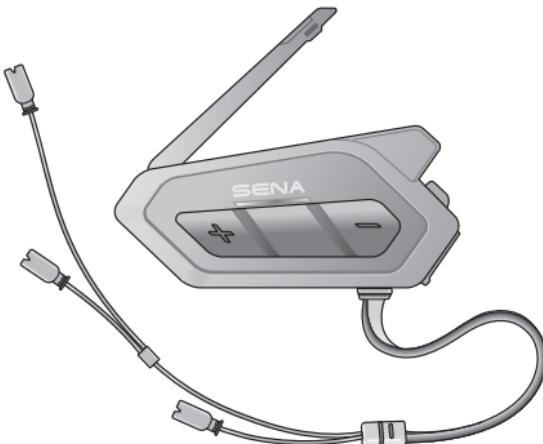


# SENA



**50R**

LOW PROFILE MOTORCYCLE BLUETOOTH®  
COMMUNICATION SYSTEM  
WITH MESH INTERCOM™

— SOUND BY —  
**harman/kardon®**

QUICK START GUIDE

ENGLISH / 2.1.0

# RIDE CONNECTED

Designed for those who want a sleeker device, the 50R Mesh Intercom™ headset continues Sena's affinity for advancing adventure and keeping people connected on the road.



Bluetooth® 5.0



Multi-Way Intercom



Mesh Intercom™ up to 2 km (1.2 mi)\*



Intercom up to 2 km (1.2 mi)\*



Audio Multitasking™



- Multi-Language Voice Command
- Support Siri and Google Assistant



Fast Charging

\* in open terrain

# GETTING STARTED

## Icon Legend



**Tap** button the specified number of times



**Press and Hold** button for the specified amount of time



"Hello"

**Audible prompt**

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

**SENA**



SENA Technologies, Inc.

[sena.com](http://sena.com)

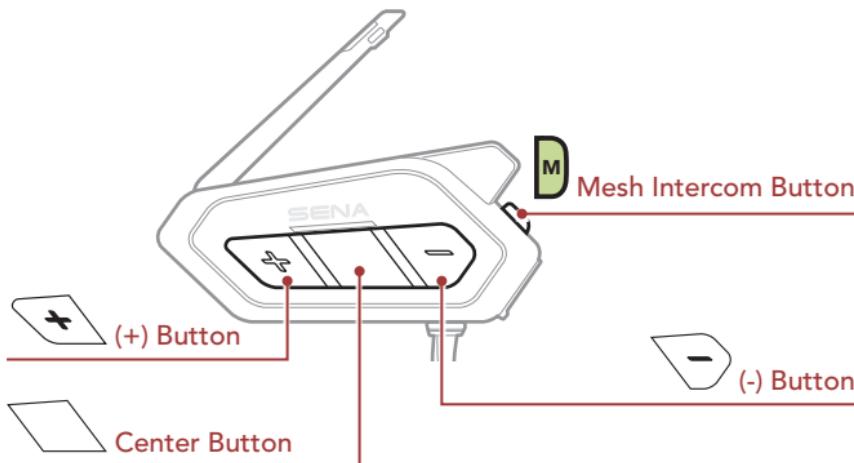
# GETTING STARTED

## How to Use This Guide

The legend and callouts are here to help you read the illustrations. New technology can be confusing, but we've created a simple way to perform actions using illustrations.



## Buttons



# QUICK START GUIDE

## Product Details

### Mesh Intercom Antenna

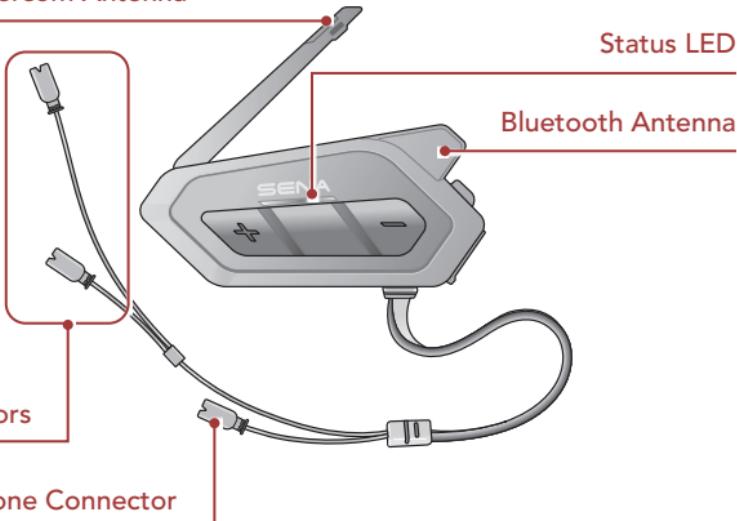
Status LED

### Speaker Connectors

Bluetooth Antenna

### Microphone Connector

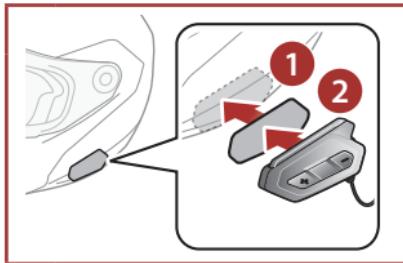
### DC Power Charging & Firmware Upgrade Port



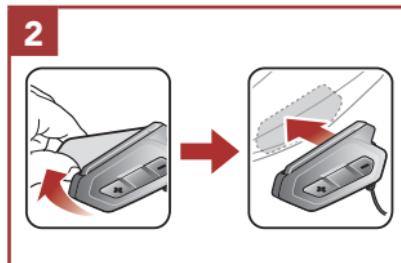
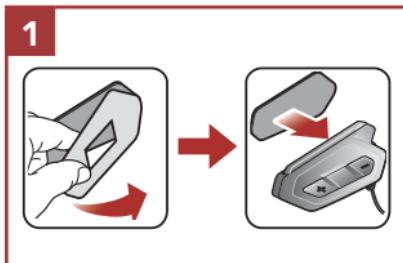
# QUICK START GUIDE

## Installation

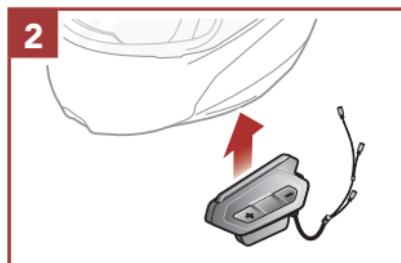
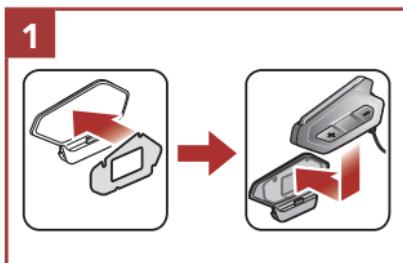
Using the Hook and Loop Fasteners for Main Unit



Using the Double Sided Adhesive Tapes for Main Unit

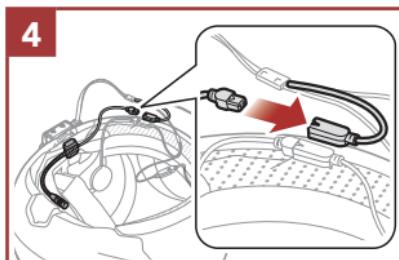
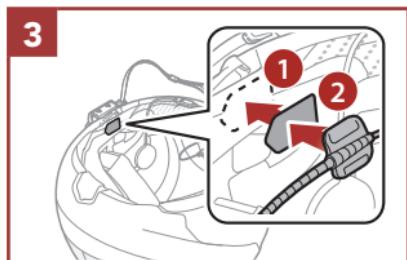
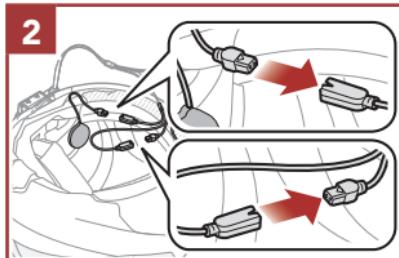
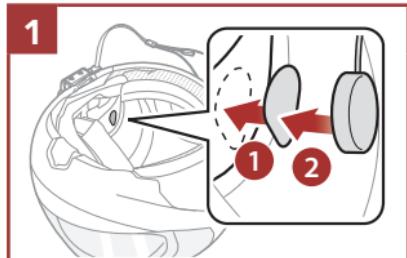


Using the Clamp for Main Unit



# QUICK START GUIDE

## Installing the Speakers and the Microphone



## Mesh Intercom Antenna

Pull the Mesh Intercom Antenna inwards slightly to unfold it.



# QUICK START GUIDE

## Downloadable Sena Software

Download the **Sena Motorcycles App** at [Google Play Store](#) or [App Store](#).



### Sena Motorcycles

- Device configuration setting

Download the following items at [sena.com](#).



### Sena Device Manager

- Firmware upgrade
- Device configuration setting



### Quick Start Guide, User's Guide

## NOTICE

- This **Quick Start Guide (Version 2.0.0 or higher)** explains how to operate the 50R with **firmware version 2.0.0 or higher**.
- For operating the 50R with a **firmware version lower than 2.0.0**, refer to the **50R Quick Start Guide** that is available when you connect the 50R to the **Sena Motorcycles App**.



# QUICK START GUIDE

## Basic Operations

### Powering On



### Powering Off



### Volume Up



### Volume Down



## Checking the Battery Level

Instructions are for when powering the headset on.

### Visual Method



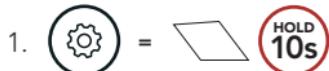
 =        ...

 =       ...

 =      ...

# QUICK START GUIDE

## Phone Pairing



*"Configuration menu"*



Blinking  



*"Phone pairing"*

3. Select **50R** in the list of Bluetooth devices detected.

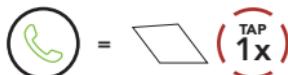


- The headset will enter the **Phone Pairing mode** automatically when you **initially turn on** the headset.
- For more information on phone pairing, refer to the User's Guide.

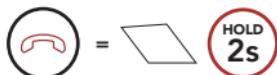
# QUICK START GUIDE

## Mobile Phone

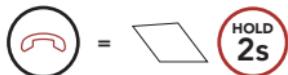
Answer a Call



End a Call

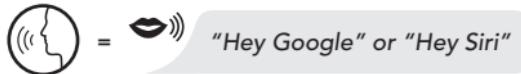


Reject a call



## Siri and Google Assistant

Activate the Siri or Google Assistant Installed on Your Smartphone



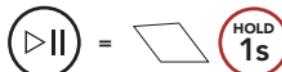
or



# QUICK START GUIDE

## Music Controls

### Play/Pause



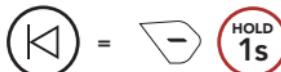
"[Beep, Beep]"

### Track forward



"[Beep, Beep]"

### Track backward



## Mesh Intercom™

When **Mesh Intercom** is enabled, the **50R** will automatically connect to nearby **50R** users and allow them to talk to each other by pressing the **Mesh Intercom Button**.

### Mesh Intercom On



"Mesh intercom on"

### Mesh Intercom Off



"Mesh intercom off"

# QUICK START GUIDE

## Open Mesh™

When **Mesh Intercom** is enabled, the headset will be in **Open Mesh (default: channel 1)** initially. Users can freely communicate with each other in the same **Open Mesh** channel.

## 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.

# QUICK START GUIDE

## Enter into the Channel Setting



 "Channel setting, 1"



## Navigate between Channels

(1 → 2 → ••• → 8 → 9 → **Exit** → 1 → •••)



or



 "#"



## Save the Channel



 "Channel is set, channel #"

**Note:** To exit the **Channel Setting**, tap the **(+)** **Button** or **(-)** **Button** until you hear a voice prompt, **"Exit"**, and tap the **Center Button**.

# QUICK START GUIDE

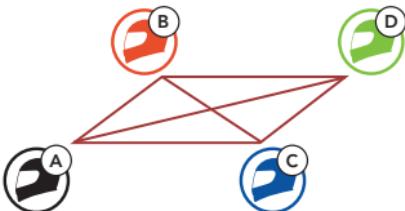
## Group Mesh™

**Group Mesh** is a closed group intercom function that allows users to join, leave, or rejoin a group intercom conversation without pairing each headset. Up to 24 users can all be connected in each private group.

## Creating a Group Mesh

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

Open Mesh



1. Enter into **Mesh Grouping** to create a **Group Mesh**.



and



*"Mesh grouping"*

# QUICK START GUIDE

2. The headsets complete **Mesh Grouping** and automatically switch from **Open Mesh** to **Group Mesh**.

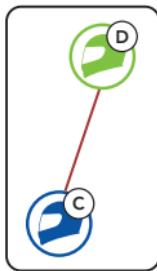


*"Group Mesh"*

Open Mesh



Group Mesh



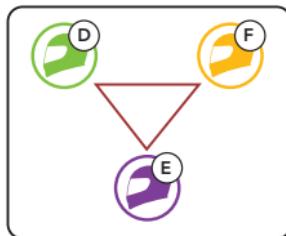
## Joining an Existing Group Mesh

One of the members in an **Existing Group Mesh** can allow new members in **Open Mesh** to join the **Existing Group Mesh**.

New Members



Existing Group Mesh and Current Members



# QUICK START GUIDE

1. One of the **current members** and a **new member** enter into **Mesh Grouping** to join the **Existing Group Mesh**.



YOU  
(NEW  
MEMBER)

=



CURRENT  
MEMBER  
IN GROUP  
MESH

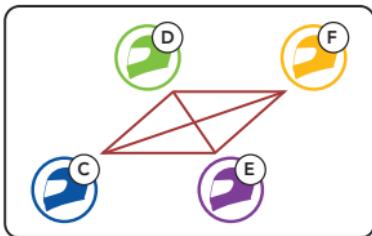


*"Mesh grouping"*

2. The headsets complete **Mesh Grouping**. The new members will hear a voice prompt as their headsets automatically switch from **Open Mesh** to **Group Mesh**.



*"Group Mesh"*

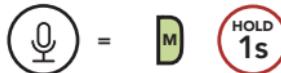


# QUICK START GUIDE

## Enable/Disable Mic (Default: Enable)

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

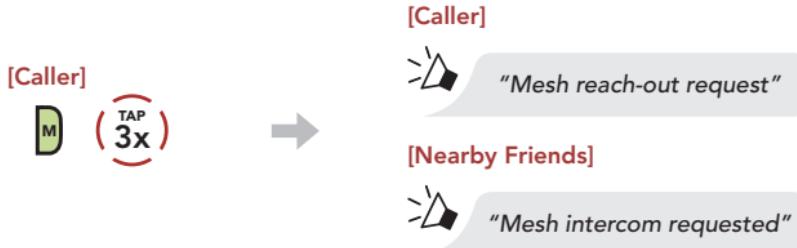
### Enable/Disable the Microphone



## 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**.



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**.

# QUICK START GUIDE

## 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).

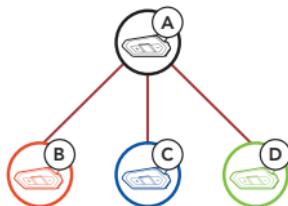


## Bluetooth Intercom

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

### Intercom Pairing

There are two ways to pair the headset.

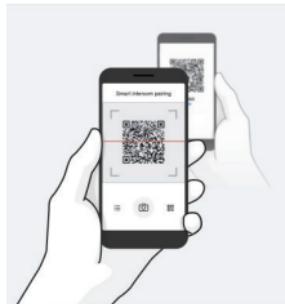


# QUICK START GUIDE

## 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 headset.
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**.

# QUICK START GUIDE

## Using the Button



and

=



The **two headset (A and B)** will be automatically paired.

Blinking



"Intercom pairing"

Turns blue



**Note:** Repeat the step above to pair with Intercom Friends C & D.

# QUICK START GUIDE

## Two-Way Intercom

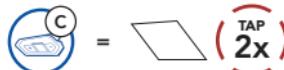
### Last-Come, First-Served



### Start/End with Intercom Friend 1



### Start/End with Intercom Friend 2



### Start/End with Intercom Friend 3

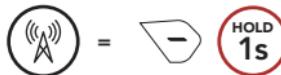




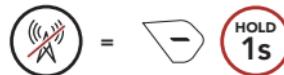
# QUICK START GUIDE

## FM Radio

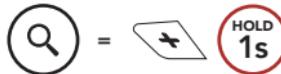
### FM Radio On



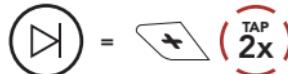
### FM Radio Off



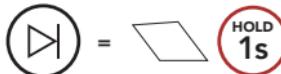
### Scan Stations



### Seek Stations



### Navigating Preset Stations

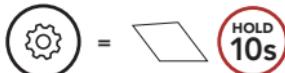




# QUICK START GUIDE

## Configuration Menu

### Accessing the Headset Configuration Menu



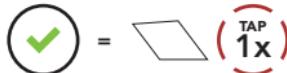
 "Configuration menu"

### Navigating Between Menu Options



 "[Menu prompt]"

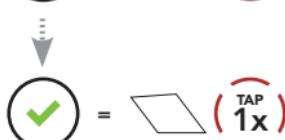
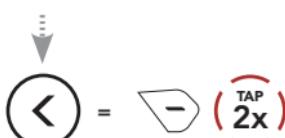
### Execute Menu Options



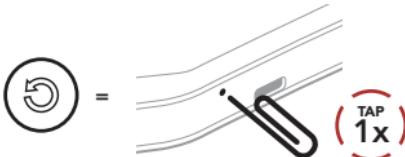
 "[Menu prompt]"

## Troubleshooting

### Factory Reset



### Fault Reset



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

# QUICK REFERENCE

Type	Operation	Button Commands
 <b>Basic Operations</b>	Power on/ Power off	  
	Volume up/Volume down	 or  
 <b>Mobile Phone</b>	Answer phone call	 
	End phone call	 
	Reject phone call	 
 <b>Siri and Google Assistant</b>	Activate the Siri or Google Assistant	 

# QUICK REFERENCE

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	 

# QUICK REFERENCE

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	 