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SENA INDUSTRIAL MESHPORT BLUE Bluetooth To Mesh Intercom Adapter



Specifications

- Product Name: MeshPort Blue
- Type: Bluetooth to Mesh Intercom Adapter
- Compatibility: General Bluetooth headsets

Product Usage Instructions

Installing the MeshPort Blue:

Install the MeshPort Blue where the antenna is not blocked by the human body as much as possible to ensure optimal signal strength.

Using the Belt Clip Mount:

1. Attach the belt clip mount to the back of the unit along the guide rail until you hear a click.
2. Mount the unit on your belt with the antenna facing upwards.
3. Angle the antenna away from you to avoid interference with movement.

Using the Rubber Strap Mount:

1. Place the rubber strap mount on the object.
2. Securely wind the rubber strap around the object to hold the MeshPort Blue in place.

Getting Started:

Make sure to update the product firmware for access to advanced features. Visit senaindustrial.com for instructions on updating. Follow Sena on social media for product updates and tips.

Mesh Intercom:

Learn about Mesh Intercom, Bluetooth pairing, adjusting volume and sensitivity, and using Mesh in Open Mesh mode.

PRODUCT FEATURES

The easy-to-use MeshPort Blue will turn any General Bluetooth headset 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® 5.0

- Mesh Intercom™ 3.0 – delivers improved sound quality, a more robust connection, and extended talk time.
- Dual version Mesh – Mesh 2.0 for backward compatibility

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 BLUE

Product Details



Package Contents

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

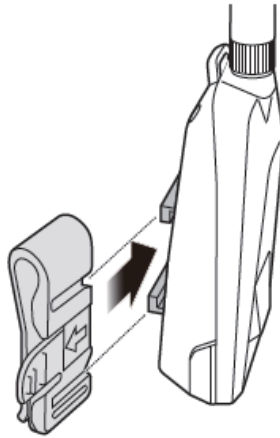
Installing the MeshPort Blue

Install the MeshPort Blue where the antenna is not blocked by the human body as much as possible.

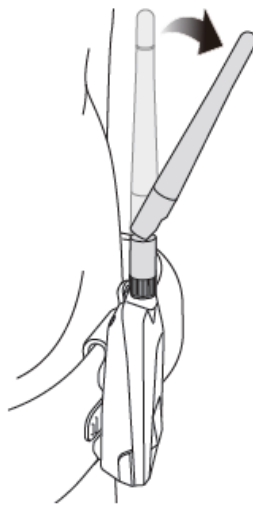
When the human body blocks the antenna, the Mesh Intercom signal strength will be weakened.

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 to the surface. 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

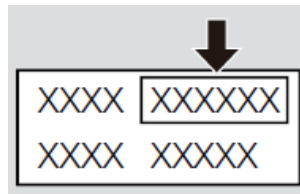
Running the Sena MeshPort App

1. Turn on the product.
2. Press and hold the Multi-function Button for 5 seconds.
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.



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.

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.

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.

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.

Adjusting the Microphone Sensitivity

You can adjust the microphone input volume of the device connected to the MeshPort Blue by using the Sena MeshPort App.

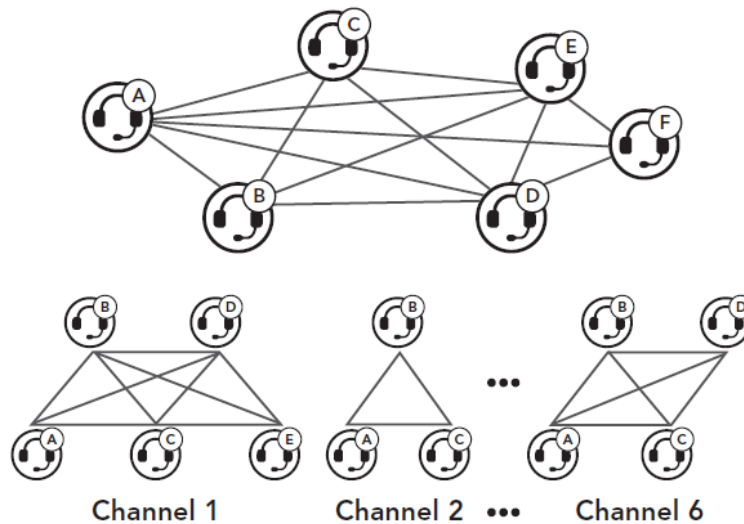
Microphone sensitivity is set and maintained even when the MeshPort Blue is rebooted.

MESH INTERCOM

What is Mesh Intercom

Sena proposes using Mesh Intercom, which provides instant and effortless communication without a pre-grouping 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.
- Open Mesh is an open group intercom function. Users can freely communicate with each other in the same Open Mesh channel.
- It can connect with a virtually unlimited number of users in each channel.



Bluetooth Pairing

A general Bluetooth headset can be connected to the MeshPort Blue if it supports 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.
4. When the LED flashes green on 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 Multi-function 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.
3. When the LED flashes green on 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 Multi-function 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.
3. When the LED flashes green on the MeshPort Blue, the pairing is completed. When the pairing is completed, Mesh Intercom will turn on automatically.

Starting Mesh Intercom

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

Switch to Mesh 2.0 for Backward Compatibility

Mesh 3.0 is the latest Mesh Intercom technology, but to communicate with legacy products using Mesh 2.0, please switch to Mesh 2.0 using the Sena MeshPort App.

Mesh Intercom On and Off

1. To start Mesh Intercom, tap the Multi-function Button. The LED will blink green 3

times. (For Mesh 2.0, the LED will blink green 2 times.)

2. To terminate Mesh Intercom, tap the Multi-function Button.

Mesh Intercom Reconnection

If the Bluetooth connection between the MeshPort Blue and a General Bluetooth headset is disconnected, tap the Multi-function 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.

Checking the Current Channel of the Meshport Blue

Triple-tap the Multi-function Button. Then you will hear a voice prompt, "Open Mesh, Channel #" through the paired headset speakers.

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 6.

- 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 Multi-function Button. The purple LED will flash twice, and you will hear a voice prompt, "Mic on."

Note:

1. The mute and unmute functions only work 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 functions do 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. Triple-tap the Multi-function Button during the Bluetooth pairing. (Bluetooth pairing, referring to section 3.2 on page 13.)
2. The green LED will flash 3 times, and 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
 - Change the channel through the Sena MeshPort App.
- If you want to pair with the Bluetooth headset, execute Factory Reset and proceed with Bluetooth pairing.

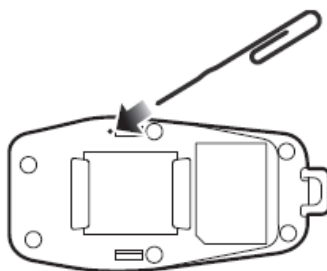
TROUBLESHOOTING

Firmware Upgrade

The MeshPort Blue supports firmware upgrades. You can update the firmware using the Sena Device Manager.

Fault Reset

When the MeshPort Blue is not working properly or is in a faulty status for any reason, you may reset it 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 Multi-function 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"> Press and hold the Multi-function Button for 5 seconds when the MeshPort Blue is turned off Press and hold the Multi-function Button for 5 seconds when the MeshPort Blue is turned on
Mesh Intercom	Mesh Intercom on/off	Tap the Multi-function Button
	Mute/ Unmute Mic	Double-tap the Multi-function Button
	Check the channel	Triple-tap the Multi-function Button
	Repeater Mode	Triple-tap the Multi-function Button during the Bluetooth pairing

Factory Reset	Press and hold the Multi-function Button for 11 seconds
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- 152 Technology Drive, Irvine, CA 92618


FAQ

Q: How can I check the battery level of MeshPort Blue?

A: You can check the battery level by following these steps:

1. Power on the device.
2. Press and hold a specific button combination (refer to the user manual) to display the battery level.

Documents / Resources

	<p>SENA INDUSTRIAL MESHPORT BLUE Bluetooth To Mesh Intercom Adapter [pdf] User Guide</p> <p>MESHPORT BLUE Bluetooth To Mesh Intercom Adapter, MESHPORT BLUE, Bluetooth To Mesh Intercom Adapter, Mesh Intercom Adapter, Intercom Adapter</p>
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References

- [User Manual](#)

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💡 Bluetooth to Mesh Intercom Adapter, Intercom Adapter, Mesh Intercom Adapter, Meshport Blue, MESHPORT BLUE
Bluetooth To Mesh Intercom Adapter, SENA INDUSTRIAL

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