



2.4GHz Radio Pack Product Specifications

CRP-12-2400 / CRP-12-2400CE*

Overview

The CrewCom RP-12 Radio Pack is a highly designed, innovative digital wireless belt-pack used for connecting mobile users to the CrewCom CB2 wireless system. Along with standard full duplex communications, the Radio Pack combines flexible channel access and customizable controls for a highly functional yet familiar user experience.

Key Features

- Compact size and light weight (350 g/12.3 oz.)
- 7 kHz digital audio for excellent voice quality
- Familiar volume/talk user interface
- Stage and Call function buttons
- USB connection for pairing, firmware updates and battery charging
- Dual battery (Li-Poly or AA) operation
- Greater than 10 hours continuous operation (Li-Poly)
- Easy-to-use spring-loaded belt clip

What's in the Box?

- CRP-12-2400 (or -2400CE) 2.4GHz Radio Pack
- PBT-LIP-01 Lithium-Polymer Rechargeable Battery
- 00003475 Multi-blade Worldwide Battery Charger/Power Supply
- D0000612 Product Overview Guide

Accessories

- PBT-LIP-01 Rechargeable Lithium-Polymer Battery
- PBT-RPC-66 6+6 Drop-In Radio Pack and Battery Charger
- PBT-5BAY-01 5-bay Battery Charger
- PHS-SB110 Single-Ear SmartBoom® PRO Headset
- PHS-SB210 Dual-Ear SmartBoom® PRO Headset
- PHS-SB11L Single-Ear SmartBoom® LITE Headset
- 00003402 USB A to Micro B Cable

Radio Pack Specification**	CRP-12-2400
RF Frequency (MHz)	2400–2483 MHz
RF Scheme	FHSS with TDMA
Effective Radiated Power	100 mW (+20 dBm)
Receiver Sensitivity	-100 dBm at 10 ⁻⁵ BER
Radio Certification	FCCID: HSW-CCT24 and IC: 4492A-CCT24
Transmission Range	150 m (approx. 500 ft.) under typical conditions; 450 m (approx. 1500 ft.) line of sight (Note: Functional range depends on many variables, including RF signal absorption, reflection, and external interference.)
Audio Dynamic Range	Greater than 90 dB
Audio Frequency Response	150 Hz–7 kHz
Channels	2
Volume Knobs	1
Talk Buttons	1
Headset Connector	4-pin male XLR
Microphone Type	Auto Detect; Dynamic or Electret
Antenna	(2) 2dBi Dipole
Battery Life, Rechargeable Lithium-Polymer	Greater than 10 hours
Charging Power Supply	Micro USB; 6W AC wall adapter
Charge Time for Lithium-Polymer Battery (with supplied PSU)	Under 3 hours
Optional Power	3 Standard AA alkaline batteries
Battery Life, AA Batteries	Approximately 5 hours
Dimensions (L x W x H)	11.43 cm x 11.61 cm x 5.87 cm (4.50 in. x 4.57 in. x 2.31 in.)
Weight (with Lithium-Polymer battery)	350 g (12.3 oz.)
Material	Polycarbonate substrate with thermoplastic elastomer overmold
Operating Environment	-20° to 50° C (-4° to 122° F); 10% to 90% Humidity. RP Power Supply is 0 to 40° C (32° to 104° F).
Maximum Altitude	2,000 m (6,562 ft.)
RoHS Compliant	Yes
IP Rating	IP-65
Compliance Model Number	RP2500



CRP-12-2400
1-Volume / 2-Channel
900MHz Radio Pack

*CRP-12-2400CE model meets the same specifications and complies with ETSI standards (300.328 v1.8.1). Non-CE models are non-compliant with some ETSI standards.

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** Notice about specifications: While Pliant makes every attempt to maintain the accuracy of the information contained in this document, this information is subject to change without notice, and published device/system functions and features are subject to firmware version. Please check our website for the latest system specifications and certifications.

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