



## SENA INDUSTRIAL Meshport Blue Bluetooth To Mesh Intercom Adapter For General Bluetooth Headsets User Guide

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## PRODUCT FEATURES

The easy-to-use MeshPort Blue will turn any General Bluetooth headsets into a more advanced and flexible communication device with the simple push of a button.

The MeshPort Blue for General Bluetooth headsets allows for seamless communication with other General Bluetooth headsets connected with MeshPort Blue.



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](http://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 BLUE

### Product Details

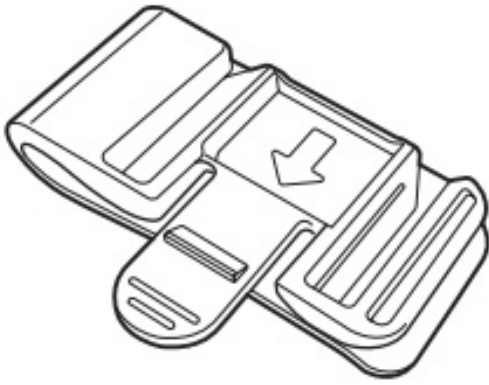


### Package Contents

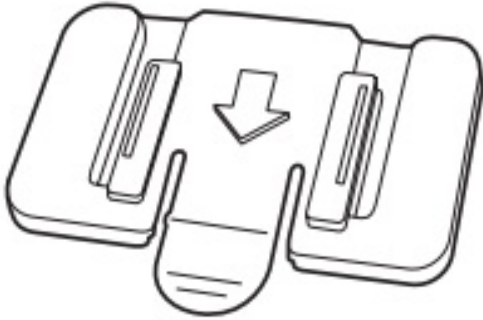
- Main Unit



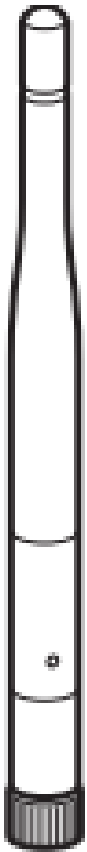
- Belt Clip Mount



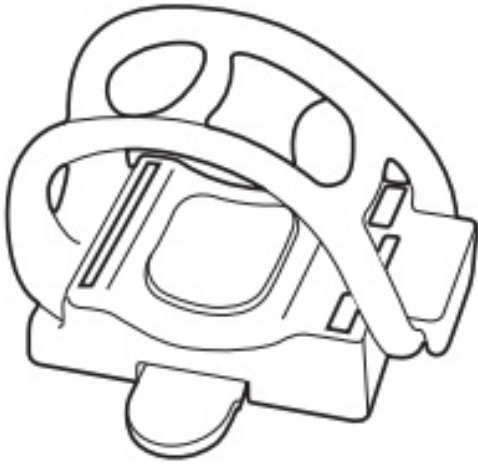
- Flat Surface Mount



- Mesh Intercom Antenna



- Rubber Strap Mount



- USB Power & Data Cable

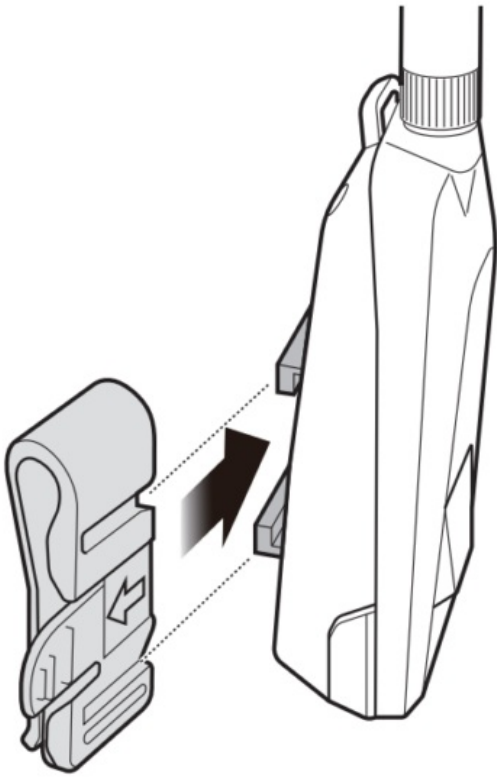


### **Installing the MeshPort Blue**

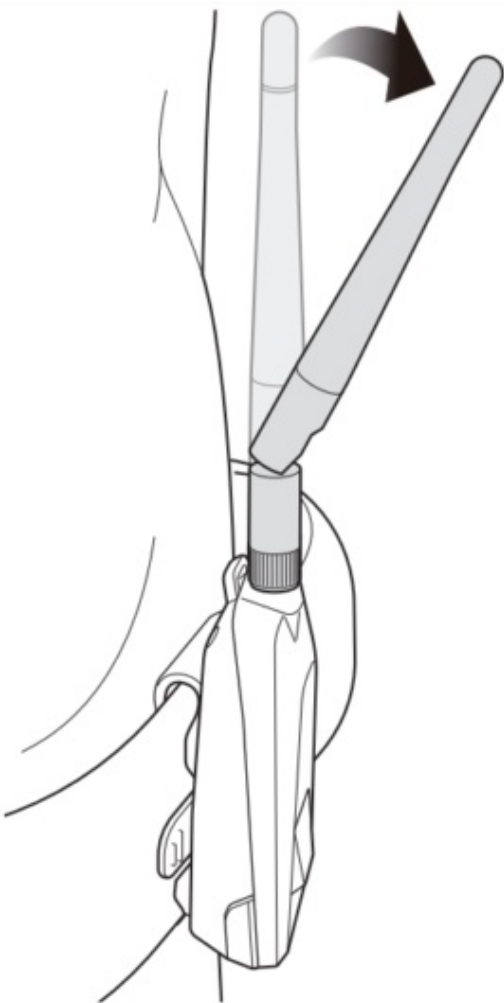
Install the MeshPort Blue where the antenna is not blocked by the human body as much as possible. When the human body is blocking the antenna, the Mesh Intercom signal strength will be weakened.

### **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.



#### 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.

### 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 on the surface firmly. Maximum adhesion occurs after 24 hours.

## GETTING STARTED

### Downloadable Sena Software

#### Sena MeshPort App

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

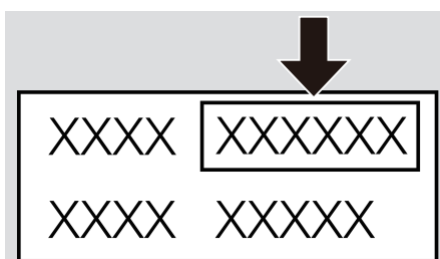
- Download
  - Android: Google Play Store > 'Sena MeshPort'
  - iOS: App Store > 'Sena MeshPort'

### Running the Sena MeshPort App

1. Turn on the product.
2. Press and hold the Multi-function 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 (Q) 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.



## 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](https://senaindustrial.com).

## Powering On and Off

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

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

## Charging

The MeshPort Blue can be charged using many common methods via the supplied USB power & data cable. The LED turns red while the MeshPort Blue is charging and turns blue when it is fully charged. Depending upon the charging method, the MeshPort Blue 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 Blue is compatible with 5 V input USBcharged devices only

## Checking the Battery Level

When the **MeshPort Blue** 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.

## Adjusting the Mesh Intercom Volume

You can raise or lower the **Mesh Intercom** volume by using the **Sena MeshPort App**.



**Mesh Intercom** volume is set and maintained even when the **MeshPort Blue** is rebooted.

## MESH INTERCOM

### What is Mesh Intercom

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

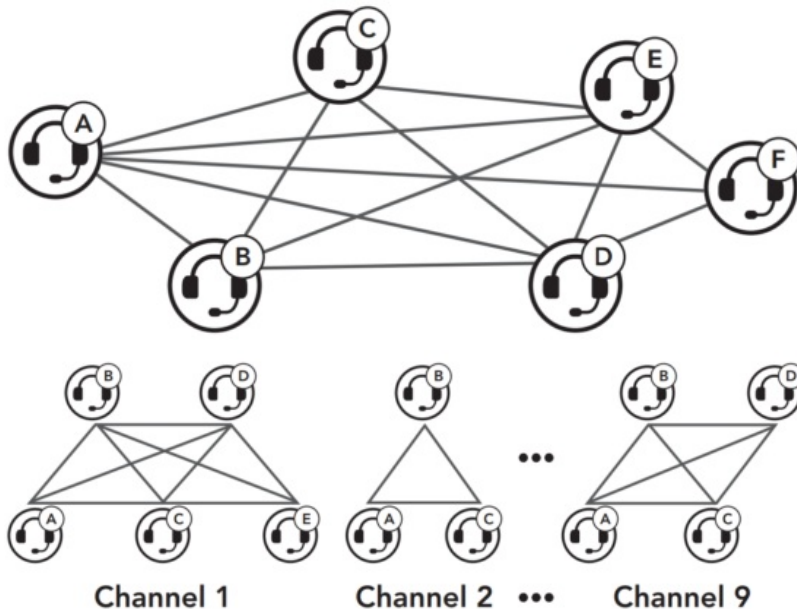
**Mesh Intercom** allows users to connect and communicate with nearby users without the need to pair each **MeshPort Blue** together.

The working distance between each **MeshPort Blue** in **Mesh Intercom** can be up to 0.8 km (0.5 mi) in open terrain. In open terrain, the **Mesh** can be extended up to 3.2 km (1.9 mi) between a minimum of 6 users. 6 users can talk at the same time for an optimized, open group intercom conversation. Users can freely connect with each other.

### 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.



### Bluetooth Pairing

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

### Note:

- The **MeshPort Blue** supports pairing with only one **General Bluetooth headset**.
- The **Mesh Intercom** audio quality depends on the connected **General Bluetooth headset**.
- Some **General Bluetooth headsets** may not work properly when connected to **MeshPort Blue**.

There are three ways to pair the **General Bluetooth headset**.

### Initially Bluetooth Pairing the MeshPort Blue

The **MeshPort Blue** will automatically enter the phone pairing mode when you **initially turn on** the **MeshPort Blue** or in the following situations:

- Rebooting after executing Factory Reset
1. Press and hold the **Multi-function Button** for 1 **second** (Power On).
  2. The LED will flash **red** and **blue** alternately
  3. Enter **Phone Pairing** of the **General Bluetooth headset** (refer to the Manual for the **General Bluetooth headset** you want to use). They will automatically connect to each other
  4. When the LED flashes **green** of the **MeshPort Blue**, the pairing is completed. When the pairing is completed, **Mesh Intercom** will turn on automatically.

### Bluetooth Pairing When the MeshPort Blue 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 Blue** is turned off.
2. Enter **Phone Pairing** of the **General Bluetooth headset** (refer to the Manual for the **General Bluetooth headset** you want to use). They will automatically connect to each other.
3. When the LED flashes **green** of the **MeshPort Blue**, the pairing is completed. When the pairing is completed, **Mesh Intercom** will turn on automatically.

### Bluetooth Pairing When the MeshPort Blue 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 Blue** is turned on.
2. Enter **Phone Pairing** of the **General Bluetooth headset** (refer to the Manual for the **General Bluetooth headset** you want to use). They will automatically connect to each other.
3. When the LED flashes **green** of the **MeshPort Blue**, the pairing is completed. When the pairing is completed, **Mesh Intercom** will turn on automatically.

### Starting Mesh Intercom

When **Mesh Intercom** is on, the **MeshPort Blue** will automatically connect to nearby **MeshPort Blue** users and allow them to talk to each other by pressing the **Multifunction Button**.

### 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.

### Mesh Intercom Reconnection

If Bluetooth connection between the **MeshPort Blue** and a **General Bluetooth headset** is disconnected, tap the **Multifunction Button** to reconnect the two devices.

### Using the Mesh in Open Mesh

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

#### 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**.

#### Muting the Microphone (Default: Unmute)

1. To **mute** the microphone, double tap the **Multi-function Button**. The purple LED will flash and you will hear a voice prompt, **"Mic off"**
2. To **unmute** the microphone, double tap the **Multifunction Button**. The purple LED will flash twice and you will hear a voice prompt, **"Mic on"**.

#### Note:

1. The mute and unmute function only works if **Mesh Intercom** is on.
2. After turning off your **MeshPort Blue** 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**.

#### Mesh Intercom Repeater Mode

The **MeshPort Blue** can be used as a **Mesh Intercom Repeater** without **Bluetooth pairing** with a **Bluetooth headset**.

1. Execute Factory Reset.
2. Turn on the MeshPort Blue and triple-tap the Multifunction Button during the initial Bluetooth pairing.
3. The MeshPort Blue 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 **Bluetooth headset**, execute **Factory Reset** and proceed with **Bluetooth pairing**, referring to section 3.2 on page 13.

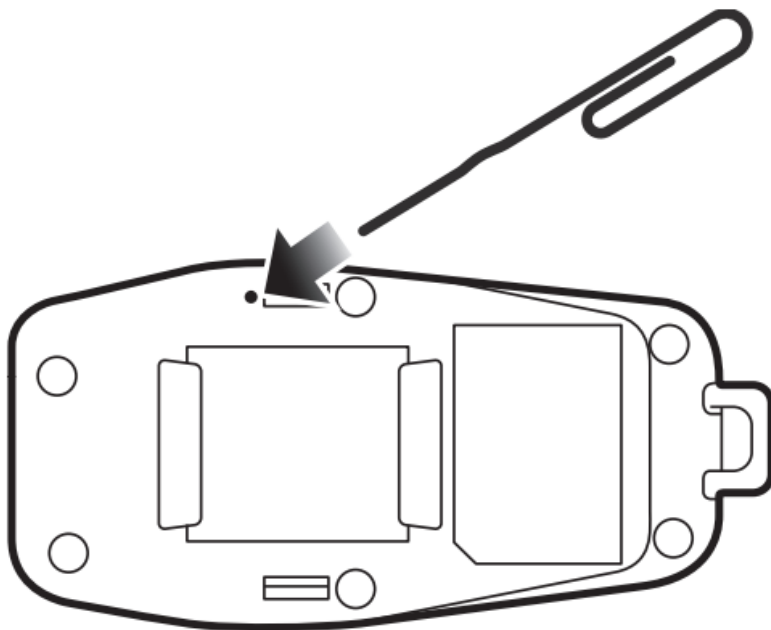
## TROUBLESHOOTING

### Firmware Upgrade

The **MeshPort Blue** supports firmware upgrades. You can update the firmware using the **Sena Device Manager**. Please visit Sena Industrial website at [senaindustrial.com](https://senaindustrial.com) to check the latest software downloads.

### Fault Reset

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



### Factory Reset

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

## QUICK REFERENCE

Type	Operation	Button Command
Basic Function	Power on/off	Press and hold the Multi-function Button for 1 second
Bluetooth Pairing		<ul style="list-style-type: none"> <li>• Press and hold the Multi-function Button for 5 seconds when the MeshPort Blue is turned off</li> <li>• Press and hold the Multi-function Button for 5 seconds when the MeshPort Blue is turned on</li> </ul>
Mesh Intercom™	Mesh Intercom on/off	Tap the Multi-function Button
	Check the channel	Triple-tap the Multi-function Button
Factory Reset		Press and hold the Multi-function Button for 11 seconds

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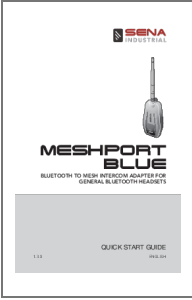
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**Documents / Resources**

	<p><a href="#">SENA INDUSTRIAL Meshport Blue Bluetooth To Mesh Intercom Adapter For General Bluetooth Headsets</a> [pdf] User Guide</p> <p>Meshport Blue Bluetooth To Mesh Intercom Adapter For General Bluetooth Headsets, Meshport Blue, Bluetooth To Mesh Intercom Adapter For General Bluetooth Headsets</p>
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References

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