

CUSTOMER SUPPORT

Pliant Technologies offers technical support via phone and email from 07:00 to 19:00 Central Time (UTC-06:00), Monday through Friday.

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You may also visit our website (www.plianttechnologies.com) for live chat help. (Live chat available 08:00 to 17:00 Central Time (UTC-06:00), Monday through Friday.)

Additional Documentation

This is a quick start guide. For additional details on menu settings, device specifications, and product warranty, view the full MicroCom 900XR Operating Manual on our website. (Scan this QR code with your mobile device to navigate there quickly.)



IN THIS BOX

WHAT'S INCLUDED WITH MICROCOM 900XR?

- BeltPack
- Li-Ion Battery (Installed during shipment)
- USB Charging Cable
- BeltPack Antenna (Reverse-threaded; attach to beltpack prior to operation.)
- Quick Start Guide
- Product Registration Card

ACCESSORIES

OPTIONAL ACCESSORIES

- 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: MicroCom XR Receiver
- ANT-EXTMAG-01: MicroCom XR 1dB External Magnetic 900MHz / 2.4GHz Antenna
- PAC-MC4W-IO: Audio In/Out Headset Adapter for MicroCom XR series
- Selection of compatible headsets (see Pliant website for more details)



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QUICK START GUIDE

MICROCOM® 900XR



For more information visit
www.plianttechnologies.com

SETUP

1. **Attach the backpack antenna.** It is reverse threaded; screw counter-clockwise.
2. **Connect a headset to the backpack.** Press firmly until it clicks to make sure the headset connector is seated properly.
3. **Power on.** Press and hold the **Power** button for 2 seconds until the screen turns on.
4. **Access the menu.** Press and hold the **Mode** button for 3 seconds until the screen changes to **<Setting Mode>**. Short-press **Mode** to scroll through the settings, and then scroll through setting options using **Volume +/-**. Press and hold **Mode** to save your selections and exit the menu.
 - a. **Select a group.** Select a group number from 00–51 (or 00-24 for PMC-900XR-AN model).
IMPORTANT: Backpacks must have the same group number to communicate.
 - b. **Select an ID.** Select a unique ID number.
 - Repeater* Mode ID options: M, 01–08, S, or L.
 - One backpack *must always* use the “M” ID and serve as the master backpack for proper system function.
 - Listen-only backpacks must use the “L” ID. You may duplicate ID “L” on multiple backpacks.
 - Shared backpacks must use the “S” ID. You may duplicate ID “S” on multiple backpacks, but only one shared backpack may talk at a time.
 - When using “S” IDs, the last full-duplex ID cannot be used (“08” in Repeater Mode).
 - c. **Confirm backpack’s security code.** All backpacks must use the same security code to work together as a system.

**Repeater Mode is the default setting. See the MicroCom 900XR Manual for information about modes, how to change the mode, and each mode’s settings.*

OPERATION

- **LED Modes** - Blue (double blink) when logged in. Blue (single blink) when logged out. Red when battery charging is in progress (LED turns off when charging is complete).
- **Lock** - To toggle between Lock and Unlock, press and hold the **Talk** and **Mode** buttons simultaneously for 3 seconds. “Lock” appears on the OLED when locked.
- **Volume Up and Down** - Use the **+** and **-** buttons to control the headset volume. “Volume” and a stair-step indicator display the backpack’s current volume setting on the OLED. You will hear a beep in your connected headset when volume is changed. You will hear a different, higher-pitched beep when maximum volume is reached.
- **Talk** - Use the **Talk** button to enable or disable talk for the device. “TALK” appears on the OLED when enabled.
 - » Latch talking: A single, short press of the button.
 - » Momentary talking: Press and hold the button for 2 seconds or longer; talk will remain on until the button is released.
 - » Shared users (“S” ID) utilize momentary talking. Only one Shared user can talk at a time.
- **Mode** - Short-press the **Mode** button to toggle between the channels enabled on the backpack. Long-press the **Mode** button to access the menu.

Multiple MicroCom Systems

Each separate MicroCom system should use the same Group and Security Code for all backpacks in that system. Pliant recommends that systems operating in proximity to one another set their Groups to be at least ten (10) values apart. For example, if one system is using Group 03, another system nearby should use Group 13.

Battery

- Battery life: Approx. 12 hours
- Charge time from empty: Approx. 3.5 hours (USB port connection) or approx. 6.5 hours (drop-in charger)
- Charging LED on the backpack will illuminate red while charging and will turn off when charging complete.
- The backpack may be used while charging, but doing so may lengthen charge time.

Menu Options

Aside from Group and User ID, the following settings are adjustable from the backpack menu.

Menu Setting	Default	Options
Side Tone	On	On, Off
Mic Gain	1	1–8
Channel A	On	On, Off
Channel B*	On	On, Off
Security Code	0000	Alpha-numeric
Dual Listen*	Off	On, Off

**Channel B and Dual Listen not available in Roam Mode.*

Recommended Settings by Headset

Headset Type	Recommended Setting
	Mic Gain
SmartBoom LITE and PRO	1
MicroCom in-ear headset	7
MicroCom lavalier microphone and eartube	5