



# Hard Hat Headset Product Specifications

Electret Microphone Headset Model: CHS-HH210R-DMG, CHS-HH210R-DMGS

## Overview

The Hard Hat Headset is part of a line of specialty communications headsets that incorporate features that are uniquely suited to certain industrial environments. The dual-ear under the helmet headset provides noise reduction in demanding and high noise environments where the use of hard hat or safety helmet is required. Ideal for applications such as construction, manufacturing, and public works, or anywhere communication is critical. The hard hat headset uses a dual mini connector for use with all CrewPlex beltpacks.

## Hard Hat Headset Key Features

- Behind-the-head (BTH) style for use with hard hats or safety helmets
- Dual-ear, over-ear design blocks noise in the loudest environments
- Noise-canceling electret cardioid microphone
- Flexible and adjustable mic boom
- Replaceable ear cushion pad, windscreen, and overhead strap

## Replacement Parts

- HHS-STRAP-5PK Overhead Strap
- HHS-EAR-10PK Ear Cushion Pad
- HHS-WS-10PK Windscreen
- CC-CLIP-6PK Magnetic Cable Clip (6-pack)

Specification*	CHS-HH210R-DMG	CHS-HH210R-DMGS
<b>Microphone</b>		
Microphone Type	Electret	
Frequency Response	20–20,000 Hz	
Mic Sensitivity	-35 ± 3 dB	
Pattern	Unidirectional	
Output Impedance	Maximum 2.2 kΩ	
Bias Voltage	4.5VDC	
<b>Speaker (Headphone)</b>		
Frequency Response	100–8,000 Hz	
Nominal Impedance	150 Ω (300 Ω each; wired in parallel)	
Sensitivity at 1 kHz	87 ± 3 dB	
Speaker Type	Dynamic	
Max Input Power	250 mW	
<b>Cables</b>		
Termination at Ear	Internal	
Length	4.5 ft. (137 cm)	14 in. (31 cm)
Outside Diameter	0.19 in. (5 mm)	
<b>Physical Features</b>		
Mic Boom Length	9 in. (229 mm)	
Weight	13.6 oz (386 g)	
Connector	Dual Mini (3.5 mm TRRS)	

**Noise Reduction Rating** 23 DECIBELS  
(WHEN USED AS DIRECTED)

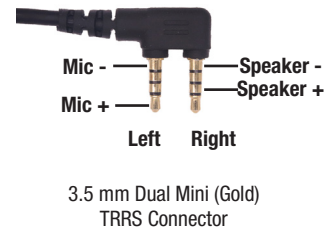
THE RANGE OF NOISE REDUCTION RATINGS FOR EXISTING HEARING PROTECTORS IS APPROXIMATELY 0 TO 30 (HIGHER NUMBERS DENOTE GREATER EFFECTIVENESS)

CREWPLEX, LLC  
AUBURN, AL 36830

CHS-HH210R-DMG

Federal law prohibits removal of this label prior to purchase

LABEL REQUIRED BY U.S. E.P.A. REGULATION 40 CFR PART 221, Subpart B



CHS-HH210R-DMG Hard Hat Headset

CrewPlex, LLC  
205 Technology Parkway  
Auburn, Alabama 36830 USA  
www.crewplex.com  
Phone +1.334.321.1400  
Toll-Free 1.800.279.7539  
Fax +1.334.321.1162

\* Notice About Specifications: While CrewPlex makes every attempt to maintain the accuracy of the information contained in this document, this information is subject to change without notice. Please check our website for the latest system specifications and certifications.

Copyright © 2022 CrewPlex, LLC. All rights reserved. CrewPlex™ and SmartBoom® are trademarks of CoachComm, LLC. All other trademarks are property of their respective owners.

CHS-HH210R-DMG\_DATASHEET\_01.24.2022

