SENA

QUICK START GUIDE

Firmware Version: 2.3.x
Last updated on Dec 13, 2024

SPIDER ST1

MOTORCYCLE MESH COMMUNICATION SYSTEM

The firmware version 2.3.x indicates that this manual is applicable to all firmware updates within the version 2.3 series.
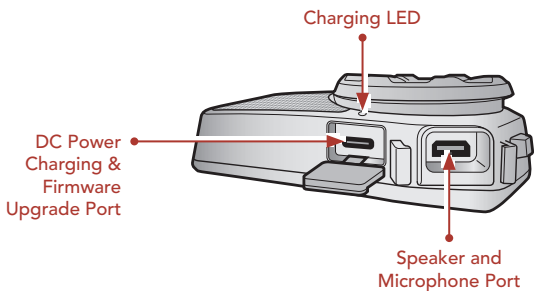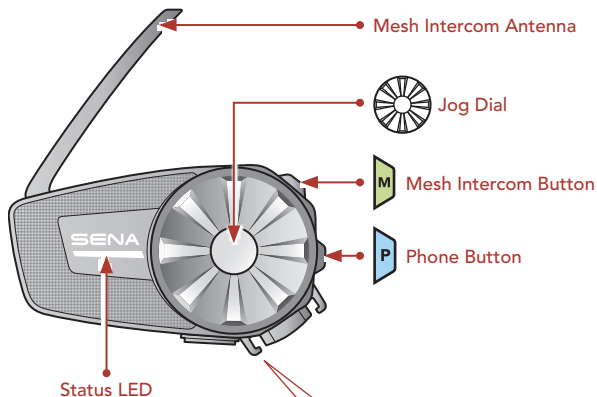
▌ Downloadable Sena Software

Download the **Sena Motorcycles App** at **Google Play Store** or **App Store**.

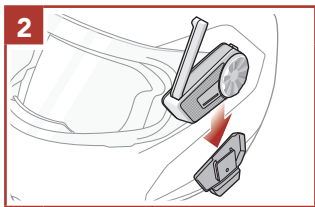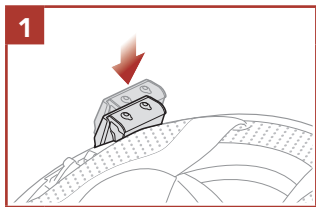Download the **Sena Device Manager** at **sena.com**.

Product Details

Mesh Intercom Antenna

Jog Dial

M Mesh Intercom Button

P Phone Button

Status LED

Charging LED

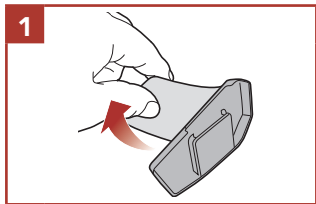DC Power Charging & Firmware Upgrade Port

Speaker and Microphone Port

▍Installation

• For more information about installation, refer to the User's Guide.

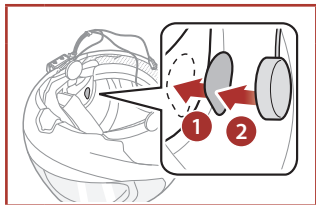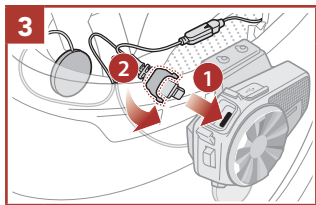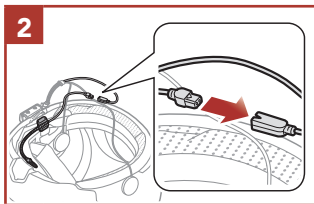## Using the Clamp Unit

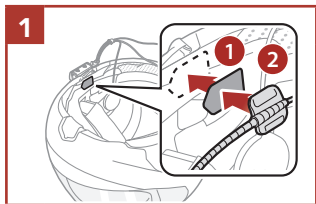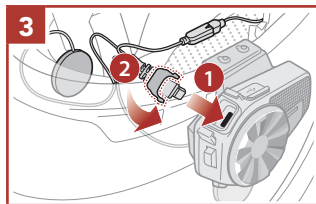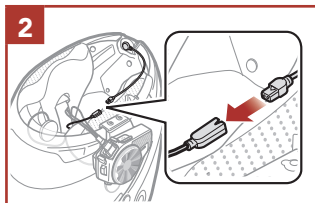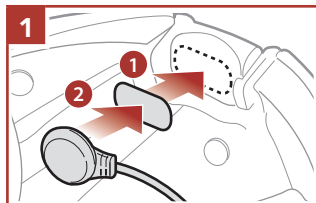

Using the Glued Surface Mounting Plate
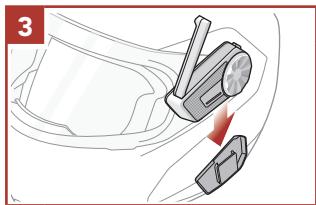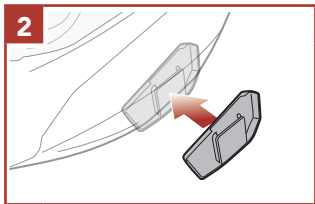
Installing the Speakers
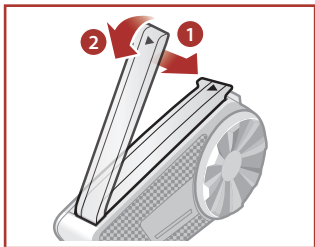

Installing the Wired Boom Microphone

Installing the Wired Microphone

Mesh Intercom Antenna

Pull the Mesh Intercom Antenna outwards slightly to unfold it.

Icon Legend

(TAP 1x) **Tap** button/Jog Dial the specified number of times

(HOLD 3s) **Press and Hold** button/Jog Dial for the specified amount of time

(ROTATE L) (ROTATE R) (ROTATE) **Rotate** Jog Dial clockwise (right) or counterclockwise (left).

(ROTATE L) (ROTATE R) (ROTATE) **Rotate while Pressing** Jog Dial clockwise (right) or counterclockwise (left).

📢 *"Hello"*   **Audible prompt**

Basic Operations

Powering On

(HOLD 1s)

Powering Off

(TAP 1x)

Volume Up

(ROTATE R)

Volume Down

(ROTATE L)
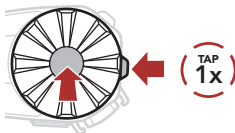
Checking the Battery Level
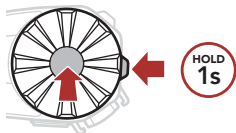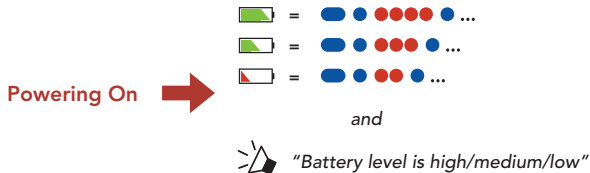

Powering On ➡️

🔋	=	🔵 🔵 🔴🔴🔴🔴 🔵 ...
🔋	=	🔵 🔵 🔴🔴🔴 🔵 ...
🔋	=	🔵 🔵 🔴🔴 🔵 ...

and

🔊 *"Battery level is high/medium/low"*

Phone Pairing

①   HOLD 5s ➡️ Blinking 🔵 🔴

🔊 *"Phone pairing"*

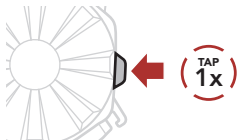② Select **SPIDER ST1** in the list of Bluetooth devices detected.

- When you turn on the SPIDER ST1 for the first time or reboot it after a factory reset, the SPIDER ST1 will automatically enter phone pairing mode.

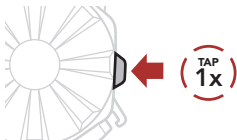- To cancel phone pairing, press any button.

Using the Phone

Answer a Call

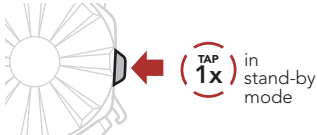 (TAP 1x)

End a Call

 (TAP 1x)

Reject a Call

 (HOLD 2s)

Call a Voice Assistant

 (TAP 1x) in stand-by mode

Music Control

Play/Pause

 (HOLD 1s)

Track Forward

 (ROTATE R)

Track Backward

 (ROTATE L)

▌Mesh Intercom™

Open Mesh™: communication within the same channel.
Group Mesh™: communication within the same private group.

• For more information on **Mesh Intercom**, refer to the User's Guide.

Mesh Intercom On

Blinking 🟢

"Mesh intercom on, Open Mesh, channel 1"

Mesh Intercom Off

"Mesh intercom off"

Note: When **Mesh Intercom** is on, the **SPIDER ST1** will automatically connect to nearby **SPIDER ST1** users and the headset will be in **Open Mesh (default: channel 1) initially**.
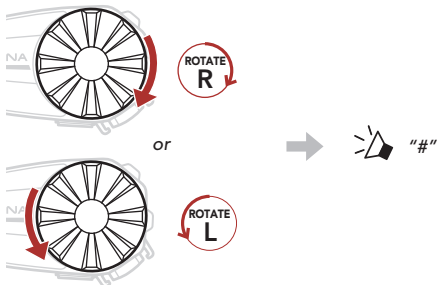
Open Mesh

Channel Setting (Default: channel 1) in Open Mesh

Using the Button

① Enter into the **Channel Setting**.

$\left(\overset{TAP}{2x}\right)$ → *"Channel setting, 1"*

② Navigate between channels.

ROTATE R

or → *"#"*

ROTATE L

③ Save the channel.

$\left(\overset{TAP}{1x}\right)$ → *"Channel is set, channel #"*
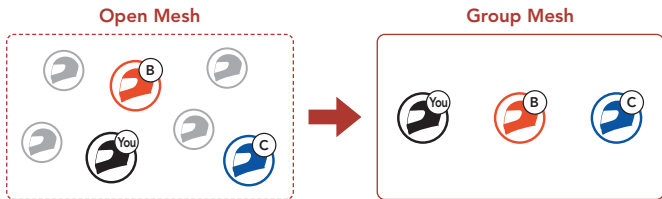
Using the Sena Motorcycles App

You can select the channel through the **Sena Motorcycles App**.

Group Mesh

Group Mesh is a closed group intercom function that allows users to join, leave, or rejoin a group intercom conversation without pairing each headset.

1) Creating a Group Mesh

Creating a **Group Mesh** requires **two or more Open Mesh users**.

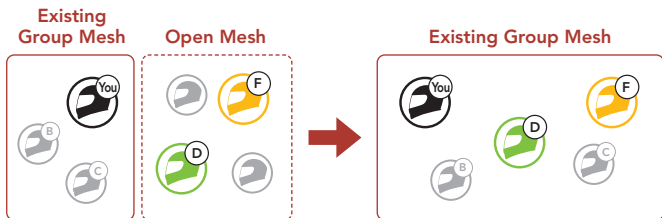① **Users (You, B, and C)** enter into **Mesh Grouping** to create a **Group Mesh**.

"Mesh grouping"

② When **Mesh Grouping** is completed, the **users (You, B and C)** will hear a voice prompt on their headset as **Open Mesh** switches to **Group Mesh**.

"Group Mesh"

2) Joining an Existing Group Mesh

One of the current users in an **Existing Group Mesh** can allow **new users (one or more)** in **Open Mesh** to join the **Existing Group Mesh**.

① **One (You) of the current users** in the **Existing Group Mesh** and **new users (D and F)** in **Open Mesh** enter into **Mesh Grouping** to join the **Existing Group Mesh**.

"Mesh grouping"

② When **Mesh Grouping** is completed, the **new users (D and F)** will hear a voice prompt on their headset as **Open Mesh** switches to **Group Mesh**.

"Group Mesh"

❚ Enable/Disable Mic (Default: Enable)

Users can enable/disable the microphone when communicating in a **Mesh Intercom**.

❚ Mesh Reach-Out Request

You (caller) can send a request message to turn on the Mesh Intercom to nearby friends who have it turned off.

① If you want to send or receive a request massage, you need to enable **Mesh Reach-Out** on the **Sena Motorcycles App**.

② While your headset's Mesh Intercom is on, you (caller) send a request message using the **headset's Button** or the **Sena Motorcycles App**.

[Caller]
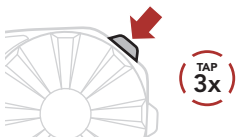
[Caller]

"Mesh reach-out request"

[Nearby Friends]

"Mesh intercom requested"

③ Friends who receive the request message need to manually turn on their Mesh Intercom using the **headset's Button** or the **Sena Motorcycles App**.

Reset Mesh

If a headset in an **Open Mesh** or **Group Mesh** resets the **Mesh**, it will automatically return to **Open Mesh (default: channel 1)**.

Configuration Menu

Accessing the Configuration Menu

"Configuration menu"

Navigating Between Menu Options

or

Execute Menu Options
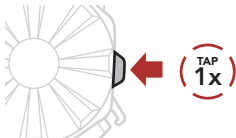
❚ Troubleshooting

Factory Reset

① ← **HOLD 10s** ➡️ 📢 *"Factory reset"*

② ↑ **TAP 1x** ➡️ 📢 *"Headset reset, good-bye"*
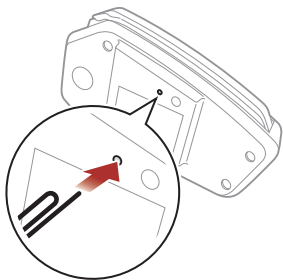
Fault Reset

Note: Fault Reset will not restore the headset to the factory default settings.

Quick Reference

TYPE	OPERATION	BUTTON COMMANDS
Basic Operations	Power on/ Power off	P ⚙ (HOLD 1s) / P ⚙ (TAP 1x)
	Volume up/Volume down	⚙ (ROTATE R) or (ROTATE L)
Mobile Phone	Answer phone call	P (TAP 1x)
	End phone call	P (TAP 1x)
	Reject phone call	⚙ (HOLD 2s)
	Call a Voice Assistant	P (TAP 1x)
Music	Play/Pause music	⚙ (HOLD 1s)
	Track forward	⚙ (ROTATE R)
	Track backward	⚙ (ROTATE L)

TYPE	OPERATION	BUTTON COMMANDS
Mesh Intercom™	Mesh Intercom on/off	M (TAP 1x)
	Channel setting	M (TAP 2x)
	Mesh Grouping	M (HOLD 5s)
	Enable/Disable Mic	M (HOLD 1s)
	Mesh Reach-Out Request	M (TAP 3x)
	Reset Mesh	M (HOLD 8s)