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 beltpack 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?
- CRP-22-2400 / CRP-44-2400 / CRP-22-2400CE / CRP-44-2400CE   Radio Pack
- PBT-LIP-01   Lithium-Polymer Rechargeable Battery
- 00003402   USB A to Micro B Cable
- 00003475   Multi-blade Worldwide Battery Charger/Power Supply
- D0000287   Product Overview Guide
- D0000219   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-SB11L   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^{-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	
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, AA 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 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-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.

** 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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