

SENA



IMPULSE

MOTORCYCLE BLUETOOTH® HELMET
WITH MESH INTERCOM™

— SOUND BY —
harman/kardon®

QUICK START GUIDE

ENGLISH / 1.4.0



■ Downloadable Sena Software

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



Sena Motorcycles

- Wi-Fi-Enabled for Automatic Firmware Update
- Device Configuration Setting

Download the following items at **sena.com** or on the **Sena Motorcycles App**.



Quick Start Guide, User's Guide

Follow us on Facebook, YouTube, Twitter and Instagram to check the latest information and helpful tips.

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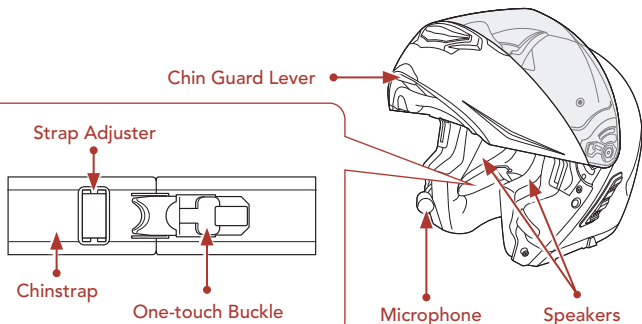
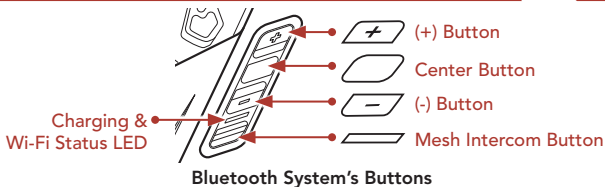
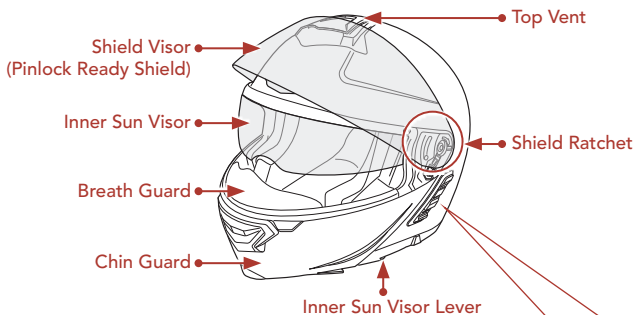


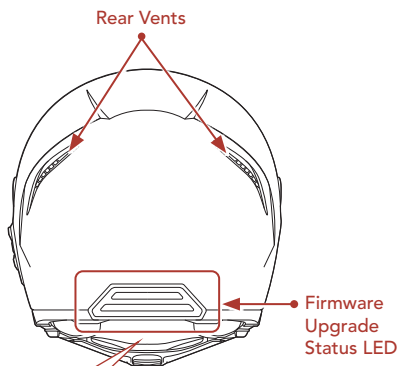
SENA Technologies, Inc.

Customer Support: **sena.com**

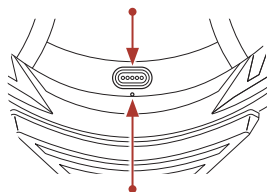


Product Details





Magnetic DC Power Charging Port



Pinhole Fault Reset Button

■ Putting on the Helmet

- ① Unfasten the chinstrap by using the retention system.
- ② Expand the helmet opening with your hand, and slide your head into the helmet.
- ③ Fasten the chinstrap as tight as possible without causing you pain.

■ Icon Legend



Tap button the specified number of times



Press and Hold button for the specified amount of time



"Hello"

Audible prompt

■ Basic Operations

Powering On



Powering Off



Volume Up



Volume Down



■ Checking the Battery Level

Powering On



■ Phone Pairing

①



"Configuration menu"

②

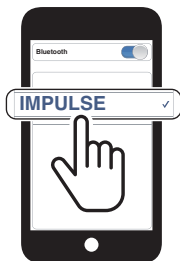


Blinking ●●●●



"Phone pairing"

- ③ Select **IMPULSE** in the list of Bluetooth devices detected.



- For more information on phone pairing, refer to the User's Guide.

■ Using the Phone

Answer a Call



TAP
1x

End a Call



HOLD
2s

Reject a Call



HOLD
2s

■ Siri and Google Assistant

Activate the Siri or Google Assistant Installed on Your Phone



"Hey Google"
or "Hey Siri"

or



HOLD
3s

■ Music Control

Play/Pause



HOLD
1s

Track Forward



HOLD
1s

Track Backward



HOLD
1s

■ 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



TAP
1x



Blinking 



"Mesh intercom on,
Open Mesh, channel 1"

Mesh Intercom Off



TAP
1x



"Mesh intercom off"

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

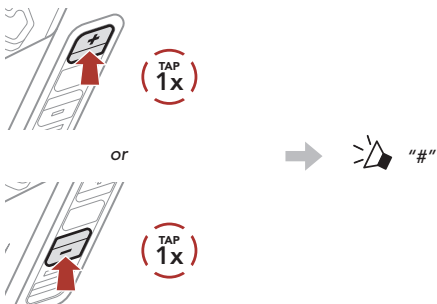
Open Mesh

Channel Setting (Default: channel 1) in Open Mesh

- ① Enter into the **Channel Setting**.



- ② Navigate between channels.
(1 → 2 → ... → 8 → 9 → Exit → 1 → ...)



- ③ Save the channel.



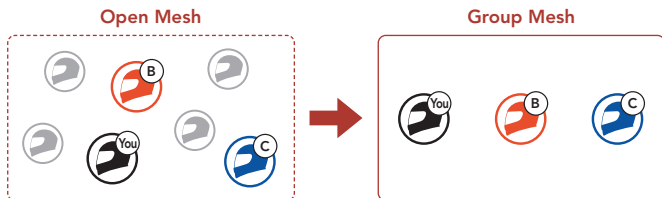
Note: You can use the **Sena Motorcycles App** to change the channel.

■ 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 Bluetooth system.

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**.

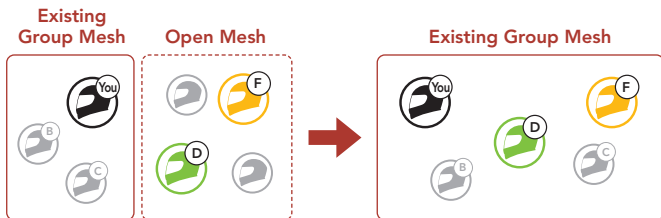


- ② When **Mesh Grouping** is completed, the **users (You, B and C)** will hear a voice prompt on their Bluetooth system as **Open Mesh** switches to **Group Mesh**.



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**.



- ② When **Mesh Grouping** is completed, the **new users (D and F)** will hear a voice prompt on their Bluetooth system as **Open Mesh** switches to **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 message, 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]



(TAP 3x)



[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**.

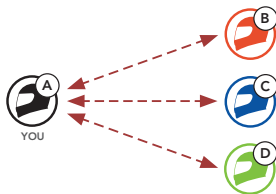
Reset Mesh

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



Bluetooth Intercom

Up to three other people can be paired with the Bluetooth system for Bluetooth intercom conversations.



Intercom Pairing

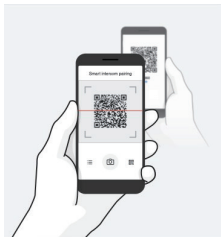
There are two ways to pair the Bluetooth system.



Using the Smart Intercom Pairing (SIP)

SIP allows you to quickly pair with your friends for intercom communication by scanning the QR code on the **Sena Motorcycles App** without remembering the button operation.

- ① Pair the mobile phone with the Bluetooth system.
- ② Open the **Sena Motorcycles App** and tap  (**Smart Intercom Pairing Menu**).
- ③ Scan the **QR code** displayed on your friend (**B**)'s mobile phone.
 - Your friend (**B**) can display the QR code on the mobile phone by tapping  > **QR code** () on the **Sena Motorcycles App**.



- ④ Tap **Save** and check that your friend (**B**) is paired with **you (A)** correctly.
- ⑤ Tap **Scan** () and repeat steps 3-4 to pair with **Intercom Friends (C) and (D)**.

Note: The **Smart Intercom Pairing (SIP)** is not compatible with Sena products that use **Bluetooth 3.0** or **below**.

Using the Button



- ① **Users (You, B)** enter into **Intercom Pairing**.



Blinking



"Intercom pairing"

- ② The **two Bluetooth systems (A and B)** will be automatically paired.



Turns blue

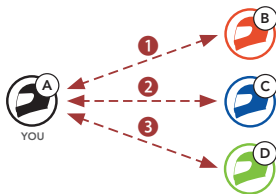


- ③ Repeat the steps above to pair with **other Bluetooth systems (C and D)**.

■ Last-Come, First-Served

If a Bluetooth system has multiple paired Bluetooth systems for intercom conversations, the last paired Bluetooth system is set as the **First Intercom Friend**.

Intercom Pairing Order



Last-Come, First-Served



■ Two-way Intercom

Start/End Conversation with the First Intercom Friend D



Start/End Conversation with the Second Intercom Friend C



Start/End Conversation with the Third Intercom Friend B



FM Radio

FM Radio On/Off



Start/Stop Scanning



Seek Forward



Seek Backward



Navigating Preset Stations



Note: You can also save the current station from the **Sena Motorcycles App**.

LED Taillight

You can control the LED taillight through the **Sena Motorcycles App**.

- **Mode** : Solid / Night Flash / Day Flash / Off



Configuration Menu

Accessing the Configuration Menu



"Configuration menu"

Navigating Between Menu Options



or

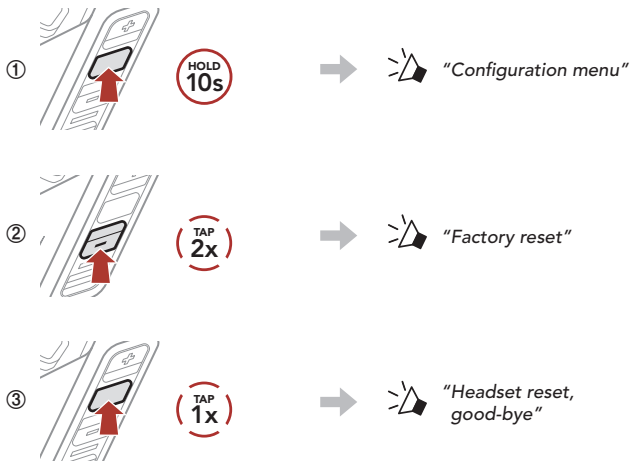


Execute Menu Options

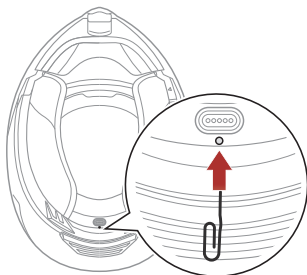


Troubleshooting

Factory Reset



Fault Reset



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

Quick Reference

TYPE	OPERATION	BUTTON COMMANDS
 Basic Operations	Power on/ Power off	  
		  
	Volume up/Volume down	 or  
 Mobile Phone	Answer phone call	 
	End phone call	 
	Reject phone call	 
 Siri and Google Assistant	Activate the Siri or Google Assistant	 

TYPE	OPERATION	BUTTON COMMANDS
 Mesh Intercom™	Mesh Intercom on/off	 
	Channel setting	 
	Mesh Grouping	 
	Enable/Disable Mic	 
	Mesh Reach-Out Request	 
	Reset Mesh	 
 Intercom	Intercom pairing	 
	Start/End intercom	 

TYPE	OPERATION	BUTTON COMMANDS
 Music	Play/Pause music	 
	Track forward	 
	Track backward	 
 FM Radio	FM radio on/off	 
	Select preset	 
	Seek forward/backward	 or  
	Scan up FM band/ stop scanning	 

