



# 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
- 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

| 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)<br>[122.7 mm (H) × 67 mm (W) × 31 mm (D)] |             |
| Weight  | 6.35 oz. (180 g)   |             |
| Display   | OLED   |             |

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\*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.

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## 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 for MicroCom 900XR BeltPack
- BT-01: Replacement Lithium-Ion Battery for use with MicroCom 900XR BeltPack
- PAC-USB5-CHG: MicroCom 5-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
- Selection of compatible headsets (see 900XR Manual for more details)
- PMC-REC-900(AN): MicroCom 900XR Receiver
- PAC-INT-IO: Wired Intercom and Two Way Radio Interface Adapter
- ANT-EXTMAG-01: MicroCom XR 1dB External Magnetic 900MHz / 2.4GHz Antenna



MicroCom 900XR  
BeltPack

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