



# 2.4GHz Radio Pack Product Specifications

CRP-22-2400 / CRP-44-2400 / CRP-22-2400CE\* / CRP-44-2400CE\*

## Overview

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

## Key Features

- Compact size and light weight (369 g/13 oz.)
- 7 kHz digital audio for excellent voice quality
- Familiar volume/talk user interface
- Large informative and easy-to-read display
- Isolated wireless conference (ISO) function
- Assignable function buttons (x2)
- Access to up to 1,024 conferences
- 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?

- Radio Pack
- Lithium-Polymer Rechargeable Battery
- USB A to Micro B Cable
- Battery Charger/Power Supply
- Product Overview Guide
- Warranty Extension Registration Card

## Accessories

- PBT-LIP-01 Rechargeable Lithium-Polymer Battery
- PBT-5BAY-01 5-bay Battery Charger
- PHS-SB100 Single-Ear SmartBoom® PRO Headset
- PHS-SB200 Dual-Ear SmartBoom® PRO Headset
- PHS-SB10L Single-Ear SmartBoom® LITE Headset

Radio Pack Specification**	CRP-22-2400	CRP-44-2400
RF Frequency (MHz)	2400–2483 MHz	
RF Scheme	FHSS with TDMA	
Effective Radiated Power	100 mW (+20 dBm)	
Receiver Sensitivity	-100 dBm at 10 <sup>-5</sup> 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	
Conferences	2	4
Simultaneous Listen Paths	True Dual Listen	True Quad Listen
Volume Knobs	2	4
Talk Buttons	2	4
Headset Connector	4-pin male XLR	
Microphone Type	Auto Detect or Manual Select; Dynamic or Electret	
LCD Display	280 × 64 resolution	
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	Under 3 hours	
Optional Power	3 Standard AA alkaline batteries	
Battery Life, Alkaline batteries	Approximately 5 hours	
Dimensions (L x W x H)	11.43 cm × 11.61 cm × 5.87 cm (4.50 in. × 4.57 in. × 2.31 in.)	
Weight (with Lithium-Polymer battery)	369 g (13 oz.)	
Material	Polycarbonate substrate with thermoplastic elastomer overmold	
Operating Environment	-20° to 50° C (-4° to 122° F); 10% to 90% Humidity. RP Power Adapter is 0 to 40° C (32° to 104° F).	
Maximum Altitude	3,000 m (9,842 ft.)	
RoHS Compliant	Yes	



CRP-22-2400 / CRP-22-2400CE  
2-Volume / 2-Conference  
2.4GHz Radio Pack



CRP-44-2400 / CRP-44-2400CE  
4-Volume / 4-Conference  
2.4GHz Radio Pack

CE \*CRP-44-2400CE and CRP-22-2400CE models meet the same specifications and comply 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. Please check our website for the latest system specifications and certifications.

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