


**H3442: Headset-Mic**

## DESCRIPTION

Series 3400 Headsets are designed to provide crisp, clear communications and effective hearing protection in high-noise environments. They are engineered to be compatible with David Clark Series 3100, 3400 and 3800 Intercom Systems and Series 3000 Mobile Radio Adapters.

The Model H3442 is a dual-ear, behind-the-head style headset capable of affording comfort and communication clarity over long periods of time, and designed for use under protective head gear. It utilizes the M7-A electret, noise-cancelling microphone, delivering excellent speech intelligibility. A microphone on/off switch is also included.

Durable construction and quality components are found throughout the Series 3400 headsets, with enhanced comfort features for exceptional comfort in any temperature or environmental conditions.

Noise-attenuating ear cups provide clear isolated reception of the connected parties by either intercom or radio, 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 under fire helmets, hard-hats or other protective head gear)
- Provides isolated reception and exceptional speech intelligibility
- Made in the USA; Rugged and reliable
- M7-A electret, noise-canceling microphone
- Microphone on/off switch on ear cup
- Patented hybrid, wire-flex boom assembly, 280° rotational, for perfect microphone placement on left or right side
- Dynamic earphone elements
- Adjustable overhead support assembly for custom fit
- Reversible headband spring assembly allows positioning of microphone boom on left or right side
- Undercut, 'Comfort Gel' ear seals cradle the ears to provide superior comfort
- Passive noise attenuation rating of 23 dB

## TECHNICAL DATA

<b>Weight</b>	16.8oz./476g
<b>Comm Cord</b>	6' extended coil cord, with ¼" stereo plug
<b>Certified NRR (3<sup>rd</sup> party)</b>	23 dB
<b>Dome Type</b>	Recessed, ABS composite
<b>Hardware</b>	Carbon steel, black finish
<b>Ear Impedance</b>	300Ω each, wired in series
<b>Ear Sensitivity</b>	90dB SPL re 1mW @ 1kHz
<b>Ear Freq Response</b>	200-5,500 Hz
<b>Mic Impedance</b>	150Ω nominal
<b>Mic Sensitivity</b>	400mV+/-6dB into 150Ω load @ 1kHz for 114 dB SPL input
<b>Mic Freq Response</b>	300-3,500 Hz
<b>Mic DC Supply V., Source Resistance</b>	8-16V, 470Ω, not polarity sensitive
<b>Microphone Control</b>	On/off switch, SPDT