



# CrewPlex HSDR10 Product Specifications

Headset Models: CP-HSDR10-900S, CP-HSDR10-900D

## Overview

The CrewPlex DR10 All-in-One Wireless Headset combines the great sound quality, excellent range, and budget-friendly price point of CrewPlex DR10 with the comfortable fit, exceptional noise isolation, and flip-up microphone muting technology of the SmartBoom PRO headset. Compatible with the two-channel CrewPlex DR10 beltpacks, users can mix and use a combination of CrewPlex DR10 All-In-One Wireless Headsets and DR10 traditional beltpacks as part of the same system. A lightweight and adjustable design allows for comfortable all-day wear, and the headsets collapse for easy storage and travel when your work is done.

## HSDR10 Key Features

- Robust, Two-Channel (A or B) System
- Three Operating Modes for Challenging Environments
- Dual Listen
- Simple to Operate
- Up to 10 Full-Duplex Users
- Radio-to-Radio Communication
- Unlimited Shared Users
- Unlimited Listen-Only Users
- 900MHz Frequency Band
- Encrypted FHSS Technology
- Ultra Compact, Small, and Lightweight
- Rugged, IP54-Rated Headset
- Long Battery Life (7-Hour for Single, 14-Hour for Dual)
- Field-Replaceable Battery
- Available Drop-In Charger
- Single Ear or Dual Headset Options

## What's in the Box?

- Headset
- Li-Poly Battery (BT-12-CP)  
Note: Dual headset has two batteries.
- USB Charging Cable
- Quick Start Guide
- Product Registration Card



CrewPlex CP-HSDR10-900D Headset

## Optional Accessories

- BT-12-CP: Replacement Lithium-Ion Battery
- CAC-USB6-CHG: CrewPlex 6-Port USB Charger
- CAC-CPDR-5CASE: IP67-Rated CrewPlex Hard Carry Case
- CAC-CP-SFTCASE: CrewPlex Soft Travel Case
- CPBT-HSDRC-66: CrewPlex DR10 Headset 6+6 Drop-in Charger
- CP-REC-900(AN): CrewPlex 900MHz Receiver



CrewPlex CP-HSDR10-900S Headset

Specification*	CP-HSDR10-900S	CP-HSDR10-900D
<b>Microphone</b>		
Microphone Type	Electret Condenser	
Frequency Response	20–16,000 Hz	
Mic Sensitivity	-45 ± 2 dBV/Pa at 1 kHz	
Pattern	Unidirectional	
Output Impedance	1.5 kΩ	
Biased Voltage	1.5V~2.2V	
<b>Speaker (Headphone)</b>		
Frequency Response	20–20,000 Hz	
Nominal Impedance	100 Ω	
Sensitivity at 1 kHz	117 dB SPL/mW	121 dB SPL/mW
Speaker Type	Dynamic	
Max Input Power	500 mW	
<b>Physical Features</b>		
Mic Boom Length	8.50 in. (215.90 mm)	
Dimensions	6.9 in. x 8.2 in. x 3 in. (176 mm x 210 mm x 76.9 mm)	
Weight	9.7 oz (275 g)	13.8 oz (392 g)
Display	OLED	
Storage Temperature	-4 °F ~ 122 °F (-20 °C ~ 50 °C, +/-2°C)	
<b>Radio</b>		
Radio Frequency Type	902–928 MHz	
Radio Interface	GFSK with FHSS	
Frequency Response	50 Hz ~ 4 kHz	
Encryption	AES-128	
Voice Codec	16 bit / 8 kHz	
Maximum Transmit Output Power	320 mW Typical	
Rx Sensitivity	-95 dBm	
Frequency Channels	52	
Channel Spacing	0.5 MHz	
Number of Intercom Channels	2	
Maximum Full-Duplex Users	10	
Number of Shared Users	Unlimited	
Number of Listen Only Users	Unlimited	
Antenna	FPC	
Battery Type	Rechargeable 3.7 V Li-Poly field-replaceable battery	
	1,200 mA	2,400 mA (1,200 mA battery x2)
Battery Life	Approx. 7 hours	Approx. 14 hours
Battery Charging Time	4 hours (USB cable and drop-in charger)	6 hours (USB cable and drop-in charger)
Charge Type	USB C; 5 V; 1–2 A	

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\*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. Performance specifications included in this document are design-centered specifications and are included for customer guidance and to facilitate system installation. Actual operating performance may vary. Manufacturer reserves the right to change specifications to reflect latest changes in technology and improvements at any time without notice.

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