



# MicroCom 900M Product Specifications

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

## Overview

Full-duplex, hands-free wireless communication is at its simplest with the MicroCom 900M. Ease of set-up, ease of use, and the compact size make the 900M ideal for small to medium-sized teams across a range of applications. With up to 5 full-duplex users as well as the capability to provide unlimited listeners and unlimited shared talk users without the need for a basestation, the 900M has the flexibility to keep crews connected in real-time and without pushing buttons. For those jobs where budget and quality are critical, the 900M delivers in both price and performance.

## 900M BeltPack Key Features

- Economical Single-Channel System
- Simple to Operate
- Up to 5 Full-Duplex Users
- Unlimited Shared Users
- Unlimited Listen-Only Users
- 900MHz Frequency Band
- Encrypted FHSS Technology
- Small and Lightweight
- Water-Resistant Construction
- Approx. 8-Hour Battery Life
- Low latency (less than 35 ms)
- Multiple Headset and Earset Options

## What's in the Box?

- BeltPack
- Holster
- Lanyard
- USB Charging Cable
- Quick Start Guide
- Product Registration Card

## Optional Accessories

- PAC-USB6-CHG: MicroCom 6-Port USB Charger
- ACC-USB2-CHG: 2-Port USB Vehicle Charger
- PAC-MC-SFTCASE: MicroCom Soft Travel Case
- PAC-MCXR-5CASE: MicroCom Hard Travel Case
- BT-11: Replacement Li-Ion Battery
- CAB-4F-DMG: MicroCom to AD903 DMG to XLR-4F Cable
- Selection of compatible headsets (see 900M Manual for more details)

Specification*	900M	900M-AN**
Radio Frequency Type	902-928 MHz	915-928 MHz
Radio Interface	FSK with Frequency Hopping	
Voice Codec	16 bit / 16 kHz	
Tx Max Output Power	100 mW	
Rx Sensitivity	-95 dBm	
Frequency Channels	78 channels	
Channel Spacing	2 MHz	
Data Rate	2 Mbps	
Maximum Full-Duplex Users	5	
Number of Shared Users	Unlimited	
Number of Listen Only Users	Unlimited	
Data Rate	2 Mbps	
Battery Type	Rechargeable 3.7 V, 1,100 mA Li-ion fixed battery	
Battery Life	Approx. 8 hours	
Charge Type	USB Micro, 5V 1-2A	
Power Consumption Average	10 mA at Class 1 (100 mW)	
Frequency Response	50 Hz - 7 kHz	
Dimension	3.9 in. (H) × 1.9 in. (W) × 0.7 in. (D) [98 mm (H) × 49 mm (W) × 17 mm (D)]	
Weight	3.1 oz. (88 g)	
Display	7-segment LCD	



MicroCom 900M BeltPack

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

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900M