



**DC 3630-X 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 3630-X is a dual-ear, over-the-head style headset with a supra-aural design (rest-on-ear, as opposed to circum-aural), capable of affording comfort and communication clarity. It features the new M-55 electret noise-cancelling microphone, delivering superlative speech intelligibility.

Unique to this model is its Hybrid ENC technology, utilizing internal and external noise-capturing microphones to provide ‘feed-forward’ and ‘feed-back’ active noise reduction. ENC, stereo volume controls and a Bluetooth® pairing feature are incorporated into an in-line control module, with multi-color backlighting to provide visual status of ENC and wireless linking to smartphones, MP3, tablets or other personal audio devices.

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

### FEATURES AND BENEFITS

- Compatible with Series 3100, 3400 or 3800 intercom systems, as well as Series 3000 two-way radio adapters
- Hybrid ENC active noise canceling technology
- Bluetooth® linking to smartphones, MP3, tablets or other personal electronic devices
- In-line control module regulates ENC power, individual volume controls and wireless link (multi-color backlight provides status)
- Dual voice coil drivers ensure fail-safe operation in case of battery loss
- M-55 noise-canceling microphone for superlative speech clarity
- Full flex mic boom, 280° rotating for perfect mic placement on left or right side
- Leatherette head-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
- Made in the USA

### TECHNICAL DATA

<b>Weight (w/o cord)</b>	8.4 oz (238g)
<b>Comm Cord (from module)</b>	5 foot coil, with ¼" stereo connector (TRS)
<b>Dome Type</b>	Supra-aural (rest-on-ear)
<b>Hardware</b>	Lightweight alloy
<b>Wireless Pairing</b>	Bluetooth v2.0+EDR system
<b>Ear Impedance</b>	Mono: 310Ω on, 150Ω off; Stereo: 300Ω on, 150Ω off
<b>Ear Frequency Response</b>	12 – 15,000 Hz
<b>ENC Peak Attenuation</b>	30 dB @ 150 Hz
<b>ENC Attenuation Range</b>	20 Hz – 1 kHz
<b>Total Harmonic Distortion (THD)</b>	<1% - 110 dB SPL (300 – 3,000 Hz)
<b>Mic Sensitivity</b>	400mV +/- 6dB into 150Ω load @ 1 kHz for 114 dB SPL input
<b>Mic Impedance</b>	150Ω nominal
<b>Mic Frequency Response</b>	150 – 8,000 Hz
<b>Mic DC Supply</b>	8 – 16V, not polarity sensitive
<b>Source Resistance</b>	470Ω

