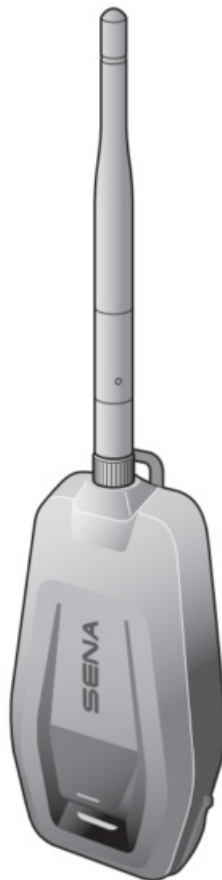




SENA MP-03 MeshPort Red Bluetooth to Mesh Intercom Adapter For Phone or Tablet PC User Guide

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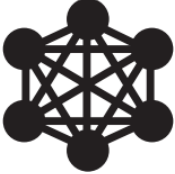
**MESHPORT RED
BLUETOOTH TO MESH INTERCOM ADAPTER FOR
PHONE OR TABLET PC
QUICK START GUIDE**

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PRODUCT FEATURES

The easy-to-use MeshPort Red will turn any Smartphone or Tablet PC into a more advanced and flexible communication device with the simple push of a button.

	Bluetooth ® 4.1
	Mesh Intercom™ up to 0.8 km (0.5 mi)*

* in open terrain

GETTING STARTED

1. Update this product for free with the latest firmware to fully enjoy the new advanced features built into this product. Visit senaindustrial.com to see how to update your product.
2. Users can follow Sena on Facebook, YouTube, Twitter, and Instagram to receive the most up-to-date information on products, helpful tips, and all other announcements regarding Sena products.


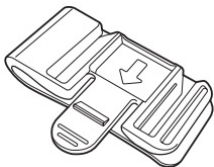
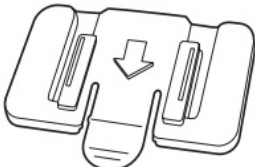


ABOUT THE MESHPORT RED

1.1 Product Details



1.2 Package Contents

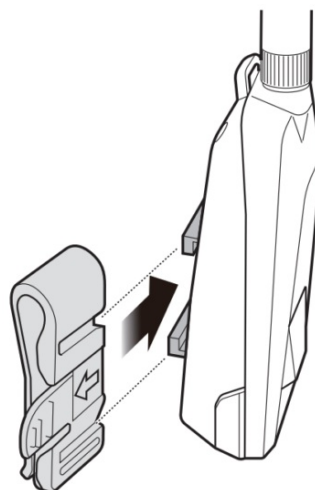
Main Unit		Mesh Intercom Antenna
Belt Clip Mount		Rubber Strap Mount
Flat Surface Mount		USB Power & Data Cable

1.3 Installing the MeshPort Red

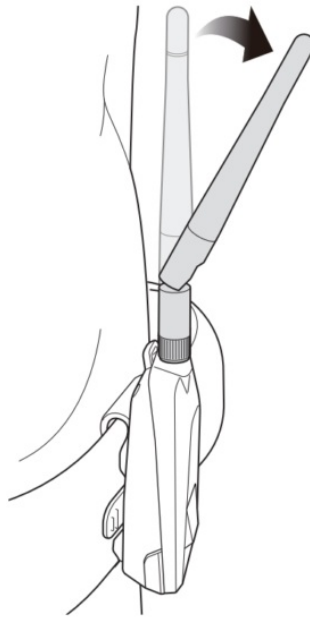
Install the **MeshPort Red** where the antenna is not blocked by the human body as much as possible. When the human body is blocking the antenna, the **Mesh Intercom** signal strength will be weakened.

1.3.1 Using the Belt Clip Mount

1. Attach the belt clip mount to the back of the unit along the guide rail, as shown in the illustration until you hear a click.



2. Mount the assembled unit in a convenient location, such as on your belt, with the antenna upwards.
3. Angle the antenna away from you to prevent it from interfering with your movement.



1.3.2 Using the Rubber Strap Mount

1. Place the rubber strap mount on the object, wind the rubber band around the object, and hang it on the hook.
2. Attach the rubber strap mount on the back of the main unit along the guide rail until you hear a click.

1.3.3 Attaching the Flat Surface Mount

1. Locate an appropriate surface for attaching the flat surface mount, clean the mounting surface with a moistened towel, and allow it to dry thoroughly.
2. Peel off the cover of the adhesive tape of the flat surface mount and attach it to the surface.
3. Attach the flat surface mount on the back of the main unit along the guide rail until you hear a click.

Note: Make sure that the main unit sticks to the surface firmly. Maximum adhesion occurs after 24 hours.

GETTING STARTED

2.1 Downloadable Sena Software

2.1.1 Sena MeshPort App

You can use the **Sena MeshPort App** without pairing your **Smartphone** to the **MeshPort Red**.


- Download
 - Android: Google Play Store > '**Sena MeshPort**'
 - iOS: App Store > '**Sena MeshPort**'

2.1.2 Running the Sena MeshPort App

1. Turn on the product.
2. Press and hold the **Multifunction Button** for **5 seconds** to enter **Bluetooth Pairing**.
3. Launch the **Sena MeshPort App** on your **Smartphone**.

4. Scan the product in the app.

- When you launch the app, the product is automatically scanned.

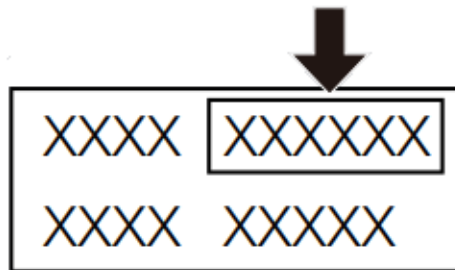
- Tap the Scan icon () to manually scan the product.

5. After scanning is complete, select the scanned product in the app.

Note:

- If the product has not been scanned in the app, please update the product to the latest firmware.
- **How to identify the scanned product in the app**

You can identify the product by the **six-letter code** on the label on the back of your product.



2.1.3 Sena Device Manager

The **Sena Device Manager** allows you to upgrade the firmware from your PC or Apple computer. Download the **Sena Device Manager** from senaindustrial.com.

2.2 Powering On and Off

To power on the **MeshPort Red**, press and hold the **Multi-function button** for **1 second**. The LED flashes blue. To power off the **MeshPort Red**, press and hold the **Multifunction Button** for **1 second**. The LED flashes red once.

2.3 Charging

The **MeshPort Red** can be charged using many common methods via the supplied USB power & data cable. The LED turns red while the **MeshPort Red** is charging and turns blue when it is fully charged. Depending upon the charging method, the **MeshPort Red** will be fully charged in about 2 hours.

Note:

- Any 3rd party USB charger can be used with Sena products if the charger is approved by either the FCC, CE, IC, or other locally approved agencies that Sena accepts.
- The **MeshPort Red** is compatible with 5 V input USB charged devices only.

2.4 Checking the Battery Level

When the **MeshPort Red** is powering on, the red LED flashes rapidly indicating the battery level.

4 flashes = High, 70~100%

3 flashes = Medium, 30~70%

2 flashes = Low, 0~30%

Note:

- The battery performance may be reduced over time with usage.
- Battery life may vary depending on conditions, environmental factors, functions of the product in use, and devices used with it.

MESH INTERCOM

3.1 What is Mesh Intercom

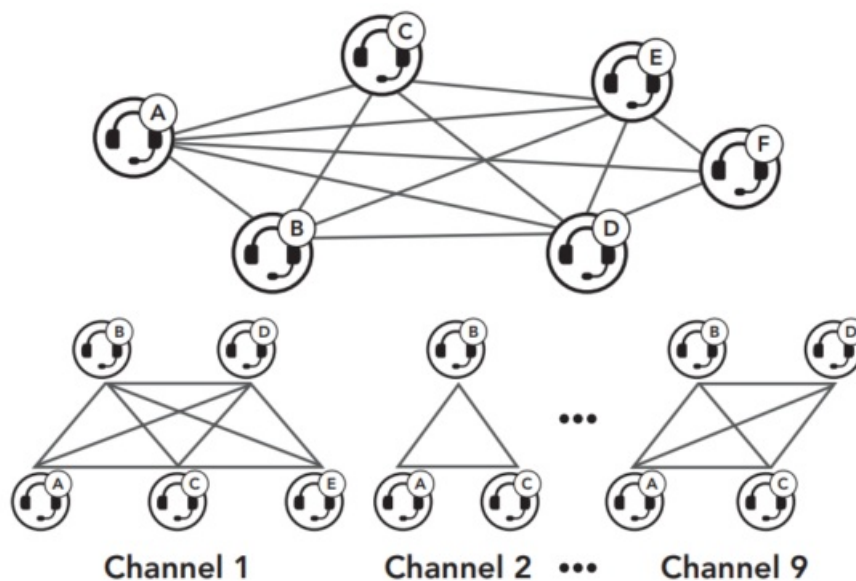
Sena proposes using **Mesh Intercom™**, which provides instant and effortless communication without a regrouping process.

Mesh Intercom allows users to connect and communicate with nearby users without the need to pair each **Mesh Product** together.

The **MeshPort Red** working distance can be up to 0.8 km (0.5 mi) in open terrain.

3.1.1 Open Mesh

Open Mesh is an open group intercom function. Users can freely communicate with each other in the same **Open Mesh** channel and select which channel (1-9) to use through the **Sena MeshPort App**. It can connect with a virtually unlimited number of users in each channel.



USING THE MESHPORT RED

4.1 About the MeshPort Red

The **MeshPort Red** is a repeater that allows the party calling your **Smartphone** or in the conversation using a **Tablet PC** to join the **Mesh Intercom** conversation while your device is paired to the **MeshPort Red**.

Note:

- Since the **MeshPort Red** performs the repeater function only, you need a Sena **MeshPort Blue** or **Tuftalk M**

to join a **Mesh Intercom** conversation. Please contact Sena or a distributor for purchase information.

- **MeshPort Red** users cannot have **Mesh Intercom** conversations with each other.

4.2 Bluetooth Pairing

Any **Smartphones or Tablet PC** can be connected to the **MeshPort Red** if they support the Bluetooth Hands-Free Profile (HFP). Before using **Mesh Intercom**, you will need to pair a compatible **Smartphone or Tablet PC** for the first time. The Bluetooth pairing operation is only required once for each **Smartphone or Tablet PC**. The MeshPort Red remains paired with the **Smartphone or Tablet PC** and automatically connects to the paired Smartphone (Tablet PC) again when they are within range of each other.

Note:

- The MeshPort Red supports pairing with only one Smartphone or Tablet PC.
- The Mesh Intercom audio quality depends on the connected Smartphone or Tablet PC.
- Some Smartphones or Tablet PCs may not work properly when connected to MeshPort Red.

There are three ways to pair the **Smartphone or Tablet PC**.

4.2.1 Initially Bluetooth Pairing the MeshPort Red

The **MeshPort Red** will automatically enter the **Bluetooth Pairing mode** when you **initially turn on the MeshPort Red** or in the following situations:

- Rebooting after executing **Factory Reset**
1. Press and hold the **Multifunction Button** for **1 second** (Power On). The LED will flash **red and blue** alternately.
 2. Search for a Bluetooth device on your **Smartphone or Tablet PC**. Select the **MeshPort Red** in the list of devices detected on the **Smartphone or Tablet PC**. They will automatically connect to each other.
 3. When the LED flashes **green** on the **MeshPort Red**, the pairing is completed. When the pairing is completed, **Mesh Intercom** will turn on automatically.

4.2.2 Bluetooth Pairing When the MeshPort Red is Turned Off

1. To enter **Bluetooth Pairing**, press and hold the **Multifunction Button** for **5 seconds** until the LED flashes **red and blue** alternately when the **MeshPort Red** is turned off.
2. Search for Bluetooth devices on your **Smartphone or Tablet PC** and select **MeshPort Red** from the list of devices detected on the **Smartphone or Tablet PC**. They will automatically connect to each other.
3. When the LED flashes **green** on the **MeshPort Red**, the pairing is completed. When the pairing is completed, **Mesh Intercom** will turn on automatically.

4.2.3 Bluetooth Pairing When the MeshPort Red is Turned On

1. To enter Bluetooth Pairing, press and hold the **Multifunction Button** for **5 seconds** until the LED flashes **red and blue** alternately when the **MeshPort Red** is turned on.
2. Search for Bluetooth devices on your **Smartphone or Tablet PC** and select **MeshPort Red** from the list of devices detected on the **Smartphone or Tablet PC**. They will automatically connect to each other.

3. When the LED flashes **green** on the **MeshPort Red**, the pairing is completed. When the pairing is completed, **Mesh Intercom** will turn on automatically.

4.3 Starting Mesh Intercom

4.3.1 Mesh Intercom On and Off

1. To start **Mesh Intercom**, tap the **Multi-function** Button. The LED flashes **green**.
2. To terminate **Mesh Intercom**, tap the **Multi-function Button**.

Note:

- When you turn on **Mesh Intercom**, the party calling your **Smartphone or Tablet PC** paired with the **MeshPort Red** is ready to join the **Mesh Intercom** conversation.
- Turning on **Mesh Intercom** disables the speaker and microphone of the paired **smartphone or Tablet PC**.

4.3.2 Phone Call and Answering

When you answer a phone call from a calling party while **Mesh Intercom** is on, you can engage the calling party in the **Mesh Intercom** conversation.

- To answer an incoming call, tap the **Multi-function** Button.
- To end a call, press and hold the **Multifunction Button** for **1 second**.
- To reject an incoming call, press and hold the **Multi-function button** for **1 second**.

Note:

- To end the **Mesh Intercom** conversation, press and hold the **Multifunction Button** for **1 second** to hang up.
- If you call the other party's **Smartphone or Tablet PC** while **Mesh Intercom** is on, the called party will automatically join the **Mesh Intercom** conversation.

4.3.3 Mesh Intercom Reconnection

If a Bluetooth connection between the **MeshPort Red** and a **Smartphone or Tablet PC** is disconnected, tap the **Multifunction Button** to reconnect the two devices.

4.4 Using the Mesh in Open Mesh

When **Mesh Intercom** is enabled, the **MeshPort Red** will be in **OpenMesh** (default: channel 1) initially.

4.4.1 Channel Setting (Default: Channel 1)

If the **Open-Mesh** communication experiences interference because other groups are also using **channel 1 (default)**, change the channel. You can select from channels 1 to 9.

- You can only change the channel through the **Sena MeshPort App**.

4.5 Muting the Microphone (Default: Unmute)

1. To **mute** the microphone, double-tap the **Multi-function** Button. The purple LED will flash.
2. To **unmute** the microphone, double-tap the **Multifunction** Button. The purple LED will flash twice.

Note:

1. The mute and unmute function only works if **Mesh Intercom** is on.
2. After turning off your MeshPort Red or turning off the **Mesh Intercom**, the **Mute** setting will return to default (**Unmute**).
3. The mute and unmute function does not work in **Mesh Intercom** Repeater Mode.

4.6 Mesh Intercom Repeater Mode

The **MeshPort Red** can be used as a **Mesh Intercom Repeater** without **Bluetooth pairing** with a **Smartphone or Tablet PC**.

1. Execute **Factory Reset**.
2. Turn on the **MeshPort Red** and triple-tap the **Multifunction Button** during the initial Bluetooth pairing.
3. The **MeshPort Red** will operate in **Mesh Intercom Repeater Mode**.
 - In **Mesh Intercom Repeater Mode**, **Mesh Intercom** will start automatically when the power is on.

Note:

- In **Mesh Intercom Repeater Mode**, only the following features can be executed:
 - **Power on/off**
 - **Factory Reset**
- If you want to pair with the **Smartphone or Tablet PC**, execute **Factory Reset** and proceed with **Bluetooth pairing**, referring to section 4.2 on page 14.

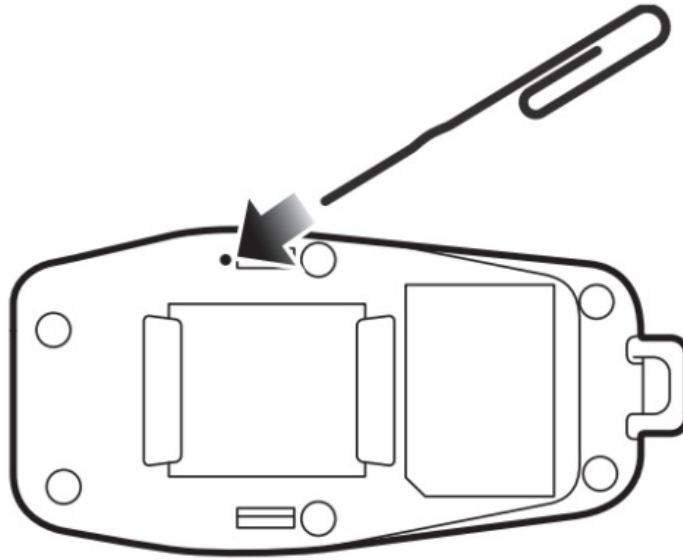
TROUBLESHOOTING

5.1 Firmware Upgrade

The **MeshPort Red** supports firmware upgrades. You can update the firmware using the **Sena Device Manager**. Please visit Sena Industrial website at senaindustrial.com to check the latest software downloads.

5.2 Fault Reset

When the **MeshPort Red** is not working properly or is in faulty status for any reason, you may reset it by pushing the **Pin-hole Reset Button** at the back of the main unit.



5.3 Factory Reset

If you want to restore the **MeshPort Red** to factory default settings, execute **Factory Reset**. Press and hold the **Multi-funtion Button** for **11 seconds** until the LED flashes white, the **MeshPort Red** automatically restores the default settings and turns off.

QUICK REFERENCE

Type	Operation	Button Command
Basic Function	Power on/off	Press and hold the Multifunction Button for 1 second
Bluetooth Pairing		<ul style="list-style-type: none"> •Press and hold the Multi-function button for 5 seconds when the MeshPort Red is turned off •Press and hold the Multifunction Button for 5 seconds when the MeshPort Red is turned on
Intercom™	Mesh Intercom on/off	Tap the Multi-function Button
Mobile Phone	Answer a Phone Call	Tap the Multi-function Button
	End a Phone Call	Press and hold the Multifunction Button for 1 second
	Reject a call	Press and hold the Multifunction Button for 1 second
Factory Reset		Press and hold the Multifunction Button for 11 seconds

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providing prior notice.

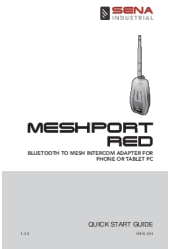
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Documents / Resources

	Sena MP-03 MeshPort Red Bluetooth to Mesh Intercom Adapter For Phone or Tablet PC [pdf] User Guide MP-03, MeshPort Red Bluetooth to Mesh Intercom Adapter For Phone or Tablet PC
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References

- [Sena Industrial US | Communication Technology with Superior Industrial Performance | Sena](#)