



MicroCom 900XR Product Specifications

BeltPack Models: PMC-900XR, PMC-900XR-AN

Overview

Rugged and durable, the MicroCom 900XR 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 900XR 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 900XR a perfect solution for crews to stay connected, be productive, and focus on job safety.

900XR BeltPack 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
- Pack-to-Pack Communication
- Unlimited Shared Users
- Unlimited Listen-Only 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
- Multiple Headset and Earset Options

What's in the Box?

- BeltPack
- Li-Ion Battery (BT-01)
- USB Charging Cable
- BeltPack Antenna (Attach to beltpack prior to operation.)
- Quick Start Guide
- Product Registration Card

Optional Accessories

- ANT-900-01: Replacement Antenna
- BT-01: Replacement Lithium-Ion Battery
- PAC-USB6-CHG: MicroCom 6-Port USB Charger
- PAC-MCXR-5CASE: IP67-Rated MicroCom Hard Carry Case
- PAC-MC-SFTCASE: MicroCom Soft Travel Case
- PBT-XRC-55: MicroCom XR 5+5 Drop-In BeltPack and Battery Charger
- PMC-REC-900(AN): MicroCom 900XR Receiver
- PAC-MC4W-IO: Pliant 4-Wire In/Out and Two-Way Radio Headset Adapter for MicroCom XR series
- ANT-EXTMAG-01: MicroCom XR 1dB External Magnetic 900MHz / 2.4GHz Antenna
- CAB-4F-DMG: MicroCom to AD903 DMG to XLR-4F Cable
- PAC-TRI-6FT: MicroCom 6-Foot Compact Tripod Kit
- Selection of compatible headsets (see 900XR Manual for more details)

Specification*	900XR	900XR-AN**
Radio Frequency Type	902-928 MHz	915-928 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	25
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	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	



MicroCom 900XR
BeltPack

Pliant Technologies, LLC
205 Technology Parkway
Auburn, Alabama 36830 USA
www.plianttechnologies.com
Phone +1.334.321.1160
Fax +1.334.321.1162

*Notice about Product Specifications: While Pliant makes every effort 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. 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.

**PMC-900XR-AN is approved for use in Australia and New Zealand and operates within the 915-928 MHz frequency range.

Copyright ©2022 Pliant Technologies, LLC. All rights reserved. Pliant®, MicroCom®, and the Pliant "P" are registered trademarks of Pliant Technologies, LLC. All other trademarks are property of their respective owners.

PMC-900XR_DATASHEET_9.8.2022

MICROCOM[®]
900XR