

WWW.DAVIDCLARK.COM

Rue de la Dixence 49 – CH-1950 Sion T +41 (0)27 322 41 01 F +41 (0)27 322 41 02 info@sigmacom.ch - www.sigmacom.ch

DC PRO-X Aviation Headset

Headset-Mic, Over-The-Head

DC PRO-X / 43100G-01

Data Sheet



DC PRO-X Headset

FEATURES AND BENEFITS

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

D	\triangleright	Stereo/Mono Selection - Compatible with all aircraft		
} .		audio panel configurations		
		Five-Year Warranty - Backed by industry leading		
<i>.</i>		customer service		

TSO approval C-139

TECHNICAL DATA

Ear coupling	On-the-ear
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	~ 8.4 oz. (238 g)
Battery life	Up to 50 hours (2 AA
-	batteries)
Operating	-20°C to +55°C
temperature	
Operating voltage	3VDC (2x AA); 11 - 30 VDC
	(XP model only)
Dome type	ABS
Characteristic SPL	~95 dB SPL (1 kHz, 1 mW) @
	maximum volume nominal
Contact pressure	~0.6 lb. (2.7 N)
ENC peak	30dB @ 150Hz
attenuation	
allenuation	
ENC attenuation	20Hz—1KHz
range	
Total harmonic	< 1% - 110 dB SPL (300 -
distortion (THD)	3,000 Hz)
Transducer	Dynamic
principle	
Ear Impedance	150 Ω mono / 300 Ω stereo
	(each ear)
Ear Freq Response	12 - 15,000 Hz
Microphone	pre-polarized condenser
principle	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

360 Franklin Street, Box 15054, Worcester, MA 01615-0054 • Tel: 800-298-6235 • Fax: 508-753-5827 Email: sales@davidclark.com
Web site: www.davidclark.com

