


**H9940: Headset-Mic**

## DESCRIPTION

The Series 9900 Wireless Intercom System is the perfect solution for wireless intercom communications in demanding environments, such as airline/airport operations, fire/rescue applications, marine intercom, or any application requiring robust, reliable and secure communications in and around high-noise areas.

The H9940 is a wireless, marine-grade version of our legacy noise-attenuating headsets, providing the same rugged dependability but designed for use with David Clark Wireless Belt Stations.

It is a dual-ear, behind-the-head style communication headset (designed for use under protective head gear), incorporating a noise-canceling dynamic microphone which is optimal for extreme noise environments up to 125 dB

With superlative performance and unsurpassed comfort features allowing for ease of use over long work shifts, the H9940 is an ideal headset choice for use where high noise levels make it difficult to communicate and effective hearing protection is desired.

## FEATURES AND BENEFITS

- Crisp, clear communication in demanding environments
- All hardware marine-grade stainless steel for rust/corrosion resistance in harsh marine environments
- M-87 type dynamic noise-canceling microphone, immersion-proof
- Hybrid hinged wire/flex mic boom for perfect microphone placement
- Dual dynamic earphones (titanium nitride drivers) with stainless steel retainers
- Dual volume controls, water-tight, for variable left/right gain setting capability
- 6' extended coil cord with military-grade, 7-pin Belt Station connector
- Undercut, comfort-gel ear seals provide unsurpassed comfort and enhanced noise-attenuation
- Nylon overhead support assembly with velcro adjustment for all head sizes
- Reversible hardware, 280° rotational mic boom provide options for microphone positioning (left or right)
- Passive noise attenuation rating of 23 dB

## TECHNICAL DATA

<b>Weight</b>	16.3oz/462g
<b>Comm Cord</b>	6 foot coil, with MAP-57-50 connector
<b>Certified NRR (3<sup>rd</sup> party)</b>	N/A
<b>Dome Type</b>	Lightweight, ABS
<b>Hardware</b>	Stainless-steel (18-8)
<b>Potentiometer</b>	220 ohm +/- 20% (2 each)
<b>Ear Impedance</b>	35 ohm +/- 10% @ 1kHz
<b>Ear Sensitivity</b>	100 dB SPL/1mW @ 1kHz
<b>Ear Frequency Response</b>	20Hz to 20kHz
<b>Mic Impedance</b>	150 ohm +/- 15 ohm
<b>Mic Sensitivity</b>	49.77dBuV to 55.79dBuV @ 1kHz, 103dB SPL @ .187"
<b>Mic Frequency Response</b>	200Hz to 6kHz
<b>Mic Total Harmonic Distortion</b>	200Hz to 6kHz, 5% @ 105dB above 20uPa
<b>Mic Resistive Load</b>	150 ohm +/- 15 ohm