



CrewPlex DR10 Product Specifications

BeltPack Models: CP-DR10-900

Overview

Rugged and durable, the CrewPlex DR10 provides full-duplex, hands-free communication to crews and teams for critical workplace communication. In addition to 10 full-duplex users and two separate talk channels, the DR10 provides unlimited listeners and unlimited shared talk users, all without the need for a base station. High-quality audio, excellent range, and ease of use make the CrewPlex DR10 a perfect solution for crews to stay connected, be productive, and focus on job safety.

DR10 BeltPack Key Features

- Robust, Two-Channel System
- Three Operating Modes for Challenging Environments
- Dual Listen
- Simple to Operate
- Up to 10 Full-Duplex Users
- Pack-to-Pack Communication
- Unlimited Listen-Only Users
- Unlimited Shared Users
- 900MHz Frequency Band
- Encrypted FHSS Technology
- Ultra Compact, Small, and Lightweight
- Rugged, IP67-Rated BeltPack
- Long, 12-Hour Battery Life
- Field-Replaceable Battery
- Available Drop-In Charger
- Available Two-Way Radio Integration
- Multiple Headset and Earset Options

Specification*	DR10-900
Radio Frequency Type	ISM 902–928 MHz
Radio Interface	GFSK with FHSS
Frequency Response	50 Hz ~ 4 kHz
Encryption	AES-128
Voice Codec	16 bit / 8 kHz
Maximum Effective Isotropically Radiated Power (EIRP)	400 mW
Rx Sensitivity	-95 dBm
Frequency Channels	52
Channel Spacing	0.5 MHz
Number of Talk Channels	2
Maximum Full-Duplex Users	10
Number of Shared Users	Unlimited
Number of Listen Only Users	Unlimited
Antenna	Detachable 1 dBi Helical Antenna
Battery Type	Rechargeable 3.7 V; 2,000 mA Li-ion field-replaceable battery
Battery Life	Approx. 12 hours
Battery Charging Time	3.5 hours (USB cable); 6.5 hours (Drop-in charger)
Charge Type	USB Micro; 5 V; 1–2 A
Dimension (with Belt Clip)	4.83 in. (H) × 2.64 in. (W) × 1.22 in. (D) [122.7 mm (H) × 67 mm (W) × 31 mm (D)]
Weight	6.35 oz. (180 g)
Display	OLED

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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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What's in the Box?

- BeltPack
- Li-Ion Battery (Installed during shipment)
- USB Charging Cable
- BeltPack Antenna (Attach to belt-pack prior to operation.)
- Quick Start Guide
- Product Registration Card

Accessories

- ANT-900-01: Replacement Antenna for DR10-900 BeltPack
- BT-01: Replacement Lithium-Ion Battery for use with DR10 BeltPacks
- CAC-USB6-CHG: CrewPlex 6-Port USB Charger
- CAC-CPDR-5CASE: IP67-Rated CrewPlex Hard Travel Case
- CAC-CP-SFTCASE: CrewPlex Soft Travel Case
- CPBT-DRC-55: CrewPlex Drop-In Charger for 5 DR10 BeltPacks and 5 Rechargeable Li-Ion Batteries
- CP-REC-900: CrewPlex 900MHz Receiver
- CRC-2WAY-10: Two Way Radio In/Out and Headset Adapter with Push to Talk for DR10 Series
- ANT-EXTMAG-01: CrewPlex 1dB External Magnetic 900MHz / 2.4GHz Antenna
- CAC-TRI-6FT: CrewPlex 6-Foot Compact Tripod Kit
- Selection of compatible headsets (see DR10 Manual for more details)



DR10-900
BeltPack

