



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
- Neck Strap
- USB Charging Cable
- Quick Start Guide
- Product Registration Card

Optional Accessories

- PAC-USB5-CHG: MicroCom 5-Port USB Charger
- PAC-MC-SFTCASE: MicroCom Soft Travel Case
- PAC-MCXR-5CASE: MicroCom Hard Travel Case
- CAB-4F-DMG: MicroCom to AD903 DMG to XLR 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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