SENA

IMPULSE

**MOTORCYCLE BLUETOOTH® HELMET
WITH MESH INTERCOM™**

SOUND BY

harman / kardon®

QUICK START GUIDE

ENGLISH / 1.0.0

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**.
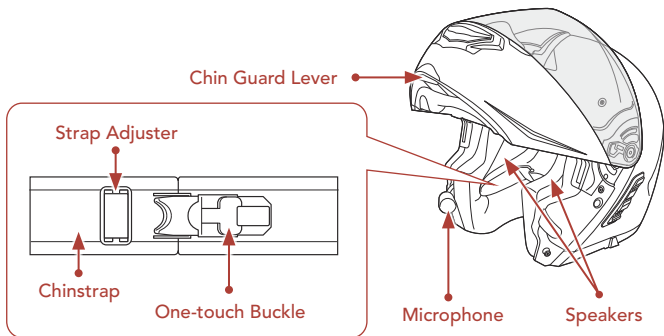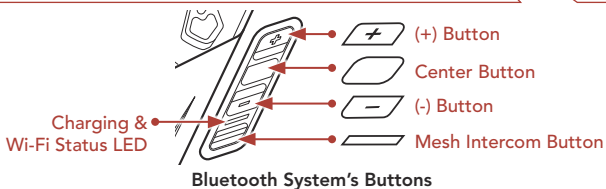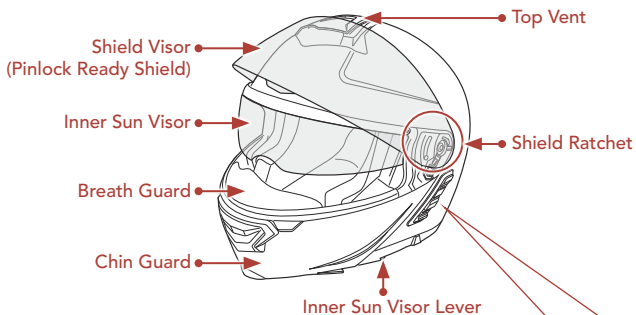
Quick Start Guide, User's Guide

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SENA Technologies, Inc.
Customer Support: **sena.com**

Product Details

Top Vent

Shield Visor
(Pinlock Ready Shield)

Inner Sun Visor

Shield Ratchet

Breath Guard

Chin Guard

Inner Sun Visor Lever

(+) Button

Center Button

(-) Button

Charging &
Wi-Fi Status LED

Mesh Intercom Button

Bluetooth System's Buttons

Chin Guard Lever

Strap Adjuster

Chinstrap

One-touch Buckle

Microphone

Speakers

Rear Vents

Firmware
Upgrade
Status LED
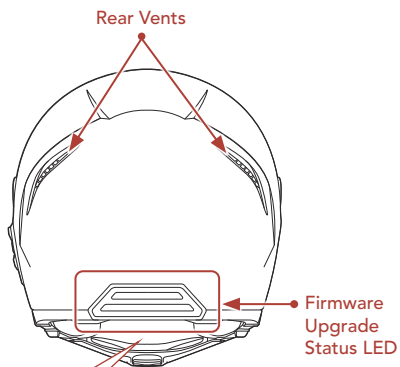
Magnetic DC Power Charging & Firmware Upgrade Port

Pinhole Fault Reset Button
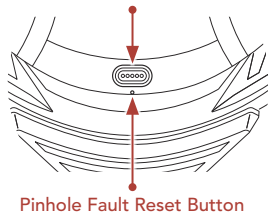
Putting on the Helmet

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 1x) **Tap** button the specified number of times

(HOLD 10s) **Press and Hold** button for the specified amount of time

"Hello"   **Audible prompt**

Basic Operations

Powering On

(HOLD 1s)

Powering Off

(TAP 1x)

Volume Up

(TAP 1x)

Volume Down

(TAP 1x)

Checking the Battery Level

Powering On ➡

🔋 =	● ● ●●●● ● ...
🔋 =	● ● ●●● ● ...
🔋 =	● ● ●● ● ...

Phone Pairing

When you initially turn on the Bluetooth system:

① **HOLD 1s** ➡ Blinking ● ●

"Phone Pairing"

② Select **Impulse** in the list of Bluetooth devices detected.

Bluetooth

Impulse ✓
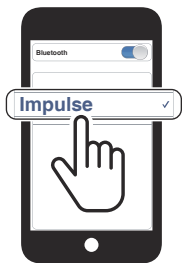
• For more information on phone pairing, refer to the User's Guide.

Using the Phone

Answer a Call

End a Call

Reject a Call

Siri and Google Assistant

Activate the Siri or Google Assistant Installed on Your Phone

 "Hey Google" or "Hey Siri"   or   in stand-by mode

Music Control

Play/Pause

Track Forward

Track Backward

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 **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**.

$\left(\begin{smallmatrix}\text{TAP}\\2x\end{smallmatrix}\right)$ ➡ "*Channel setting, 1*"

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

$\left(\begin{smallmatrix}\text{TAP}\\1x\end{smallmatrix}\right)$

or ➡ "*#*"

$\left(\begin{smallmatrix}\text{TAP}\\1x\end{smallmatrix}\right)$

③ Save the channel.
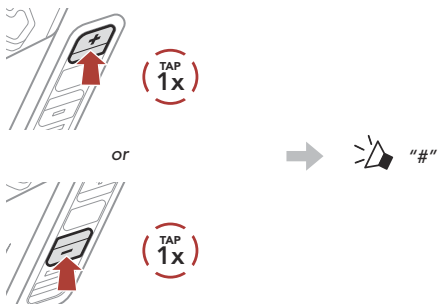
$\left(\begin{smallmatrix}\text{TAP}\\1x\end{smallmatrix}\right)$ ➡ "*Channel is set, channel #*"

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**.

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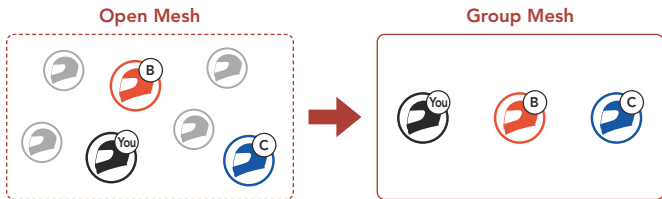
① **Users (You, B, and C)** enter into **Mesh Grouping** to create a **Group Mesh**.

"Mesh Grouping"

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

Existing Group Mesh

Open Mesh

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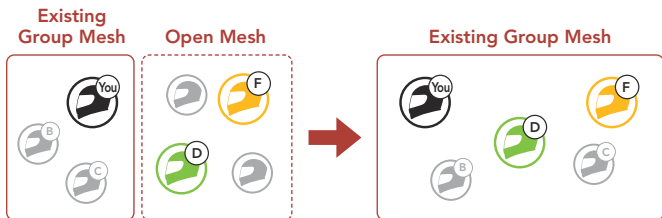
① One (You) of the current users in the Existing Group Mesh and new users (D and F) in Open Mesh enter into Mesh Grouping to join the Existing Group Mesh.

HOLD
5s

"Mesh Grouping"

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.

"Group Mesh"

Enable/Disable Mic (Default: Enable)

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

HOLD 1s ➡ *"Mic on" or "Mic off"*

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)**.

HOLD 8s ➡ *"Reset Mesh"*

Bluetooth Intercom

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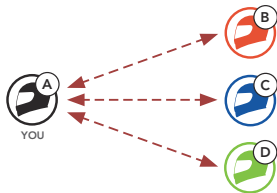
Intercom Pairing

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**
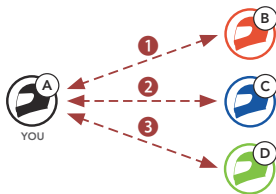
Two-way Intercom

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

HOLD 1s

Start/Stop Scanning

HOLD 1s

Seek Forward

TAP 2x

Seek Backward

TAP 2x

Navigating Preset Stations

HOLD 1s

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

LED TAILLIGHT

Configuration Menu

Accessing the Configuration Menu

HOLD 10s

"Configuration Menu"

Navigating Between Menu Options

TAP 1x   or   TAP 1x

Execute Menu Options

TAP 1x

■ Troubleshooting

Factory Reset

① **HOLD 10s** ➡ *"Configuration menu"*

② **TAP 2x** ➡ *"Factory Reset"*

③ **TAP 1x** ➡ *"Headset reset, good-bye"*

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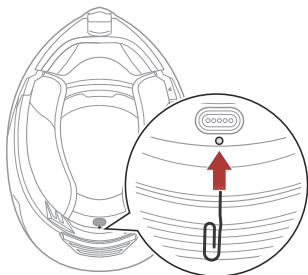
Note: Fault Reset will not restore the Bluetooth system to the factory default settings.

Quick Reference

TYPE	OPERATION	BUTTON COMMANDS
Basic Operations	Power on / Power off	(+) ( ) **HOLD 1s** / (+) ( ) **TAP 1x**
	Volume up / Volume down	(+) or (−) **TAP 1x**
Mobile Phone	Answer phone call	( ) **TAP 1x**
	End phone call	( ) **HOLD 2s**
	Reject phone call	( ) **HOLD 2s**
Voice Dial	Activate the Siri or Google Assistant	( ) **HOLD 3s**

TYPE	OPERATION	BUTTON COMMANDS
Mesh Intercom™	Mesh Intercom on/off	TAP 1x
	Channel setting	TAP 2x
	Mesh Grouping	HOLD 5s
	Reset Mesh	HOLD 8s
	Enable/Disable Mic	HOLD 1s
Intercom	Intercom pairing	HOLD 5s
	Start/End intercom	TAP 1x
Music	Play/Pause music	HOLD 1s
	Track forward	HOLD 1s
	Track backward	HOLD 1s

TYPE	OPERATION	BUTTON COMMANDS
FM Radio	FM radio on/off	(–) HOLD 1s
	Select preset	( ) HOLD 1s
	Seek forward/backward	(+) or (–) TAP 2x
	Scan up FM band/ stop scanning	(+) HOLD 1s