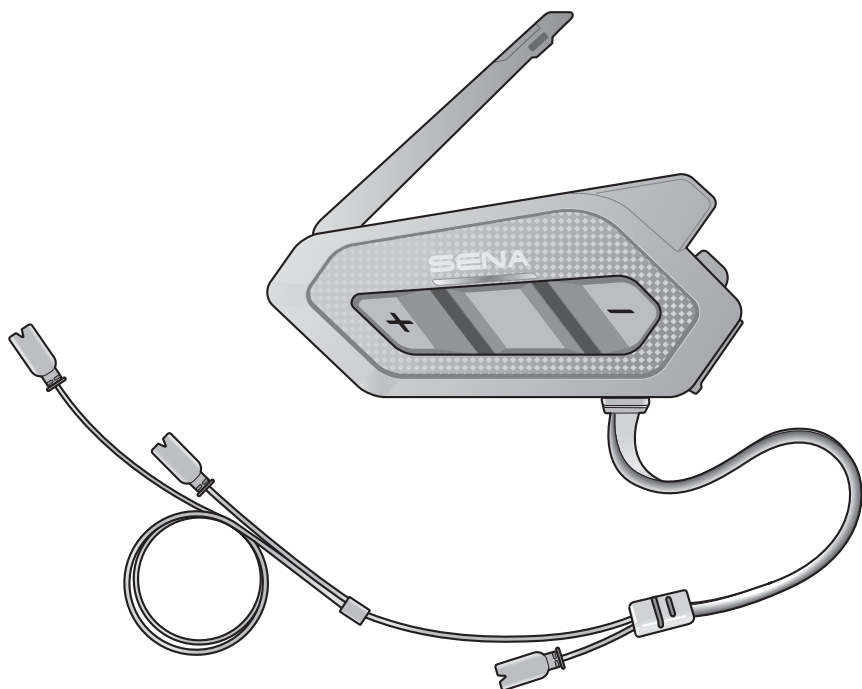


**SENA**



# **SPIDER RT1**

**MOTORCYCLE MESH COMMUNICATION SYSTEM**

**HD SPEAKERS**

**USER'S GUIDE**

# TABLE OF CONTENTS

<b>1.</b>	<b>ABOUT THE SPIDER RT1</b>	<b>5</b>
1.1	Product Features	5
1.2	Product Details	6
1.3	Package Contents	7
<b>2.</b>	<b>INSTALLING THE HEADSET ON YOUR HELMET</b>	<b>8</b>
2.1	Installing the Main Unit	8
2.1.1	Using the Hook and Loop Fasteners for Main Unit	8
2.1.2	Using the Double Sided Adhesive Tapes for Main Unit	9
2.1.3	Using the Clamp for Main Unit	9
2.2	Installing the Speakers	10
2.3	Installing the Microphones	11
2.3.1	Using the Wired Boom Microphone	11
2.3.2	Using the Wired Microphone	13
2.4	External Mesh Intercom Antenna	13
<b>3.</b>	<b>GETTING STARTED</b>	<b>14</b>
3.1	Downloadable Sena Software	14
3.1.1	SENA MOTORCYCLES App	14
3.1.2	Sena Device Manager	14
3.1.3	Firmware Upgrades	14
3.2	Charging	15
3.3	Legend	15
3.4	Powering On and Off	15
3.5	Volume Adjustment	16
3.6	Checking the Battery Level	16
<b>4.</b>	<b>PAIRING THE HEADSET WITH OTHER BLUETOOTH DEVICES</b>	<b>17</b>
4.1	Phone Pairing	17
4.1.1	Initially Pairing the SPIDER RT1	17
4.1.2	Pairing When the SPIDER RT1 is Turned Off	18
4.1.3	Pairing When the SPIDER RT1 is Turned On	18

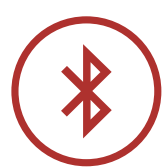
4.2	Second Mobile Phone Pairing - Second Mobile Phone, GPS, and SR10	19
4.3	GPS Pairing	19
5.	<b>MOBILE PHONE USAGE</b>	<b>20</b>
5.1	Making and Answering Calls	20
5.2	Speed Dialing	20
5.2.1	Assigning Speed Dial Presets	20
5.2.2	Using Speed Dial Presets	20
6.	<b>STEREO MUSIC</b>	<b>22</b>
6.1	Playing Music with Bluetooth Devices	22
6.2	Music Sharing	22
7.	<b>MESH INTERCOM</b>	<b>23</b>
7.1	What is Mesh Intercom?	23
7.1.1	Open Mesh	24
7.1.2	Group Mesh	24
7.2	Starting Mesh Intercom	25
7.3	Using the Mesh in Open Mesh	25
7.3.1	Channel Setting (Default: channel 1)	25
7.4	Using Mesh in Group Mesh	26
7.4.1	Creating a Group Mesh	26
7.4.2	Joining an Existing Group Mesh	27
7.5	Enable/Disable Mic (Default: Enable)	28
7.6	Toggling Open Mesh/Group Mesh	28
7.7	Reset Mesh	28
8.	<b>MESH AUDIO MULTITASKING (ALWAYS ON)</b>	<b>29</b>

<b>9.</b>	<b>USING THE FM RADIO</b>	<b>30</b>
9.1	FM Radio On/Off	30
9.2	Seek and Save Radio Stations	30
9.3	Scan and Save Radio Stations	31
9.4	Navigating Preset Stations	31
9.5	Temporary Station Preset	32
<b>10.</b>	<b>FUNCTION PRIORITY</b>	<b>33</b>
<b>11.</b>	<b>CONFIGURATION SETTING</b>	<b>34</b>
11.1	Headset Configuration Menu	34
11.2	Software Configuration Setting	34
11.2.1	Audio Equalizer (Default: Off)	35
11.2.2	VOX Phone (Default: Enable)	35
11.2.3	VOX Sensitivity (Default: 3)	35
11.2.4	Intercom-Audio Overlay Sensitivity (Default: 3)	35
11.2.5	Audio Overlay Volume Management (Default: Disable)	36
11.2.6	HD Voice (Default: Enable)	36
11.2.7	Voice Prompt (Default: Enable)	36
11.2.8	RDS AF Setting (Default: Disable)	36
11.2.9	FM Station Guide (Default: Enable)	36
11.2.10	Region Selection	37
<b>12.</b>	<b>TROUBLESHOOTING</b>	<b>38</b>
12.1	Fault Reset	38
12.2	Factory Reset	38



# 1. ABOUT THE SPIDER RT1

## 1.1 Product Features



Bluetooth® 5.1



Mesh Intercom up to 2 km (1.2 mi)\*



Audio Multitasking™



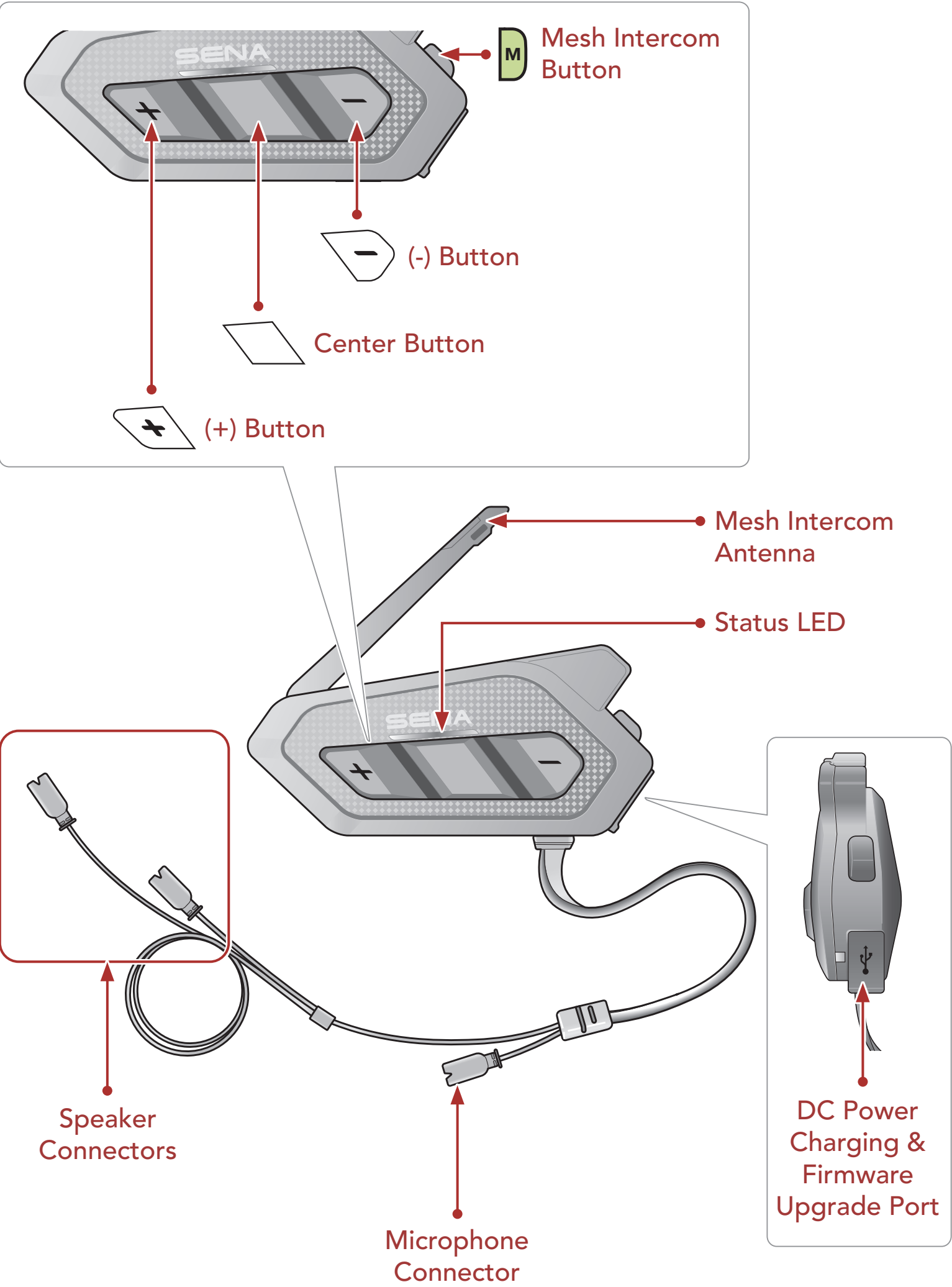
Music Sharing



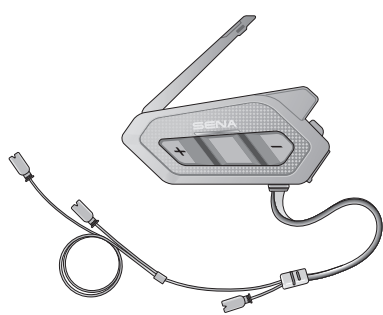
FM Radio

\* in open terrain

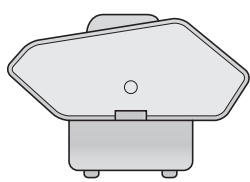
1.2 Product Details



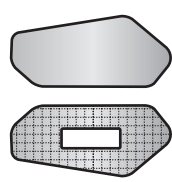
1.3 Package Contents



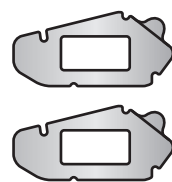
Headset  
Main Unit



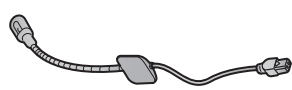
Clamp



Hook and Loop  
Fasteners for  
Main Unit



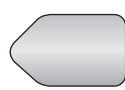
Double Sided  
Adhesive Tapes  
for Main Unit



Wired Boom  
Microphone



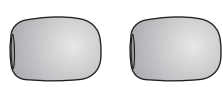
Wired  
Microphone



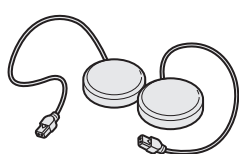
Hook and Loop  
Fastener for  
Boom  
Microphone



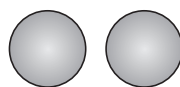
Hook and  
Loop Fastener  
for Wired  
Microphone



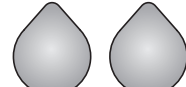
Microphone  
Sponges



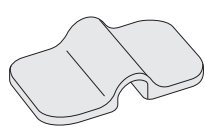
Speakers



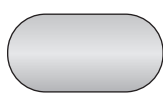
Speaker Pads



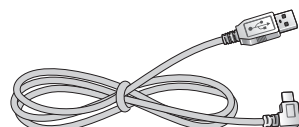
Hook and Loop  
Fasteners for  
Speakers



Boom Microphone  
Holder



Hook and Loop  
Fastener for Holder



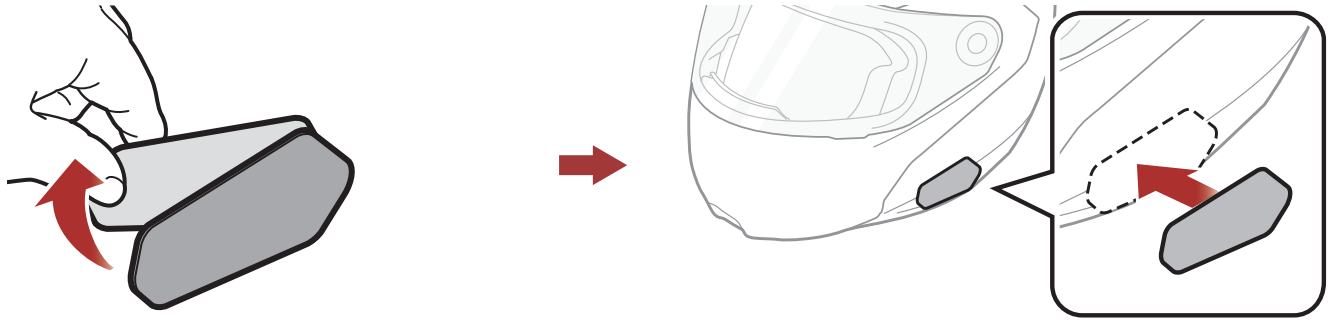
USB Power &  
Data Cable  
(USB-C)

## 2. INSTALLING THE HEADSET ON YOUR HELMET

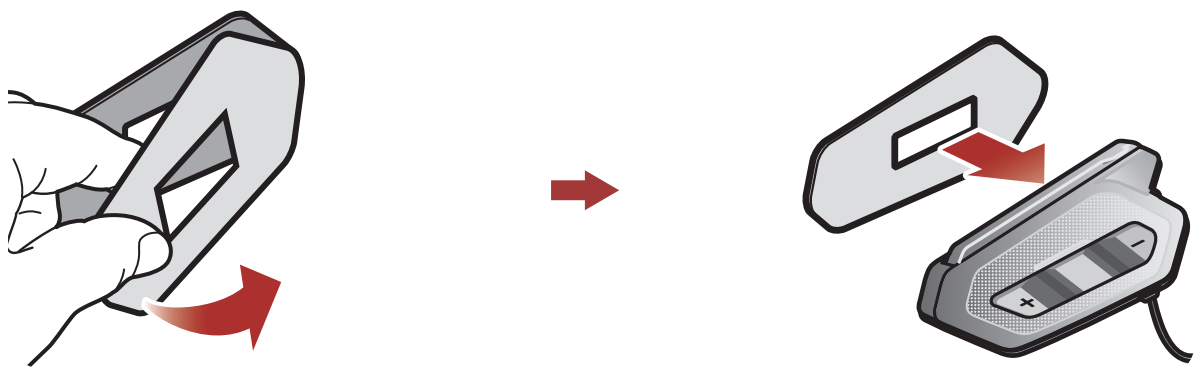
### 2.1 Installing the Main Unit

#### 2.1.1 Using the Hook and Loop Fasteners for Main Unit

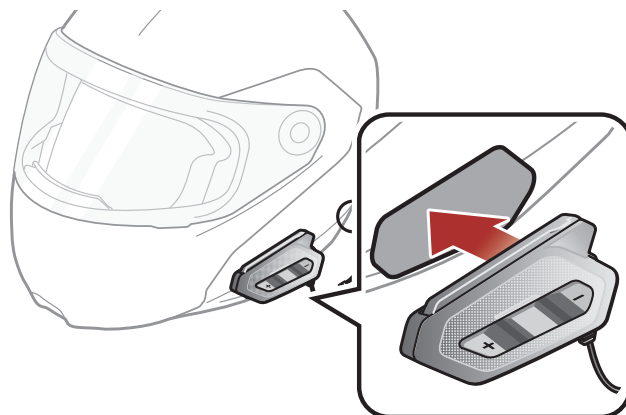
1. Clean the area on the left side of the helmet where you will attach the hook and loop fasteners for main unit with a moistened towel and dry thoroughly.
2. Peel off the cover of the adhesive tape of the loop fastener for main unit and attach it to the helmet.



3. Peel off the cover of the adhesive tape of the hook fastener for main unit and attach it to the back plate of the main unit.



4. Attach the main unit using the hook and loop fasteners that you fitted. Make sure that the main unit is firmly attached to the helmet.



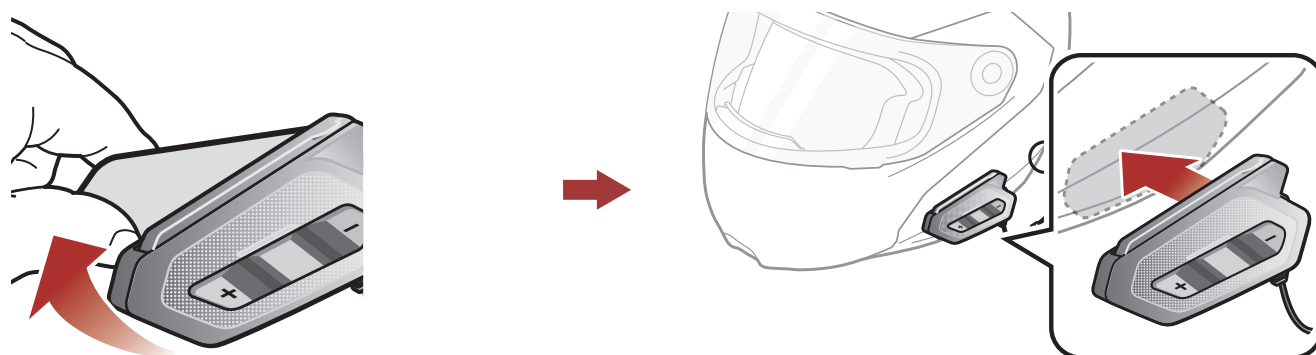
### 2.1.2 Using the Double Sided Adhesive Tapes for Main Unit

If you cannot attach the hook and loop fasteners to the helmet, you can use double sided adhesive tape.

1. Clean the area on the left side of the helmet where you will attach the double sided adhesive tapes with moistened towel and dry thoroughly.
2. Peel off the cover from one side of the double sided adhesive tapes for main unit and attach it to the back plate of the main unit.



3. Peel off the cover from the other side of the double sided adhesive tapes and attach the main unit on the left side of your helmet.



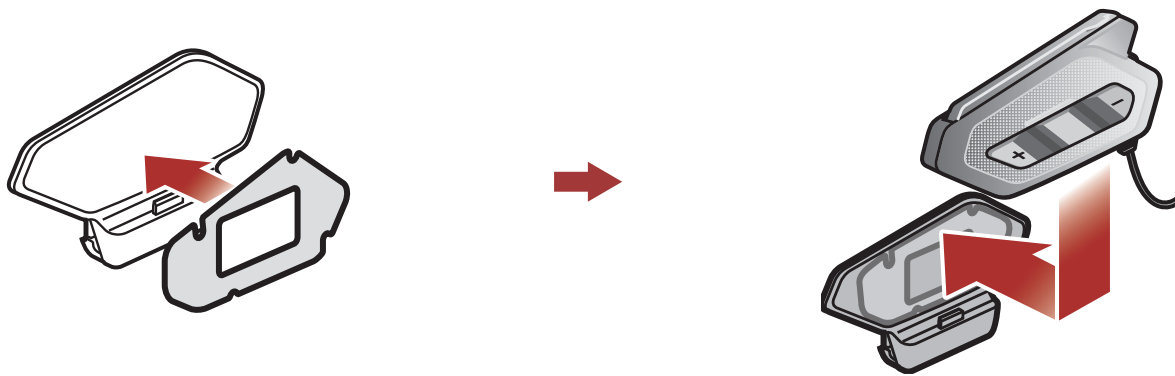
4. Make sure that the main unit sticks on the helmet firmly. Maximum adhesion occurs after 24 hours.

**⚠ Caution:** Sena recommends using the hook and loop fasteners for main unit. The double sided adhesive tape is provided for convenience, but is not the recommended mounting method. Sena is not responsible for its use.

### 2.1.3 Using the Clamp for Main Unit

1. Clean the area on the back plate of clamp where you will attach the double sided adhesive tapes with moistened towel and dry thoroughly.

2. Peel off the cover from one side of the double sided adhesive tapes for main unit and attach it to the back plate of the main unit.

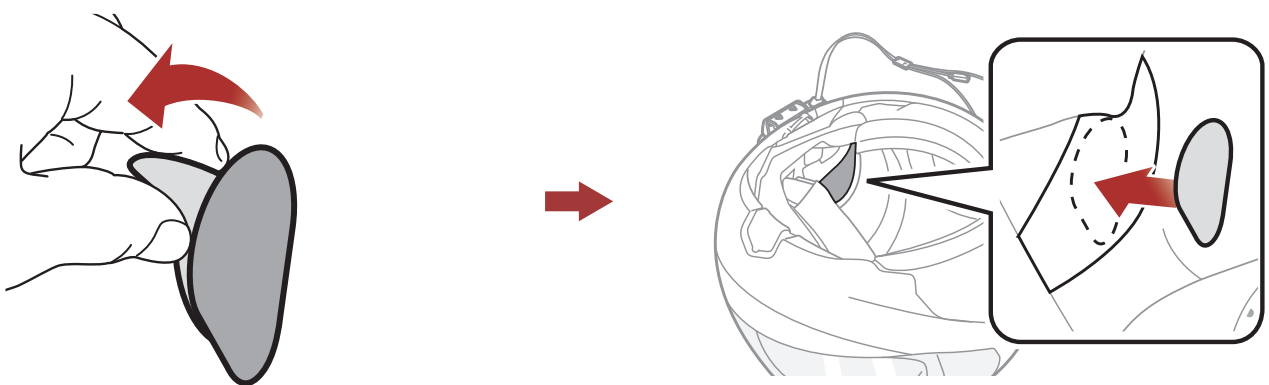


3. Insert the back plate of the clamp between the internal padding and external shell on the left side of the helmet.

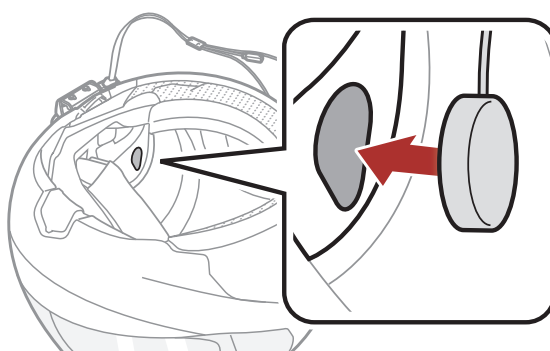


## 2.2 Installing the Speakers

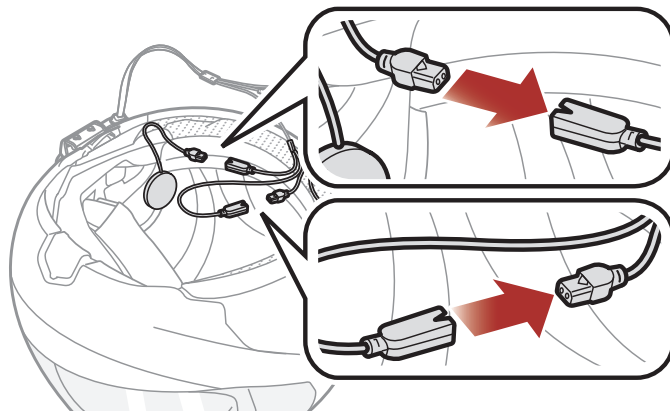
1. Peel off each cover of the hook and loop fasteners for speakers to expose the adhesive surface. Then, attach the fasteners to the ear pockets inside the helmet.



2. Attach the speakers to the hook and loop fasteners for speakers inside the helmet.



3. Align the arrows on the main unit and speaker cables and insert speaker cables into each speaker connector.



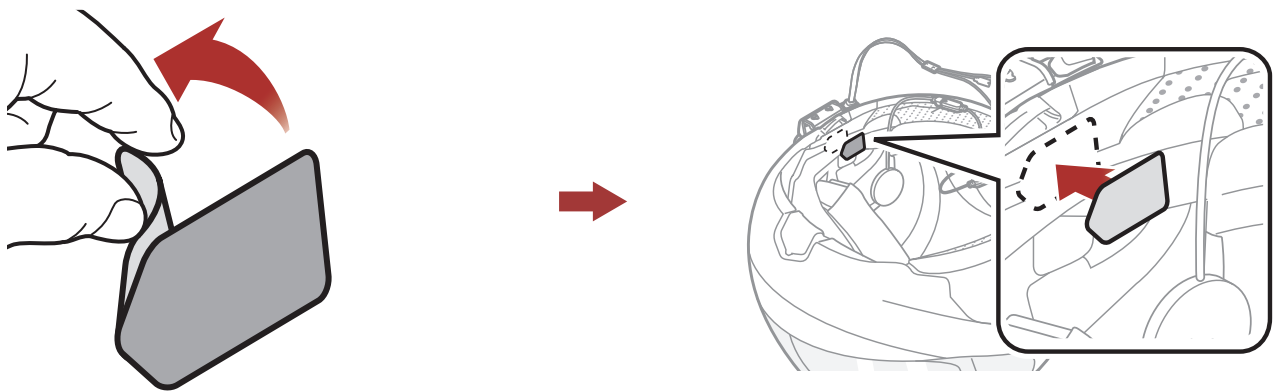
### Note:

- The cable for the speakers has two leads. The longer lead is for the right speaker and the shorter lead is for the left speaker.
- If the helmet has deep ear pockets, you can use the speaker pads to bring the speakers closer to your ears.

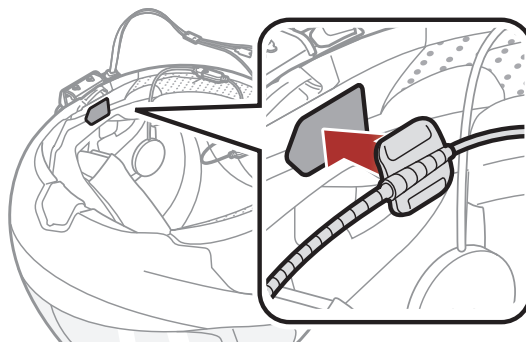
## 2.3 Installing the Microphones

### 2.3.1 Using the Wired Boom Microphone

1. Peel off the cover of the hook and loop fastener for wired boom microphone to expose the adhesive tape. Then, attach the hook and loop fastener on the inside surface of the left external shell.

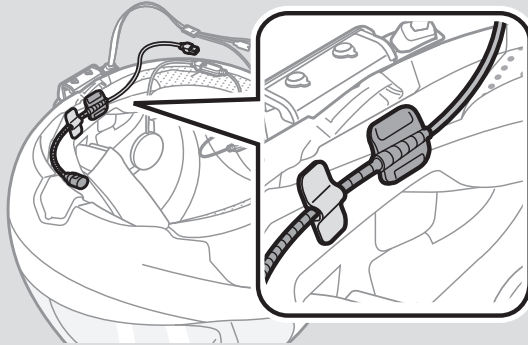


2. Attach the wired boom microphone's mounting plate to the hook and loop fastener.

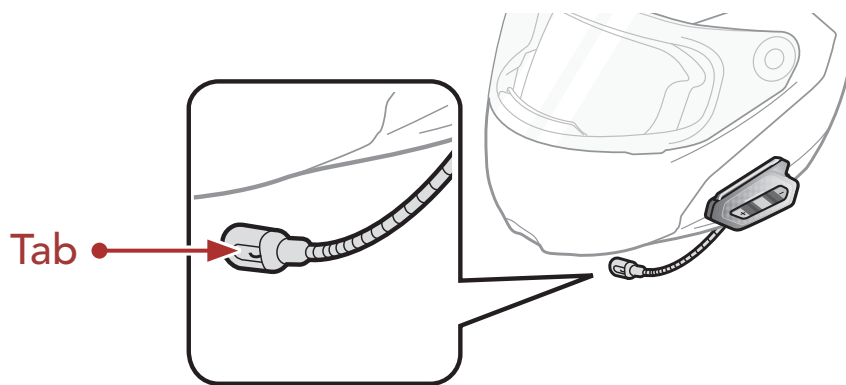


**Note:**

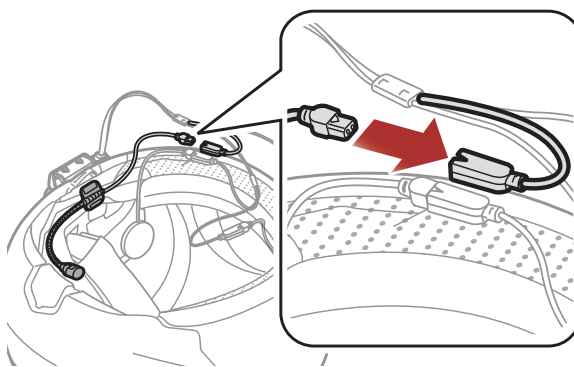
- After you install the wired boom microphone, make sure you reinstall the helmet's internal padding.
- You can use the boom microphone holder after attaching the hook and loop fastener for boom microphone holder on it to ensure secure installation.



3. Make sure that the microphone's receiver is located near your mouth.
4. Adjust the head of the microphone so that the tab is facing away from your mouth.



5. Align the arrows on the main unit and microphone cables and insert the microphone cable into the microphone connector.



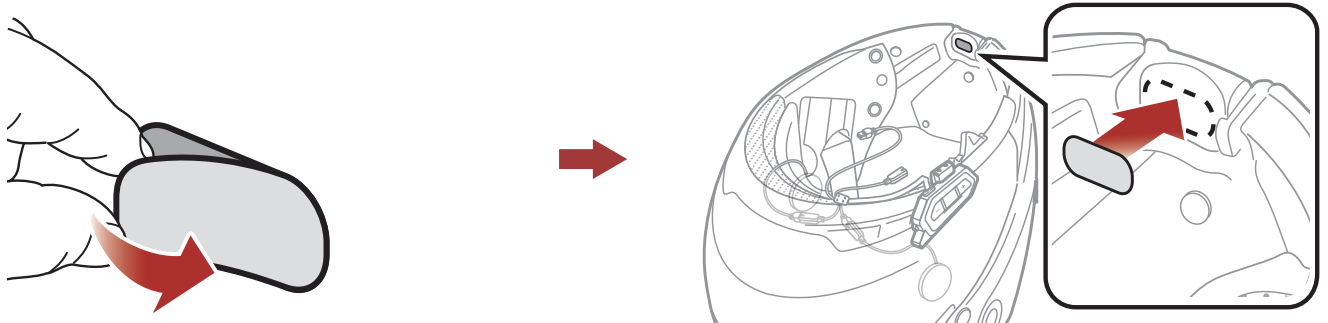
**Note:** The shortest cable is for the microphone.



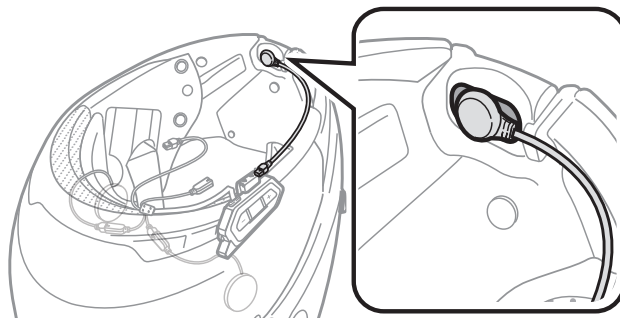
### 2.3.2 Using the Wired Microphone

If you have a full face helmet, you can use the wired microphone.

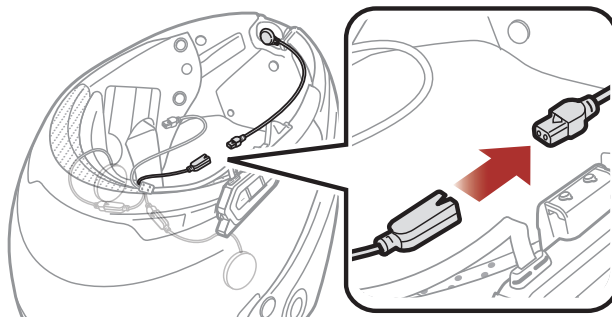
1. Peel off the cover of the hook and loop fastener for wired microphone to expose the adhesive tape. Then, attach the hook and loop fastener on the inside of the helmet's chin guard.



2. Attach the wired microphone to the hook and loop fastener for wired microphone.



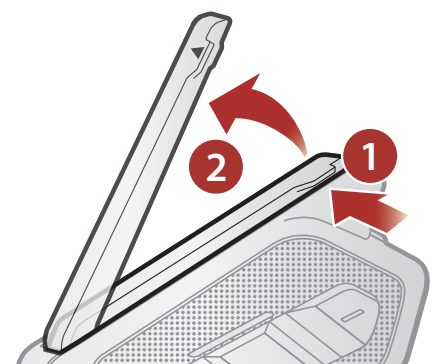
3. Align the arrows on the main unit and microphone cables and insert the microphone cable into the microphone connector.



**Note:** The shortest cable is for the microphone.

## 2.4 External Mesh Intercom Antenna

Pull the Mesh Intercom Antenna inwards slightly to unfold it.



# 3. GETTING STARTED

## 3.1 Downloadable Sena Software

### 3.1.1 SENA MOTORCYCLES App

By simply pairing your phone with your headset, you can use the **SENA MOTORCYCLES App** for quicker, easier set up and management.



- Download the **SENA MOTORCYCLES App** on **Google Play Store** or **App Store**.

### 3.1.2 Sena Device Manager

The **Sena Device Manager** allows you to upgrade firmware and configure settings directly from your PC.



- Download the **Sena Device Manager** at [sena.com](http://sena.com).

### 3.1.3 Firmware Upgrades

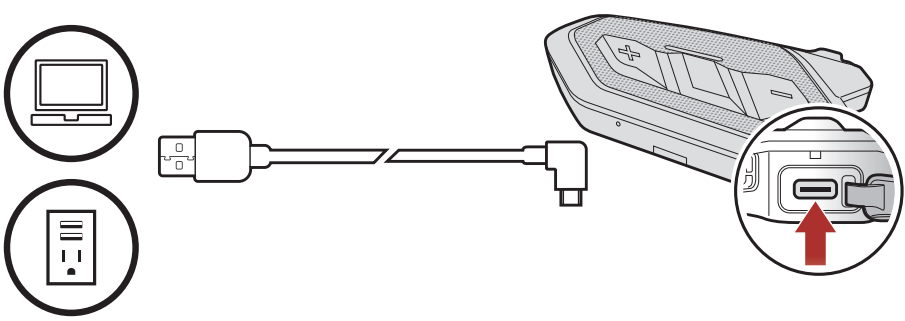
The headset supports firmware upgrades.

Please visit [sena.com](http://sena.com) to check for the latest software downloads.

- Download the **firmware** at [sena.com](http://sena.com).

## 3.2 Charging

### Charging the Headset



Depending upon the charging method, the headset will be fully charged in about 1.5 hours.

**Note:**

- The headset includes a **Fast Charging** feature which allows it to charge quickly over a short period of time. For example, a user can get up to 3.5 hours of Mesh communication after charging the headset for 20 minutes.
- Any 3rd party USB charger can be used with Sena products if the charger is approved by either the FCC, CE, IC or other locally approved agencies that Sena accepts.
- The **SPIDER RT1** is compatible with 5 V input USB-charged devices only.

## 3.3 Legend

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

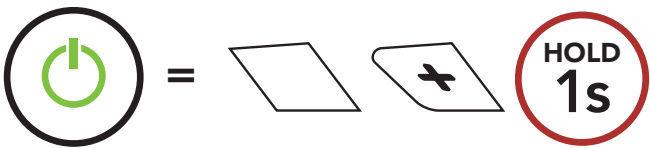
**HOLD 10s** Press and Hold button for the specified amount of time

 "Hello"

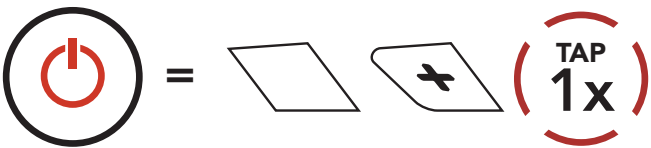
Audible prompt

## 3.4 Powering On and Off

### Powering On



### Powering Off



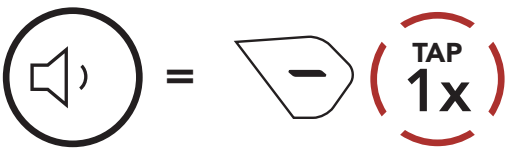
### 3.5 Volume Adjustment

You can raise or lower the volume by tapping the **(+) Button** or the **(-) Button**. Volume is set and maintained independently at different levels for each audio source (i.e., phone, intercom), even when the headset is rebooted.

#### Volume Up



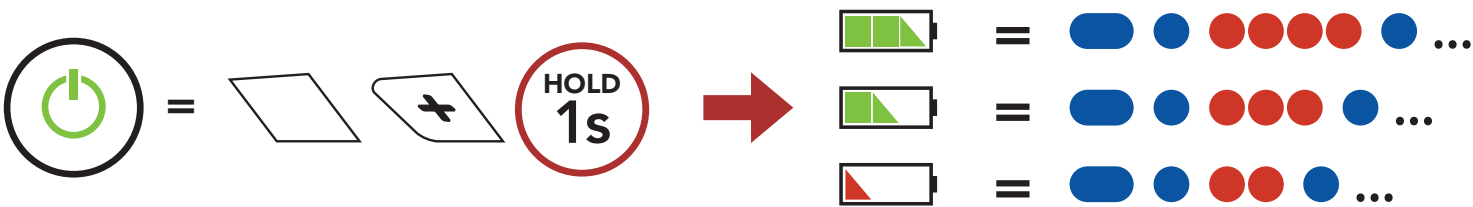
#### Volume Down



### 3.6 Checking the Battery Level

Instructions are for when powering the headset on.

#### Powering On

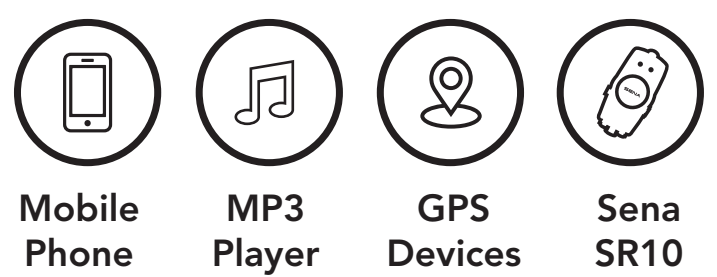


**Note:** When the battery is low while in use, you will hear a voice prompt saying **“Low battery”**.

# 4. PAIRING THE HEADSET WITH OTHER BLUETOOTH DEVICES

When using the headset with other Bluetooth devices for the first time, they will need to be “paired.” This enables them to recognize and communicate with one another whenever they are within range.

The headset can pair with multiple Bluetooth devices such as a mobile phone, GPS, MP3 player or Sena SR10 Two-Way Radio Adapter via **Mobile Phone Pairing, Second Mobile Phone Pairing and GPS Pairing.**



## 4.1 Phone Pairing

There are three ways to pair the phone.

### 4.1.1 Initially Pairing the SPIDER RT1

The headset will automatically enter the phone pairing mode when you initially turn on the headset or in the following situation:

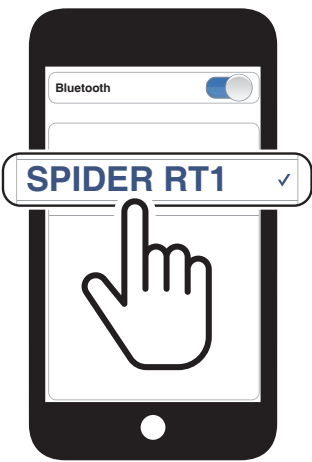
- Rebooting after executing **Factory Reset.**
1. Press and hold the **Center Button** and the **(+) Button** for **1 second.**



**Note:**

- The phone pairing mode lasts for **3 minutes.**
- To cancel phone pairing, tap the **Center Button.**

- 2. Select **SPIDER RT1** in the list of Bluetooth devices detected. If your mobile phone asks for a PIN, enter 0000.

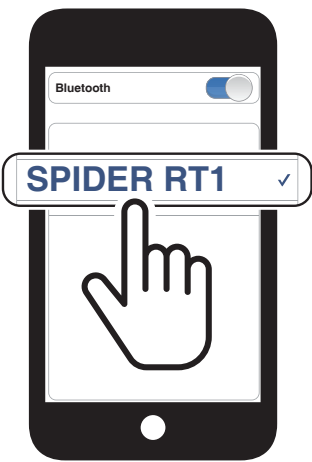


4.1.2 Pairing When the SPIDER RT1 is Turned Off

- 1. While the headset is off, press and hold the **Center Button** and the **(+) Button** for **5 seconds**.



- 2. Select **SPIDER RT1** in the list of Bluetooth devices detected. If your mobile phone asks for a PIN, enter 0000.

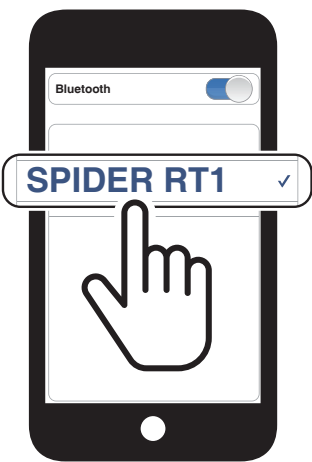


4.1.3 Pairing When the SPIDER RT1 is Turned On

- 1. While the headset is on, press and hold the **Center Button** for **5 seconds**.



- 2. Select **SPIDER RT1** in the list of Bluetooth devices detected. If your mobile phone asks for a PIN, enter 0000.



## 4.2 Second Mobile Phone Pairing - Second Mobile Phone, GPS, and SR10

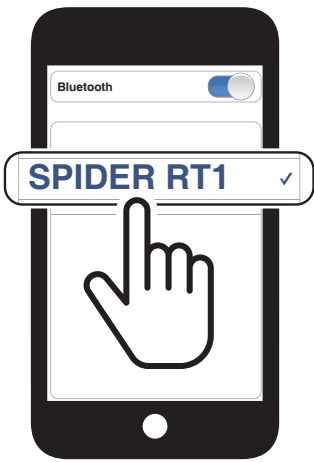
1. Press and hold the **Center Button** for **10 seconds**.



2. Tap the **(+) Button**.

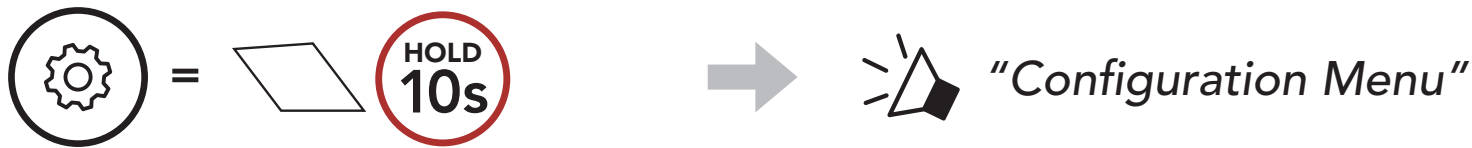


3. Select **SPIDER RT1** in the list of Bluetooth devices detected. If your mobile phone asks for a PIN, enter 0000.



## 4.3 GPS Pairing

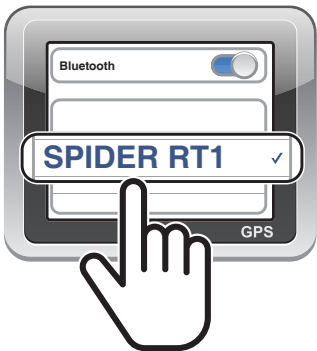
1. Press and hold the **Center Button** for **10 seconds**.



2. Double tap the **(+) Button**.



3. Select **SPIDER RT1** in the list of devices detected. If your Bluetooth device asks for a PIN, enter 0000.

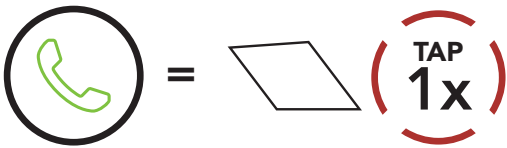


**Note:** If you pair your GPS device via GPS Pairing, its instruction will interrupt your Mesh Intercom conversations.

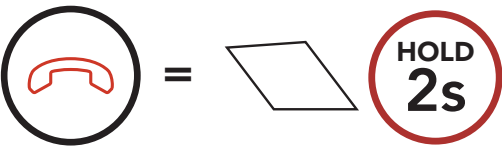
# 5. MOBILE PHONE USAGE

## 5.1 Making and Answering Calls

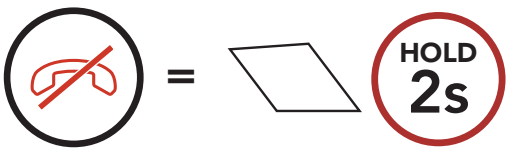
### Answer a Call



### End a Call



### Reject a Call



### Make a Call with Voice



**Note:** If you have a GPS device connected, you will not hear its voice navigations during a phone call.

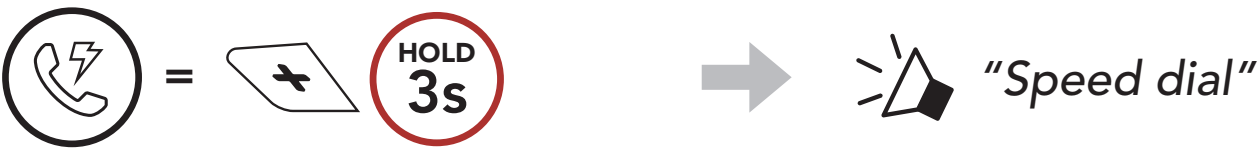
## 5.2 Speed Dialing

### 5.2.1 Assigning Speed Dial Presets

**Speed Dial Presets** could be assigned through the **Sena Device Manager** or the **SENA MOTORCYCLES App**.

### 5.2.2 Using Speed Dial Presets

1. Enter into the **Speed Dial** menu.



2. Navigate forward or backward through **Speed Dial Preset** numbers.





3. Call one of your **Speed Dial Presets** numbers.



4. Redial the last number called.

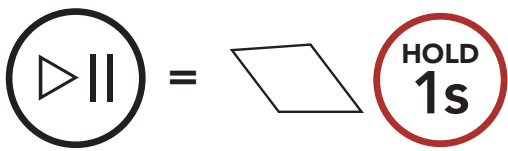
**Redial Last Number**



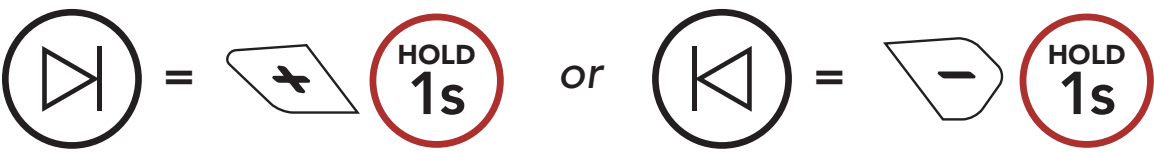
# 6. STEREO MUSIC

## 6.1 Playing Music with Bluetooth Devices

### Play/Pause Music



### Track Forward/Backward

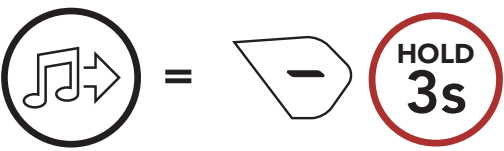


## 6.2 Music Sharing

You can start sharing music with one participant of a **Mesh Intercom**. Both you and a participant can remotely control music playback such as track forward and track back.

1. The **Creator** will send a request message to **participants** connected during **Mesh Intercom**.

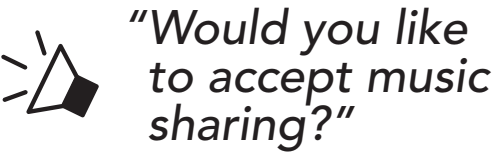
### [Creator]



### [Creator]



### [Participants]



2. The **Creator** will share music with the **first participant** that accepts the request.

### [Participant] Accept



### [Participant] Refuse

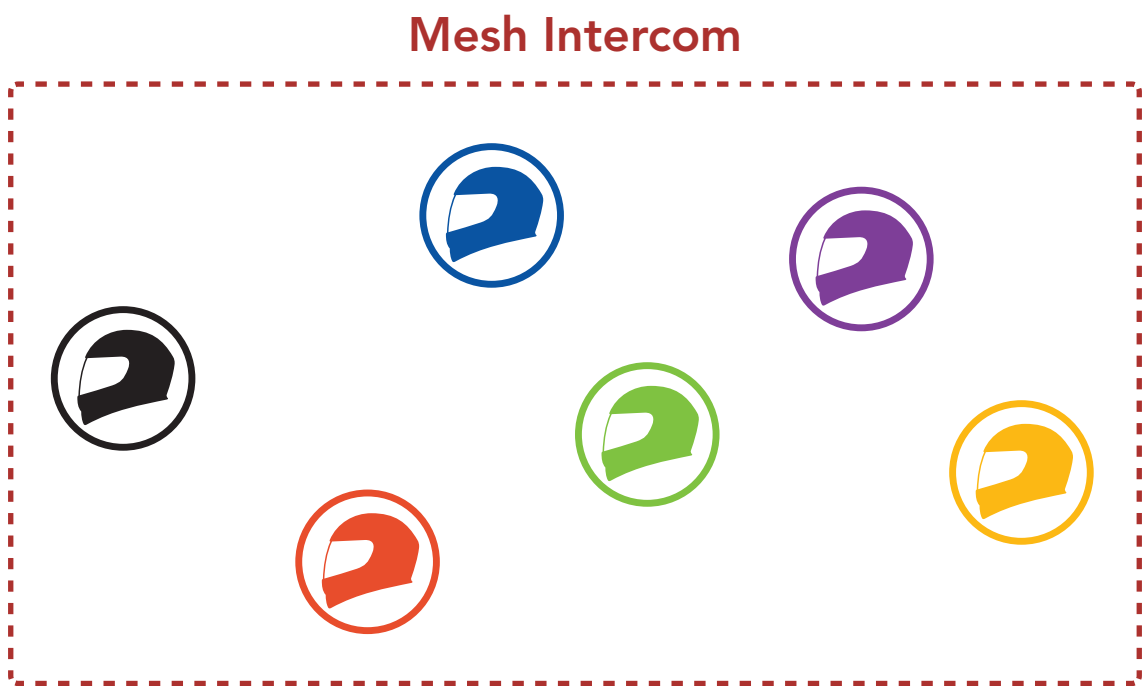


# 7. MESH INTERCOM

## 7.1 What is Mesh Intercom?

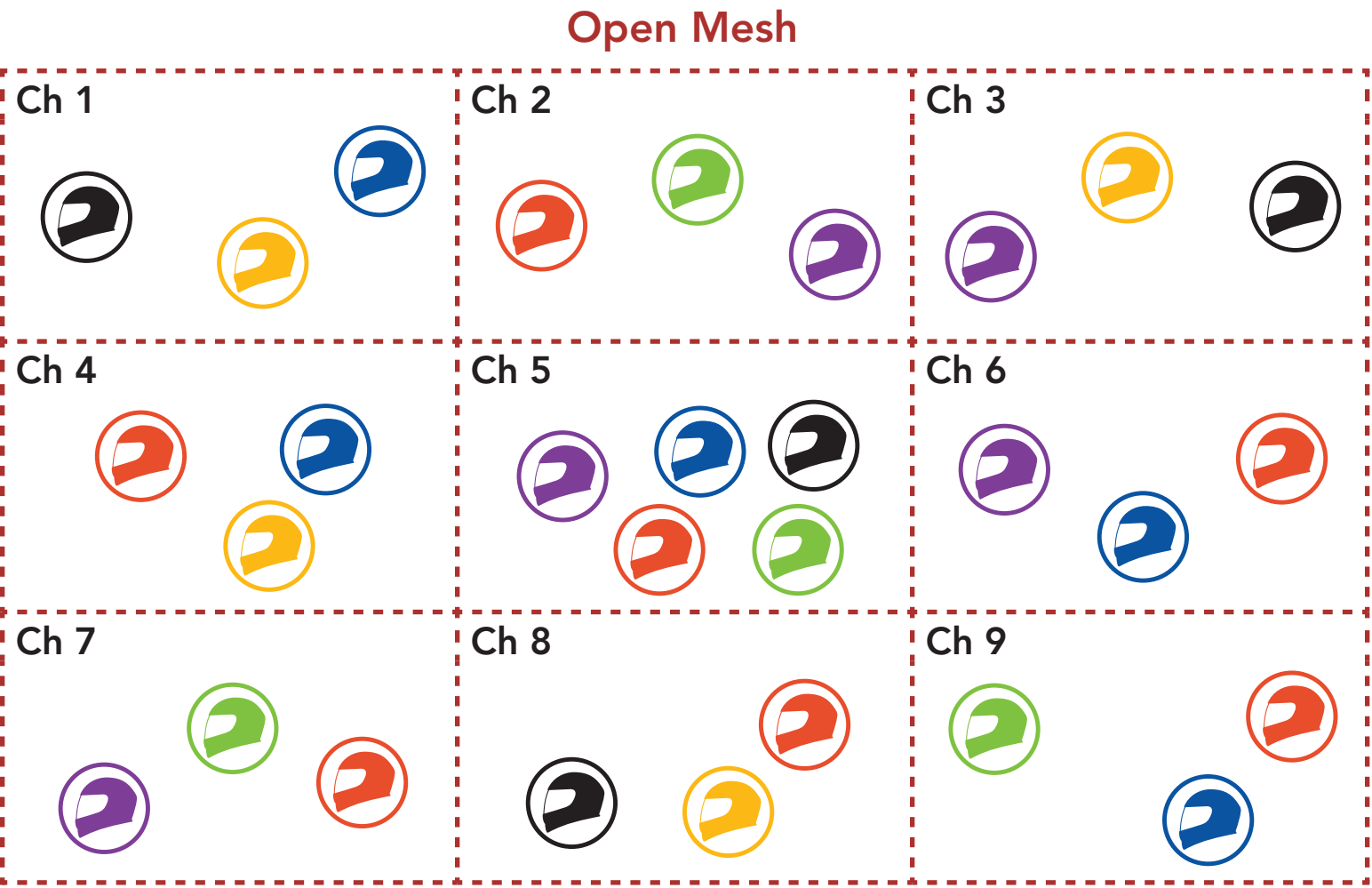
**Mesh Intercom™** is a dynamic communication system created by Sena that provides instant and effortless bike-to-bike communication without a pre-grouping process. **Mesh Intercom** allows riders to connect and communicate with nearby users without the need to pair each headset together.

The working distance between each **SPIDER RT1** in **Mesh Intercom** can be up to 2 km (1.2 miles) in open terrain. In open terrain, the **Mesh** can be extended up to 8 km (5 miles) between a minimum of six users. Within the same channel in **Open Mesh™** or the same private group in **Group Mesh™**, six users can talk at the same time and enjoy the optimal quality for their conversation.



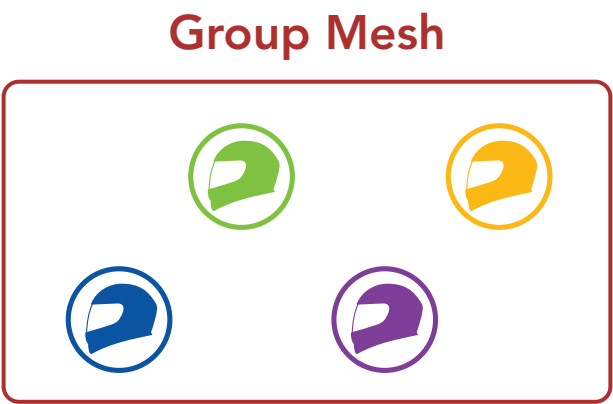
7.1.1 Open Mesh

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



7.1.2 Group Mesh

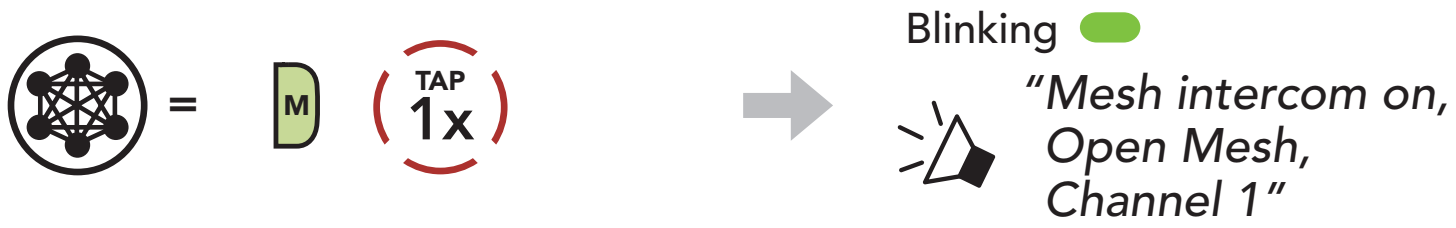
**Group Mesh** is a closed group intercom function that allows users to join, leave, or rejoin a group intercom conversation without pairing each headset. Users can freely communicate with each other in the same private group in **Group Mesh**. For closed intercom conversations using **Mesh Intercom**, a **Group Mesh** needs to be created by the users. When users create a private group in **Group Mesh** by **Mesh Grouping**, the headset automatically switches from **Open Mesh** to **Group Mesh**. Up to 24 users can all be connected in each private group.



## 7.2 Starting Mesh Intercom

When **Mesh Intercom** is enabled, the **SPIDER RT1** will automatically connect to nearby **SPIDER RT1** users and allow them to talk to each other by pressing the **Mesh Intercom Button**.

### Mesh Intercom On



### Mesh Intercom Off



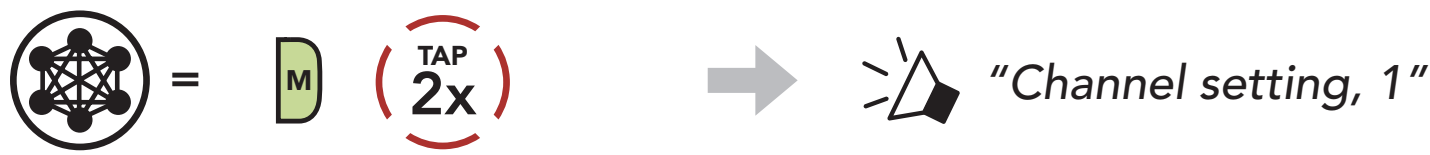
## 7.3 Using the Mesh in Open Mesh

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

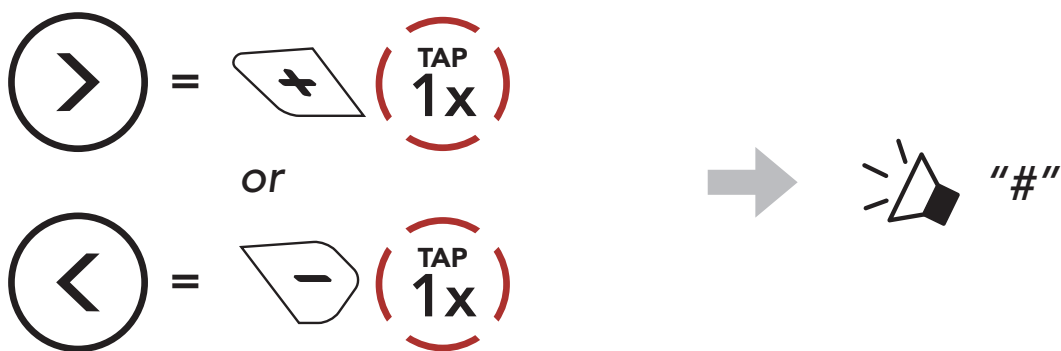
### 7.3.1 Channel Setting (Default: channel 1)

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.

1. Double tap the **Mesh Intercom Button**.



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



3. Save the channel.



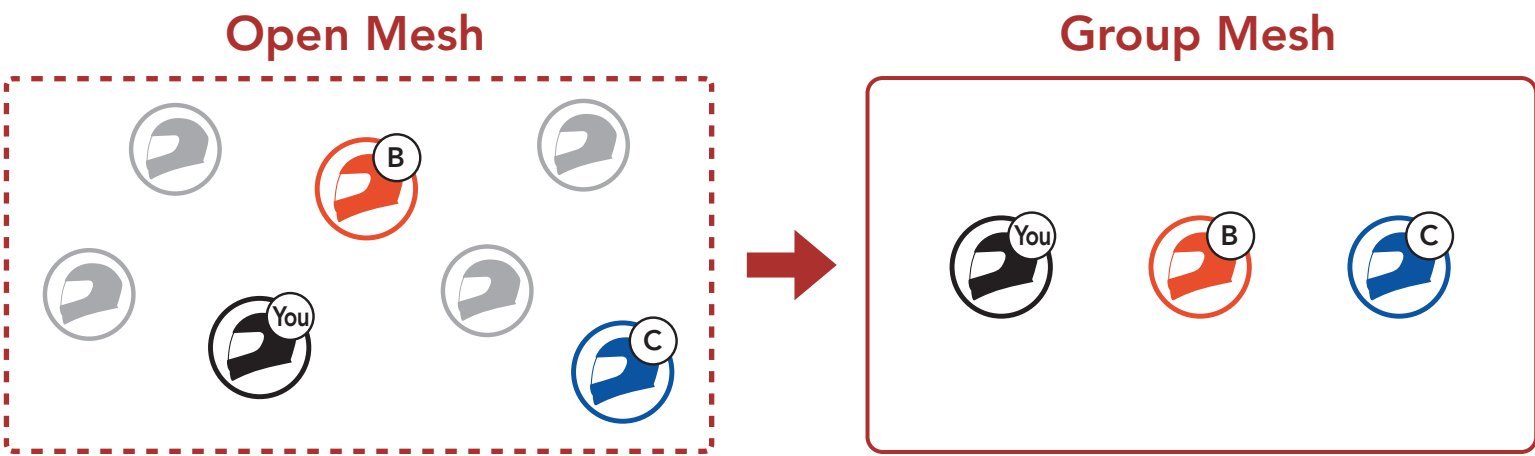
**Note:**

- **Channel Setting** always starts with channel 1.
- If you do not press any button for approximately **10 seconds** in a specific channel, the channel is automatically saved.
- The channel will be remembered even if you turn off the **SPIDER RT1**.
- You can use the **SENA MOTORCYCLES App** to change the channel.

## 7.4 Using Mesh in Group Mesh

### 7.4.1 Creating a Group Mesh

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



1. To enter **Mesh Grouping** to create a **Group Mesh**, press and hold the **Mesh Intercom Button** for **5 seconds** on the **users (You, B, and C)** headsets.



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**.

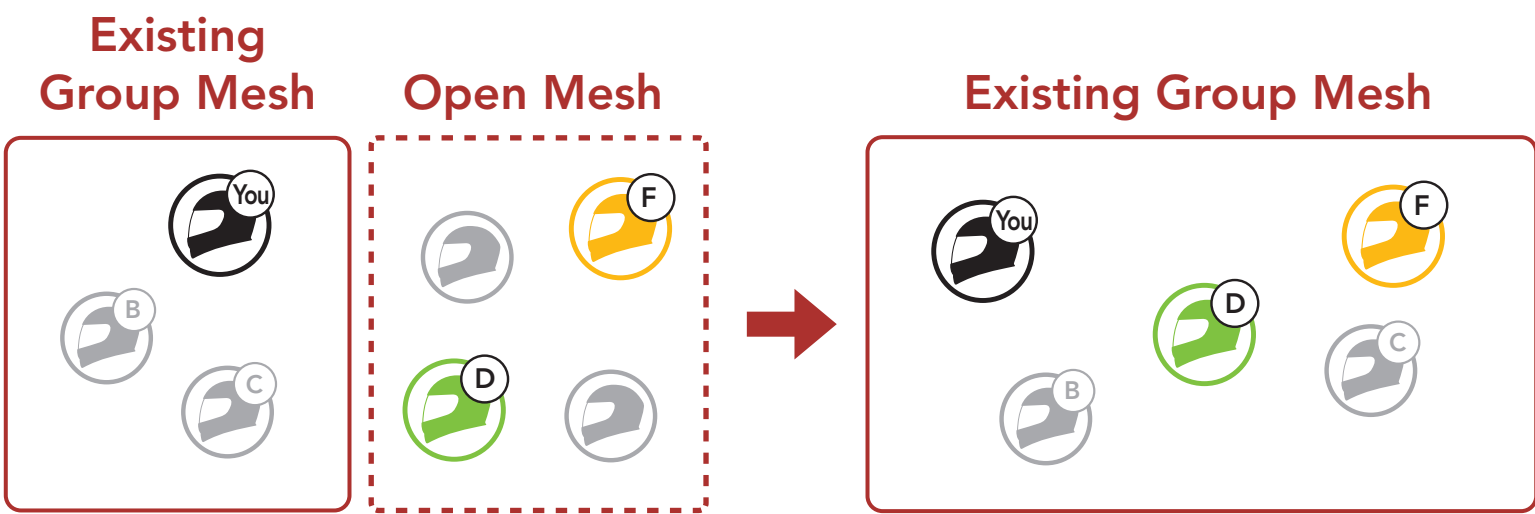


**Note:**

- If the **Mesh Grouping** is not completed within **30 seconds**, users will hear a voice prompt, **"Grouping failed"**.
- If you want to cancel during the **Mesh Grouping**, tap the **Mesh Intercom Button**.

7.4.2 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. To enter **Mesh Grouping** to join the **Existing Group Mesh**, press and hold the **Mesh Intercom Button** for **5 seconds** on the headsets of **one (You) of the current users** in the **Existing Group Mesh** and the **new users (D and F)** in **Open Mesh**.



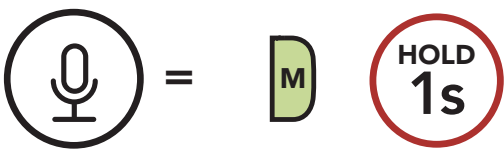
2. When **Mesh Grouping** is completed, the **new users (D and F)** will hear a voice prompt on their headset as **Open Mesh** switches to **Group Mesh**.



**Note:** If the **Mesh Grouping** is not completed within **30 seconds**, the current user (You) will hear a low tone double beep and the new users (D and F) will hear a voice prompt, **"Grouping failed"**.

## 7.5 Enable/Disable Mic (Default: Enable)

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

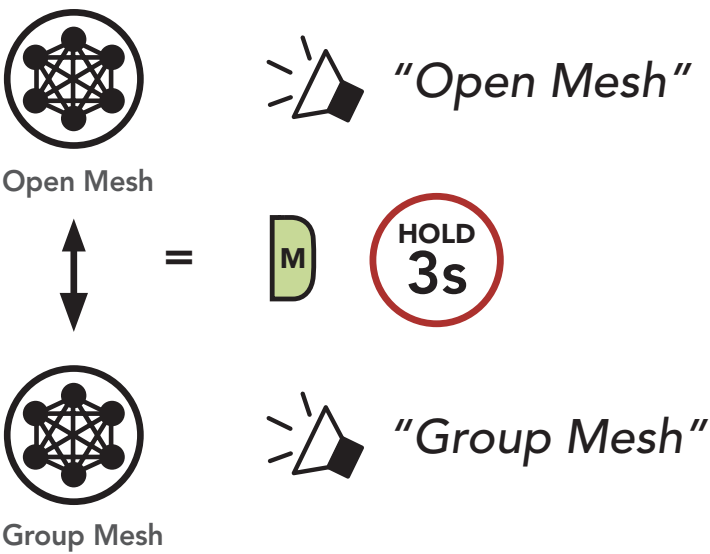


## 7.6 Toggling Open Mesh/Group Mesh

Users are able to toggle between **Open Mesh** and **Group Mesh** without resetting the **Mesh**. This allows users to keep the **Group Mesh Network** connection information while in **Open Mesh**.

Users can toggle to **Group Mesh** to communicate with participants from the stored **Group Mesh Network** connection information.

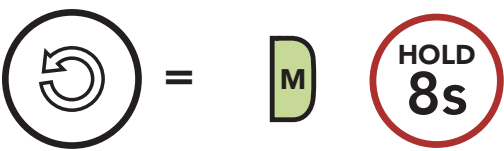
### Toggle Between Open Mesh and Group Mesh



**Note:** If you have never participated in **Group Mesh**, you cannot toggle between **Open Mesh** and **Group Mesh**. You will hear a voice prompt, **“No Group Available”**.

## 7.7 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)**.





## 8. MESH AUDIO MULTITASKING (ALWAYS ON)

**Audio Multitasking** allows you to have an intercom conversation while simultaneously listening to music.

The overlaid audio is played in the background with reduced volume whenever there is an intercom conversation and will return to normal volume once the conversation is finished.

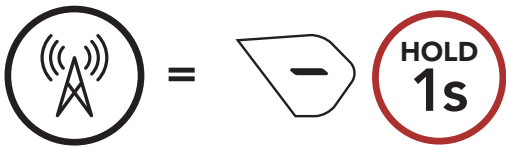
The **Audio Multitasking** can be configured through the **Intercom-Audio Overlay Sensitivity** and the **Audio Overlay Volume Management settings**.

The **Intercom-Audio Overlay Sensitivity** and the **Audio Overlay Volume Management settings** can be found in the **Software Configuration Setting**, accessible through the **Sena Device Manager** or the **SENA MOTORCYCLES App**.

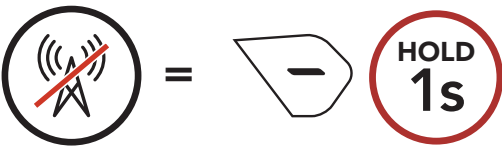
# 9. USING THE FM RADIO

## 9.1 FM Radio On/Off

### FM Radio On



### FM Radio Off



## 9.2 Seek and Save Radio Stations

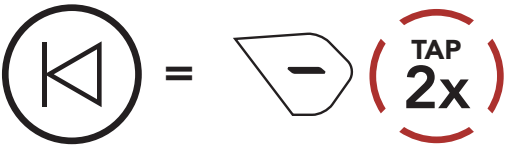
The **“Seek”** feature searches for radio stations.

- 1. Search for radio stations.

### Seek Stations Forward

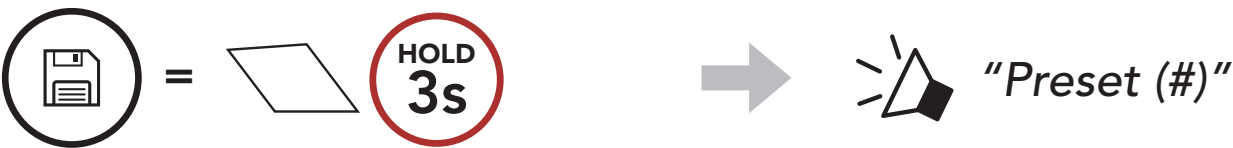


### Seek Stations Backward



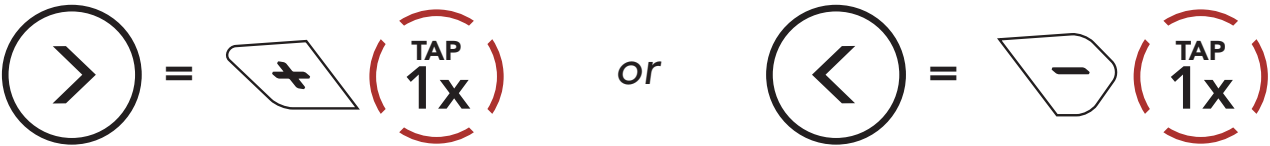
- 2. Save the current station.

### Enter Preset Selection Mode



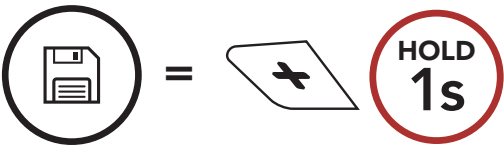
- 3. Navigate through the preset numbers that you want to store.

### Navigate Forward/Backward Through Preset Stations

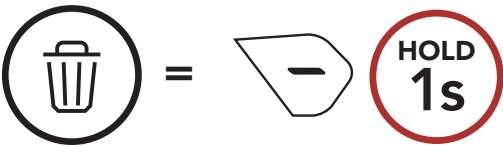


- 4. Save the station in the preset number you choose or delete the station from memory.

### Save Station to the Preset Number



### Delete Station from Memory

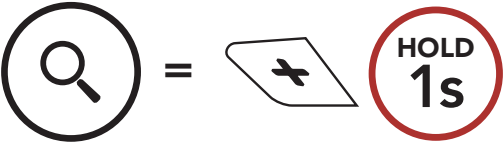


### 9.3 Scan and Save Radio Stations

The **“Scan”** function automatically searches for radio stations, starting with the current station’s frequency, then up from there.

1. Scan for stations.

**Start Scanning**



**Stop scanning**



2. The Sena tuner pauses at each station it finds for **8 seconds** before moving to the next.
3. Save the current station. The station will be saved as the next preset number.

**Save the Current Station**

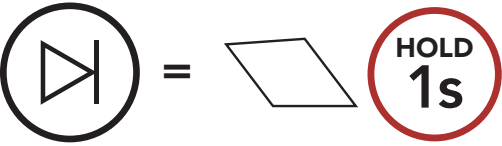


**Note:** You can use the **Sena Device Manager** or the **SENA MOTORCYCLES App** to save the preset stations.

### 9.4 Navigating Preset Stations

Using the methods above, up to 10 radio stations can be stored. You can navigate through the saved stations.

**Navigate through Preset Stations**



## 9.5 Temporary Station Preset

The **Temporary Preset** feature automatically finds and saves the nearest 10 radio stations without changing your existing preset stations.

1. Automatically find and save 10 stations.

### Temporary Stations



2. The temporary preset stations will be cleared when the headset reboots.

## 10. FUNCTION PRIORITY

The headset prioritizes connected devices in the following order:

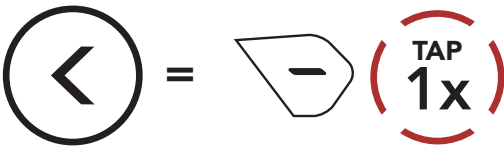
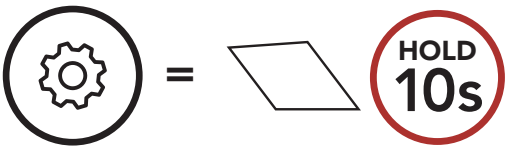
- (highest)**      Mobile phone
- Mesh Intercom
- Music sharing via Bluetooth stereo
- FM radio
- (lowest)**      Bluetooth stereo music

A lower-priority function gets interrupted by a higher-priority function. For example, stereo music will be interrupted by an incoming mobile phone call.

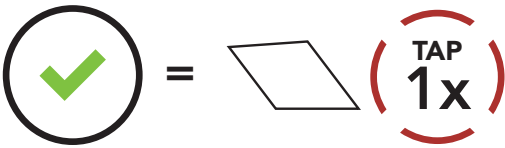
# 11. CONFIGURATION SETTING

## 11.1 Headset Configuration Menu

Access the Configuration Menu      Navigate Between Menu Options



Execute Menu Options



Headset Configuration Menu

Voice Configuration Menu	Tap the Center Button
Second Mobile Phone Pairing	None
GPS Pairing	None
Factory Reset	Execute
Exit	Execute

## 11.2 Software Configuration Setting

You can change the settings of the headset through the **Sena Device Manager** or the **SENA MOTORCYCLES App**.



### 11.2.1 Audio Equalizer (Default: Off)

You can use the **Audio Equalizer** to increase/decrease the decibel level of different frequency ranges of audio.

- **Balance** will adjust all of the frequency ranges to be the same volume level (0 dB).
- **Bass Boost** will increase the bass range of audio (20 Hz - 250 Hz).
- **Mid Boost** will increase the mid range of audio (250 Hz - 4 kHz).
- **Treble Boost** will increase the high range of audio (4 kHz - 20 kHz).

### 11.2.2 VOX Phone (Default: Enable)

If this feature is enabled, you can answer incoming calls by voice. When you hear a ringtone for an incoming call, you can answer the phone by saying a word such as **"Hello"** loudly or by blowing air into the microphone. **VOX phone** is temporarily disabled if you are connected to intercom. If this feature is disabled, you have to tap the **Center Button** to answer an incoming call.

### 11.2.3 VOX Sensitivity (Default: 3)

**VOX sensitivity** can be adjusted depending on your riding environment. **Level 5** is the highest sensitivity setting and **level 1** is the lowest.

### 11.2.4 Intercom-Audio Overlay Sensitivity (Default: 3)

The music will be lowered to play in the background if you talk over the intercom while the overlaid audio is playing. You can adjust the intercom sensitivity to activate this background audio mode. **Level 1** has the lowest sensitivity and **level 5** has the highest sensitivity.

**Note:** If your voice is not louder than the sensitivity of the selected level, the overlaid audio will not be lowered.

### 11.2.5 Audio Overlay Volume Management (Default: Disable)

The music overlaid audio reduces in volume whenever there is an ongoing intercom conversation. If **Audio Overlay Volume Management** is enabled, the volume level of the overlaid audio will not be reduced during an intercom conversation.

### 11.2.6 HD Voice (Default: Enable)

**HD Voice** allows you to communicate in high-definition during phone calls. This feature increases the quality so that the audio will be crisp and clear during phone call conversations.

If this feature is enabled, incoming phone calls will interrupt intercom conversations and audio from the SR10 will not be heard during intercom conversations.

**Note:** Refer to the manufacturer of your Bluetooth device that will be connected to the headset to see if it supports **HD Voice**.

### 11.2.7 Voice Prompt (Default: Enable)

You can disable voice prompts by software configuration settings, but the following voice prompts are always on.

- Headset configuration settings menu, battery level indicator, speed dial, FM radio functions

### 11.2.8 RDS AF Setting (Default: Disable)

**Radio Data System (RDS) Alternative Frequency (AF) Setting** allows a receiver to re-tune to the second frequency location when the first signal becomes too weak. With **RDS AF** enabled on the receiver, a radio station with more than one frequency can be used.

### 11.2.9 FM Station Guide (Default: Enable)

When **FM Station Guide** is enabled, FM station frequencies are given by voice prompts as you select preset stations. When **FM Station Guide** is disabled, the voice prompts on FM station frequencies will not be given as you select preset stations.



### 11.2.10 Region Selection

You can select the proper FM frequency range for your location. Using the region setting, you can optimize the seek function to avoid unnecessary frequency ranges.

Region	Frequency range	Step
Worldwide	76.0 ~ 108.0 MHz	± 100 kHz
North America, South America and Australia	87.5 ~ 107.9 MHz	± 200 kHz
Asia and Europe	87.5 ~ 108.0 MHz	± 100 kHz
Japan	76.0 ~ 95.0 MHz	± 100 kHz

# 12. TROUBLESHOOTING

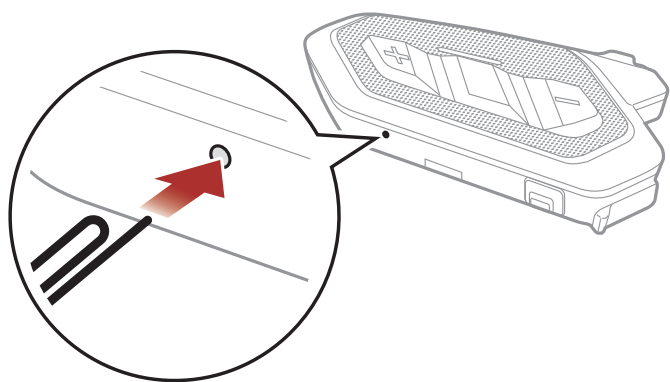
Please visit [sena.com](https://sena.com) for more troubleshooting information.

- Customer Support: [sena.com](https://sena.com)

## 12.1 Fault Reset

When the headset is not working properly, you can easily reset the unit:

1. Locate the **Pinhole Fault Reset Button** at the bottom of the main unit.
2. Gently insert a paperclip into the hole and tap the **Pinhole Fault Reset Button** with light pressure. The headset will shut down.



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

## 12.2 Factory Reset

To erase all of your settings and start fresh, the headset can be restored to factory default settings using the **Factory Reset** feature.

1. = → "Configuration menu"
2. = → "Factory Reset"
3. = → "Headset reset, good-bye"



Copyright © 2021 Sena Technologies, Inc.  
All rights reserved.

© 1998–2021 Sena Technologies, Inc. All rights reserved.

Sena Technologies, Inc. reserves the right to make any changes and improvements to its product without providing prior notice.

Sena™ is a trademark of Sena Technologies, Inc. or its subsidiaries in the USA and other countries. SF1™, SF2™, SF4™, SFR™, SRL™, Momentum™, Momentum INC™, Momentum Lite™, Momentum Pro™, Momentum INC Pro™, Momentum EVO™, Cavalry™, Latitude SR™, Latitude SX™, Latitude S1™, 30K™, 33i™, 50S™, 50R™, 5S™, 20S EVO™, 20S™, 10S™, 10C™, 10C PRO™, ProRide EVO™, 10C EVO™, 10U™, 10Upad™, 10R™, ACS10™, 3S™, 3S PLUS™, SMH5™, SMH5-FM™, SMH5 MultiCom™, SMH10™, SMH10R™, SPH10™, SPH10H-FM™, Savage™, Prism Tube WiFi™, Prism™, Bluetooth Audio Pack for GoPro®, R1™, R1 EVO™, R1 EVO CS™, R2™, R2 EVO™, M1™, M1 EVO™, RUMBA™, RC1™, RC3™, RC4™, Handlebar Remote™, Wristband Remote™, PowerPro Mount™, Powerbank™, FreeWire™, WiFi Docking Station™, WiFi Sync Cable™, WiFi Adapter™, +mesh™, +Mesh Universal™, MeshPort Blue™, MeshPort Red™, MeshPort Black™, Econo™, OUTRUSH™, OUTRUSH R™, OUTSTAR™, OUTSTAR S™, EcoCom™, Parani A10™, Parani A20™, Parani M10™, pi™, Snowtalk™, Snowtalk2™, SR10™, SR10i™, SM10™, SPIDER RT1™, SPIDER ST1™, X1™, X1 Pro™, X1S™, Expand™, Expand Boom™, Bluetooth Mic & Intercom™, Tufftalk™, Tufftalk Lite™, Tufftalk M™ are trademarks of Sena Technologies, Inc. or its subsidiaries. These trademarks may not be used without the express permission of Sena.

GoPro® is a registered trademark of Woodman Labs of San Mateo, California. Sena Technologies, Inc. ("Sena") is not affiliated with Woodman Labs, Inc. The Sena Bluetooth Pack for GoPro® is an aftermarket accessory specially designed and manufactured by Sena Technologies, Inc. for the GoPro® Hero3 and Hero4 allowing for Bluetooth capabilities.

The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Sena is under license. iPhone® and iPod® touch are registered trademarks of Apple Inc.

Address: 152 Technology Drive Irvine, CA 92618