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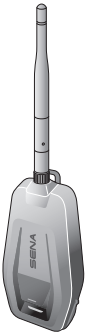

+MESH

BLUETOOTH TO MESH INTERCOM ADAPTER

QUICK START GUIDE

2.1.0

ENGLISH

RIDE CONNECTED

The +Mesh features Sena's Mesh Intercom technology allowing your group to seamlessly communicate, even if a rider falls out of range. Pair your headset or helmet from Sena to the +Mesh to start talking with other riders using Mesh Intercom. With built-in Bluetooth®, HD Intercom™, technology has never felt so minimal or freeing.

Mesh Intercom™
800 meters/880 yards*

Bluetooth® 4.1

* 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.

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.

SENA

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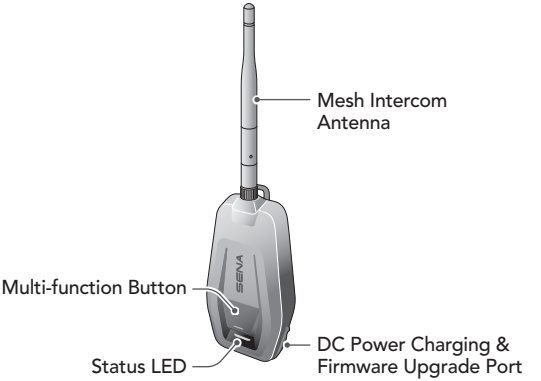
1. ABOUT THE +MESH

1.1 Product Details



1.2 Package Contents

Main Unit	
Handlebar Mounting Kit	
USB Power & Data Cable	

Mesh Intercom Antenna	
Mounting Cradle	

1.3 Installing the +Mesh

Install the **+Mesh** 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 Handlebar Mounting Kit

1. Place the handlebar mounting kit on the handle bar, wind the rubber band around the handle bar, and hang it on the hook.
2. Attach the handlebar mounting kit on the back of the main unit along the guide rail until you hear a click.

1.3.2 Placing on the Mounting Cradle

1. Locate a proper surface on your motorcycle body, clean the body surface location with a moistened towel, and allow to dry thoroughly.
2. Peel off the cover of the adhesive tape of the mounting cradle and attach the unit on the proper surface of your motorcycle.
3. Attach the mounting cradle 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 your motorcycle body firmly. Maximum adhesion occurs after 24 hours.

2. BASIC OPERATION

2.1 Downloadable Sena Software

2.1.1 Sena +Mesh App

You can use the **Sena +Mesh App** without pairing your **Smartphone** to the **+Mesh**.

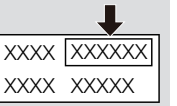
- Download
  - Android: Google Play Store > **Sena +Mesh App**
  - iOS: App Store > **Sena +Mesh App**

2.1.2 Running the Sena +Mesh 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 +Mesh 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.



2.1.3 Sena Device Manager

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

2.2 Powering On and Off

To power on the **+Mesh**, press and hold the **Multi-function Button** for **1 second**.

To power off the **+Mesh**, press and hold the **Multi-function Button** for **1 second**.

2.3 Charging

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

Note: The **+Mesh** is compatible with 5 V input USB-charged devices only.

2.4 Checking the Battery Level

When the **+Mesh** 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%

3. MESH INTERCOM

3.1 What is Mesh Intercom

Sena proposes using **Mesh Intercom™**, which provides instant and effortless bike-to-bike communication without a pre-grouping process.

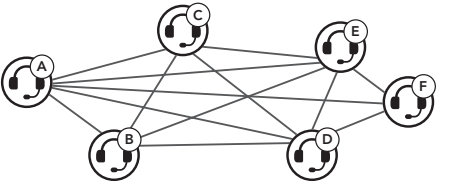
Mesh Intercom allows riders to connect and communicate with nearby users without the need to pair each headset together.

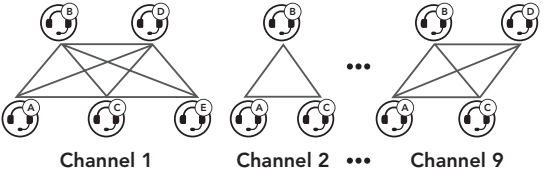
The working distance between each **+Mesh** in **Mesh Intercom** can be up to 800 meters (880 yards) in open terrain. In open terrain, the **Mesh** can be extended up to 3.2 km (1.9 miles) between a minimum of 6 users. 6 users can talk at the same time for an optimized, open group intercom conversation. Users can freely connect with each other.

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 +Mesh App**.

It can connect with a virtually unlimited number of users in each channel.





3.2 SENA Products That Can Communicate with +Mesh via Mesh Intercom

- **+Mesh**, **+Mesh Universal**
- **Mesh** headset or helmet

Note: If **+Mesh** cannot communicate with Sena products via **Mesh Intercom**, please update to the latest firmware.

3.3 Using the Mesh

Before using **Mesh Intercom**, you will need to pair a compatible Sena headset or helmet for the first time. The Bluetooth pairing operation is only required once for each Sena headset or helmet. The **+Mesh** remains paired with the headset or helmet and automatically connects to the paired headset or helmet again when they are within range of each other.

3.3.1 Bluetooth Pairing with a Sena Headset or Helmet

1. Turn on the **+Mesh** and a headset that you would like to pair with each other.
2. Press and hold the **Multi-function Button** of the **+Mesh** for **5 seconds** until red LED of the **+Mesh** start to flash rapidly. Enter into the Bluetooth intercom pairing mode of the headset (refer to the User's Manual for the headset you want to use). You do not need to press any buttons for pairing.
3. When the LED flashes green, the pairing is completed. You will hear **"Mesh intercom on, Open Mesh, channel 1"** from the connected corresponding headset.

3.3.2 Mesh Intercom On and Off

1. To start the **Mesh Intercom**, tap the **Multi-function Button**. The LED flashes green and you will hear **"Mesh intercom on, Open Mesh, channel 1"** from the connected corresponding headset.
2. To terminate the **Mesh Intercom**, tap the **Multi-function Button**. You will hear **"Mesh Intercom Off"** from the connected corresponding headset.

Note:

1. The **+Mesh** supports only one headset or helmet for pairing.
2. If the connected headset or helmet has **HD Intercom** activated, the headset supports communication with HD quality sound.
3. If **Audio Multitasking** is enabled, the headset or helmet communicates in Normal Intercom mode.
4. If a headset or helmet that is connected to a **+Mesh** connects to another headset or helmet using Bluetooth intercom, the voice prompts from the **+Mesh** will be heard by all of the connected headsets.
5. If the headset or helmet has **Audio Multitasking** enabled or **HD Intercom** disabled, the intercom quality of **Mesh Intercom** will be reduced.
6. You can also start and terminate the **Mesh Intercom** by using the headset or helmet, but **"Mesh Intercom On"** and **"Mesh Intercom Off"** voice prompts will not be heard.

3.3.3 Mesh Intercom Reconnection

If Bluetooth connection between the **+Mesh** and a headset is disconnected, tap the **Multi-function Button** to reconnect the two devices.

3.4 Using the Mesh in Open Mesh

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

3.4.1 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 +Mesh App**.

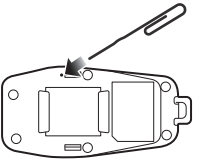
4. TROUBLESHOOTING

4.1 Firmware Upgrade

The **+Mesh** supports firmware upgrades. You can update the firmware using the **Sena Device Manager**.

4.2 Fault Reset

When the **+Mesh** 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.



4.3 Factory Reset

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

QUICK REFERENCE

Type	Operation	Button Command
Basic Function	Power on/off	Press the Multi-function Button for 1 second
Intercom	Intercom Pairing	Press and hold the Multi-function Button for 5 seconds
Mesh Intercom™	Mesh Intercom on/off	Tap the Multi-function Button
Factory Reset		Press and hold the Multi-function Button for 11 seconds

SENA

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