



Digital Intercom System Model H9180 Headset-Mic, UH

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 H9180 is an under-helmet, dual-ear style noise-attenuating Headset, compatible with both U9110 wired Headset Station and U9110-BSW wireless Belt Station. It offers comfort and crisp communication without noise, and intuitive functionality with rugged, reliable construction, all in a platform compatible with many ballistic helmet configurations.

As the immediate link between the user and the Digital Intercom System, the H9180 provides positive assurance that no critical communications are missed, and that safety and mission efficiency are greatly enhanced.



P/N: 41032G-07

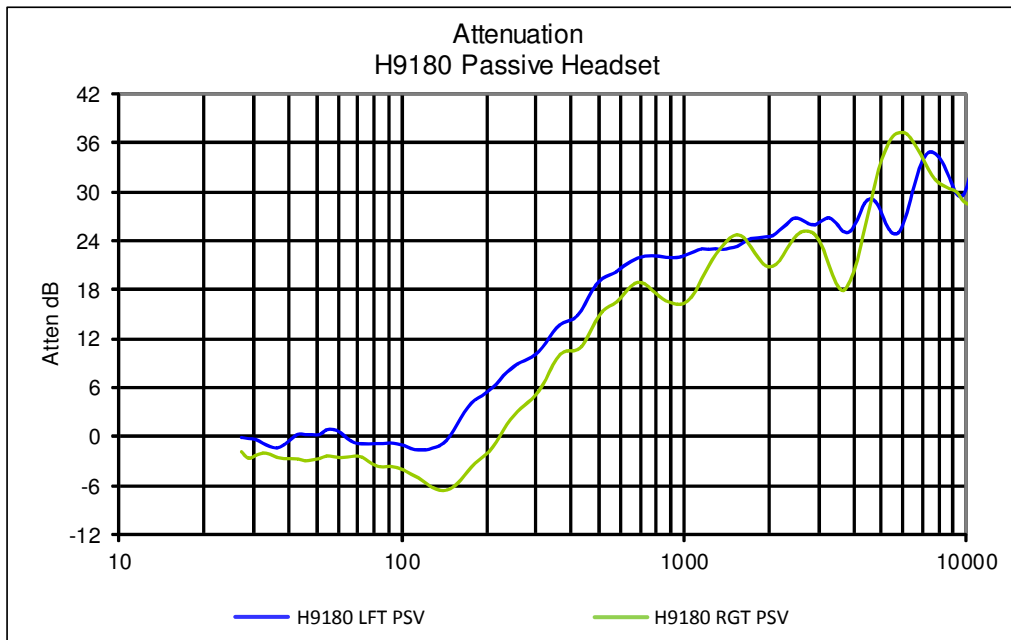
WHAT IT HAS...	HOW IT HELPS...
M-2H Advanced Noise-Cancelling Microphone	Enhanced design with fine-tuned sound pressure level sensing optimizes noise cancellation while increasing clarity with focus on
Integrated Microphone PTT Switch	Positive-action momentary switch is located at the microphone bracket; 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
Helmet Compatible Design	Compact design allows use across a wide range of current ballistic and special operations helmets
Coil Cord with Quick-Release Connector	Allows rapid change-over between wired and wireless options for mission flexibility; IP-68 connector assures connection integrity

H9180 - Technical Data

PHYSICAL	
Weight	11.6oz/329g
Communication Cord	6 ft coil, with JAE connector (8-pin, JB5 series)
Noise Attenuation	*See chart below
Dome Type	Under-helmet, 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



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