



DC 3690 Headset-Mic

DESCRIPTION

Series DC 3600 Headsets are designed to provide crisp, clear communications and superior comfort, ideal for UAV shelters, data vans, Command and Control vehicles and other low-noise applications.

The Model DC 3690 is a single-ear, over-the-head style headset with a supra-aural design (rest-on-ear), capable of affording comfort and communication clarity. It features the new M-5A electret noise-cancelling microphone, delivering superlative speech intelligibility.

Metal alloy hardware is used for a rugged, yet lightweight headset platform. Comfort features such as leatherette head-pad and ear seals and temple pad with slow-recovery 'memory' foam are specifically chosen for exceptional comfort over long periods of time.

With it's full feature engineering and ultra-lightweight design, the DC 3690 provides the ultimate in performance, comfort and communication clarity for a wide variety of applications.

FEATURES AND BENEFITS

- Compatible with Series 3100, 3400 or 3800 intercom systems, as well as Series 3000 two-way radio adapters
- M-5A noise-cancelling microphone for superlative speech clarity
- Full flex mic boom, 280° rotating for perfect mic placement on left or right side
- Dynamic earphone provides excellent reception quality
- Leatherette head-pad, temple pad and ear seals with slow-recovery 'memory' foam provides the ultimate in comfort
- Metal alloy hardware designed for ultra-lightweight, yet rugged, reliable construction
- Adjustable headband/suspension assembly and swivel hinge stirrup and temple pad mechanism ensure a perfect, personalized fit

TECHNICAL DATA

Ear Coupling	On-The-Ear
Hardware	Lightweight alloy
Dome Type	ABS
Connector Type	1/4" Stereo plug (TRS)
Connection Cable	0.130" (3.3 mm) O.D. shielded cable, length ~ 5 ft. (1.5 m)
Transducer Principle	Dynamic
Earphone Impedance	1200Ω (+/-10%)
Earphone Frequency Response	100 Hz – 15 kHz
Characteristic SPL	~91 dB SPL (1 kHz, 1 mW) @ maximum volume nominal
Total Harmonic Distortion (THD)	< 1% - 110 dB SPL (300 - 3,000 Hz)
Microphone Principle	Amplified Electret
Microphone Impedance	150Ω nominal
Microphone Sensitivity	400 mV+/-6dB into 150Ω load @1 kHz for 114 dB SPL input
Microphone Frequency Response	150 Hz - 8 kHz
Microphone DC Supply	8 – 16V, not polarity sensitive
Microphone Source Resistance	470Ω
Operating Temperature	-20°C – +55°C
Weight (w/o Cable)	~ 6.3 oz. (179 g)

