ABS
Characteristic SPL	~91 dB SPL (1 kHz, 1 mW) @ maximum volume nominal
Contact pressure	~0.6 lb. (2.7 N)
ENC peak attenuation	30dB @ 150Hz
ENC attenuation range	20Hz—1KHz
Total harmonic distortion (THD)	< 1% - 110 dB SPL (300 – 3,000 Hz)
Transducer principle	Dynamic
Ear Impedance	600 Ω mono / 1200 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

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