

PLIANT TECHNOLOGIES 900XR Wireless Intercom



PLIANT TECHNOLOGIES 900XR Wireless Intercom User Guide

[Home](#) » [PLIANT TECHNOLOGIES](#) » PLIANT TECHNOLOGIES 900XR Wireless Intercom User Guide 

Contents

- [1 PLIANT TECHNOLOGIES 900XR Wireless Intercom](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 FAQ](#)
- [5 IN THIS BOX](#)
- [6 ACCESSORIES](#)
- [7 Overview](#)
- [8 SETUP](#)
- [9 OPERATION](#)
- [10 Battery](#)
- [11 CUSTOMER SUPPORT](#)
- [12 Documents / Resources](#)
 - [12.1 References](#)



PLIANT TECHNOLOGIES 900XR Wireless Intercom



Product Information

Specifications

- **Brand:** MicroCom 900XR
- **Model:** Beltpack
- **Power Source:** Battery
- **Support Hours:** 07:00 to 19:00 Central Time (UTC-06:00), Monday through Friday

Product Usage Instructions

Setup

1. Attach the beltpack antenna. It is reverse threaded; screw counter-clockwise.
2. Connect a headset to the beltpack. Press firmly until it clicks to ensure proper connection.
3. Power on. Press and hold the Power button for 2 seconds until the screen turns on.

Operation

Multiple MicroCom Systems:

Each separate MicroCom system should use the same Group and Security Code for all belt packs in that system. Systems operating in proximity should set their Groups at least ten (10) values apart.

Menu Options:

Menu Setting	Default	Options
Side Tone	On	1, Off
Mic Gain	On	1, 7

FAQ

- **How do I charge the beltpack battery?**

The beltpack charges automatically when connected to a power source. It will turn off when charging is complete.

- **Can I use the beltpack while it's charging?**

Yes, you can use the beltpack while it's charging, but this may lengthen the charge time.

- **How can I contact customer support?**

You can contact Pliant Technologies customer support via phone at 1.844.475.4268 or +1.334.321.1160, or by email at customer.support@plianttechnologies.com. Support is available from 07:00 to 19:00 Central Time, Monday through Friday.

- **Where can I find additional documentation?**

You can find the full MicroCom 900XR Operating Manual on the Pliant Technologies website. Visit www.plianttechnologies.com for more details.

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-SMCASE:** MicroCom Small Hard Carry 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)

Overview



SETUP

1. Attach the beltpack antenna. It is reverse threaded; screw counter-clockwise.
2. Connect a headset to the beltpack. 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.
 - Select a group. Select a group number from 00–51 (or 00- 24 for the PMC-900XR-AN model).
IMPORTANT: BeltPacks must have the same group number to communicate.
 - Select an ID. Select a unique ID number.
 - Repeater* Mode ID options: M, 01–08, S, or L.
 - One beltpack must always use the “M” ID and serve as the master beltpack for proper system function.
 - Listen-only belt packs must use the “L” ID. You may duplicate ID “L” on multiple belt packs.
 - Shared belt packs must use the “S” ID. You may duplicate ID “S” on multiple belt packs, but only one shared beltpack may talk at a time.
 - When using “S” IDs, the last full-duplex ID cannot be used (“08” in Repeater Mode).
 - Confirm the belt pack’s security code. All belt packs 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 belt pack's current volume setting on the OLED. You will hear a beep in your connected headset when the 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 beltpack. 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 belt packs 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.

Menu Options

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

Menu Setting	Default	Options
Side Tone	On	On, Of
Mic Gain	1	1–8
Channel A	On	On, Of
Channel B*	On	On, Of
Security Code	0000	Alpha-numeric
Dual Listen*	Of	On, Of
Top Button*	Of	See Manual
Talk Mode	Latching	Latching, Momentary, Always On
Display Mode	Always On	Always On, Auto Of

- 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 ear tube	5

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)
- The charging LED on the beltack will illuminate red while charging and will turn off when charging is complete.

The beltack may be used while charging, but doing so may lengthen charge time.

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.

- 1.844.475.4268 or +1.334.321.1160
- customer.support@plianttechnologies.com

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.)



For more information visit www.plianttechnologies.com.

Documents / Resources

	PLIANT TECHNOLOGIES 900XR Wireless Intercom [pdf] User Guide 900XR Wireless Intercom, 900XR, Wireless Intercom, Intercom
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References

- [User Manual](#)

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