



WWW.DAVIDCLARK.COM

DC ONE-XM (C-17) High Impedance Headset

Headset-Microphone

DC ONE-XM (C-17) / 43102G-09

[Data Sheet](#)


DC ONE-XM (C-17) Headset



- M-5B electret microphone with enhanced noise-cancelling
- TSO-139a Approved
- NSN 5965-01-680-0088
- One-Year Warranty – Backed by industry leading customer service

TECHNICAL DATA

Ear coupling	Around-the-ear (Circumaural)
Hardware	Lightweight Alloy
Dome Type	ABS
Contact Pressure	~1.4 lb. (6.2 N)
Connector Type	U-174/U
Connection Cable	Upper Cord; ~44" fixed length 0.155" OD shielded Lower Coil Cord; ~12" relaxed 0.130" OD shielded ~72" overall extended length
Transducer Principle	Dynamic
Earphone Impedance	600 Ω (+/-10%)
Earphone Frequency Response	12 Hz - 15,000 Hz
Characteristic SPL	~95 dB SPL (1 KHz, 1 mW) @ maximum volume nominal
ENC Peak Attenuation	30 dB @ 150 Hz
ENC Attenuation Range	20 Hz - 1 KHz
Total Harmonic Distortion (THD)	< 1% - 110 dB SPL (300 - 3,000 Hz)
Microphone Principle	Pre-Polarized condenser microphone (electret), noise cancelling
Microphone Impedance	150 Ω nominal
Microphone Sensitivity	400mV +/- 6dB into 150 Ω load @ 1KHz for 114 dB SPL input
Microphone Frequency Response	150 Hz - 8,000 Hz
Microphone DC Supply	8-16 VDC, not polarity sensitive
Microphone Source Resistance	470 Ω
Operating Voltage	3VDC (2x AA), 1 W max.
Battery Life	Up to 50 hours (2 AA batteries)
Operating Temperature	-20°C to +55°C
Weight w/o cable	~12.3 oz. (349 g)

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 (2xAA) 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

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

Technical data subject to change without prior notice.
Current data available at www.davidclark.com

© 2021 David Clark Company Incorporated

An Employee Owned
American Company
19602P-78 (06-21)