



**H3312: Headset-Mic Shield**

## DESCRIPTION

Series 3300 Headsets are designed to provide crisp, clear communications and effective hearing protection in high-noise environments. Ground support models, in particular, are designed for interface to standard commercial aircraft interphone systems and Series 3800 de-icing intercoms.

The Model H3312 is a dual-ear, over-the-head style headset capable of affording comfort and communication clarity in the most demanding environments. It utilizes the DC-1A amplified dynamic, noise-cancelling microphone housed in a noise-attenuating shield assembly, designed for noise environments above 125dB, intended as a hand-held microphone. The momentary PTT allows microphone transmit only when needed.

Durable construction and quality components are found throughout the Series 3300 headsets. Comfort features such as the ear seals and head-pad are specifically chosen for exceptional comfort in any temperature or environmental conditions.

Noise-attenuating ear cups provide clear isolated reception, and the H3312 provides 26dB of hearing protection. 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, over-the-head style
- Provides isolated reception and exceptional speech intelligibility
- Rugged and reliable
- DC-1A amplified dynamic, noise-canceling microphone
- Noise attenuating microphone shield for noise environments above 125 dB
- Dynamic earphone elements
- Momentary PTT switch on mic shield
- Adjustable headband spring assembly for custom fit
- Pivoting stirrup assemblies on both ear cups help ensure a precise fit
- Foam filled ear seals, durable and comfortable over long hours and in all weather conditions
- Ribbed head-pad assembly provides years of comfort
- Passive noise attenuation rating of 26 dB

## TECHNICAL DATA

<b>Weight (w/o cord)</b>	20.4oz/578g
<b>Comm Cord</b>	25' straight cord, with ¼" stereo plug
<b>Certified NRR (3<sup>rd</sup> party)</b>	26 dB
<b>Dome Type</b>	Hybrid, ABS
<b>Hardware</b>	Carbon steel, chrome finish
<b>Push-To-Talk Switch</b>	Momentary - Single Pole, Single Throw
<b>Ear Impedance</b>	300Ω each, wired in series
<b>Ear Sensitivity</b>	90 dB SPL/1mW @ 1kHz
<b>Ear Freq Response</b>	200 to 5,500 Hz
<b>Mic Impedance</b>	150 ohm nominal
<b>Mic Sensitivity</b>	400mV +/- 6dB into 150Ω load @ 1kHz for 114 dB SPL input
<b>Mic Freq Response</b>	150Hz to 8kHz
<b>Mic DC Supply V., Source Resistance</b>	8-16V, 220 – 2,200Ω, not polarity sensitive