



H8542: Headset-Mic

DESCRIPTION

Production teams know that clear communication is critical to performance. Our 8500 Series Headsets are designed to provide the reliable performance and outstanding comfort and durability that production professional's demand. From sound and lighting engineers, to camera and video personnel, to front-of-house professionals, David Clark has a Pro Audio headset solution to meet your needs.

The Model H8542 is a dual-ear, behind-the-head style headset capable of affording comfort and communication clarity over long periods of time. It utilizes the M-2H dynamic noise-cancelling microphone, delivering excellent speech intelligibility.

Durable construction and quality components are found throughout the Series 8500 headsets. Accessories such as undercut ear seals and soft foam head pad provide luxurious comfort over long work shifts.

Noise-attenuating ear cups deliver clear isolated reception, while effectively protecting the user's hearing. David Clark created the world's first noise attenuating communication headsets, and continue to lead the world in delivering quality communication tools.

FEATURES AND BENEFITS

- Crisp, clear communication in demanding environments
- Dual-ear, behind-the-head style for use with hard hats or other protective head gear
- Provides isolated reception and exceptional speech intelligibility
- Universal flex boom assembly, 280° rotational, for perfect microphone placement on left or right side
- Reversible nape spring for left or right side mic positioning
- Adjustable overhead support strap for precise fit
- Undercut, 'Comfort Gel' ear seals cradle the ears to provide superior comfort

TECHNICAL DATA

Ear coupling	Around-the-ear (Circumaural)
Hardware	Carbon steel, flat black finish
Dome Type	Lightweight, ABS Composite
Connector Type	4-Pin XLR Female
Connection Cable	8' extended coil cord with 2 twisted pairs shielded
Earphone Type	Dynamic, moving coil
Earphone Impedance	30 Ω +/- 10% (60 Ω each; wire in parallel)
Earphone Frequency Response	20 - 8,000 Hz
Earphone Sensitivity	125 +/-3 dB SPL @ 1kHz Re: 1mW rms
Total Harmonic Distortion (THD)	<2% @ 1mW 300 - 3,500Hz
Certified NRR (3rd Party)	Passive noise attenuation rating of 24 dB
Microphone Principle	Dynamic
Microphone Impedance	150Ω nominal
Microphone Sensitivity	1.73 mV rms nominal, into 150 Ω load re: 104dB SPL 1/4" @ 1kHz
Microphone Frequency Response	200 Hz - 5 kHz
Operating Temperature	-20°C to +55°C
Storage Temperature	-20°C to 70°C
Weight/Headset only	16.3 oz/462g