Digital Intercom System
Model H9130
Headset-Mic, OTH

On land or at sea; for facilities or mobile platforms; in harsh, noisy environments or in quiet areas over long distances; for single or multi-channel communication; with wired security and wireless mobility, the Series 9100 Digital Intercom System provides communication clarity for the working world.

The H9130 is an over-the-head, dual-ear style noise-attenuating Headset, compatible with both U9110 wired Headset Station and U9110-BSW wireless Belt Station. It offers effective hearing protection with comfort, crisp communication without noise, and intuitive functionality with rugged, reliable construction.

As the immediate link between the user and the Digital Intercom System, the H9130 provides positive assurance that no critical communications are missed, and that safety and mission efficiency are greatly enhanced.

P/N: 40864G-04

WHAT IT HAS…	HOW IT HELPS…
M-2H Advanced Noise-Cancelling Microphone	Enhanced design with fine-tuned sound pressure level sensing optimizes noise cancellation while increasing clarity with focus on
Integrated Microphone PTT Switch	Positive-action momentary switch is located at the microphone bracket; effortless to find and utilize in the most stressful of situations
Dual Volume Controls	Split-audio for wired users allows for enhanced monitoring abilities (audio is summed for wireless users; individual adjustment is
Premium Comfort Accessories	Air-flow headpad and undercut silicone/memory foam ear seals, designed for all-weather usability, improved attenuation and
Coil Cord with Quick-Release Connector	Allows rapid change-over between wired and wireless options for mission flexibility; IP-68 connector assures connection integrity

H9130 - Technical Data

PHYSICAL	
Weight	14.2oz/403g
Communication Cord	6 ft coil, with JAE connector (8-pin, JB5 series)
Certified NRR	23dB
Dome Type	Lightweight, ABS
Hardware	Stainless-steel; EM coat 6226
Potentiometer	220 ohm +/- 20% (2 each)

MICROPHONE	
Microphone Type	M2H, Dynamic noise-cancelling
Boom Type	Hybrid wire/flex
Microphone Control	Momentary PTT (mic bracket)
Impedance	150 ohm nominal
Sensitivity	320uV nom., into 150 ohm load re: 94dB SPL 1/4" @ 1kHz
Frequency Response	100Hz to 10kHz
Source Resistance	150 ohm nominal

EARPHONE	
Earphone type	Titanium Nitride driver
Impedance	35 ohm +/- 10% @ 1kHz
Sensitivity	100 dB SPL/1mW @ 1kHz
Frequency Response	20Hz to 20kHz
Total Harmonic Distortion	<0.3% nominal

PROPER FIT

Proper fit of this device is critical to its noise attenuation effectiveness. Consult the instructions below for proper fit.

1. Open the headband adjustment all the way and put the hearing protector over your ears. Push the headband down until the headpad (headband) rests comfortably on top of your head. Move the earcups slightly up or down or from side to side until you feel you have maximum attenuation.
2. The use of eyeglasses will reduce the attenuation afforded by this device. Use the thin temples on your glasses. Thin temples keep noise leakage at a minimum. Use "Stop Gaps", P/N 12500G-02; they are inexpensive and effective in restoring some of the attenuation which you would otherwise lose.

MAINTENANCE

In order for your hearing protector to perform properly, always comply with the following:

1. Never alter or modify your hearing protector. If you re-form the headband or muff, cut or punch holes in the ear seal, drill or punch holes in the ear cup or insert, or paint or coat the device, you will seriously jeopardize the hearing protector's performance and hearing damage could occur.
2. Seek repair or replacement of the hearing protector, immediately, if you see a defect, such as any sign of cracks or splits in cups, seals, or headbands.
3. Follow the manufacturer's recommendations for storage and cleaning. Storage in direct sunlight or at high temperatures, or cleaning in non-recommended cleaning solutions, may shorten the useful life of the hearing protector.
4. Each individual's body chemistry is different. Perspiration, body oils, and hair grooming cosmetics may effect the hearing protector materials; loss in elasticity or softness of ear cup seals and of the foam pads inside ear cups may result. Replace parts immediately, if these signs of wear occur.

CLEANING INSTRUCTIONS

1. Hearing protectors should be cleaned regularly using mild soap and water. Sponge off headpad and ear seals, taking care to rinse thoroughly.
2. Communication headsets should be cleaned in the same manner. Although this headset model is designed for marine environments, DO NOT UNNECESSARILY IMMERSE IN WATER. Most importantly, always wear your hearing protector in areas that have been identified as hazardous noise locations!

David Clark Company Incorporated
360 Franklin Street, Box 15054
Worcester, MA 01615-0054
Phone: 508-751-5800 Fax: 508-753-5827
www.davidclark.com

Made in USA