SENA

USER GUIDE

Firmware Version: 1.1.x

Last updated on Oct 27, 2026

R35

MOTORCYCLE MESH COMMUNICATION SYSTEM

The firmware version 1.1.x indicates that this manual is applicable to all firmware updates within the version 1.1 series.

QUICK REFERENCE

(+) : (+) button
(–) : (–) button
M : Mesh Intercom button
C : Center button

Type	Operation	Button	Duration
Basic operations	Power on	C & (+)	Press for 1 second
	Power off	C & (+)	Single tap
	Volume up/down	(+) or (–)	Single tap
Phone	Phone pairing	C	Press for 5 seconds
	Answer phone call	C	Single tap
	End phone call	C	Press for 2 seconds
	Reject phone call	C	Press for 2 seconds
	Activate voice assistant	C	Press for 3 seconds
	Speed dial	(+)	Press for 3 seconds
	Play/Pause music	C	Press for 1 second
	Track forward/back	(+) or (–)	Press for 1 second
Mesh Intercom™	Mesh Intercom on/off	M	Single tap
	Mute/unmute mic	M	Press for 1 second
	Channel selection	M	Double tap
	Mesh grouping	M	Press for 5 seconds
	Reset mesh	M	Press for 8 seconds
Wave Intercom™	Wave Intercom on	M	Double tap
	Wave Intercom off	M	Single tap
	Switch to Mesh Intercom	C	Single tap
Troubleshooting	Fault reset	C & (+)	Press for 10 seconds
Configuration menu		C	Press for 10 seconds

BEFORE GETTING STARTED

Sena Motorcycles App

Download the Sena Motorcycles app from the Google Play Store or the App Store.

WAVE Intercom App

Download the WAVE Intercom app from the Google Play Store or the App Store.

For detailed information on the Wave Intercom, please refer to the Wave Intercom User Guide at sena.com.

CLICK
ANY SECTION TO BEGIN



ABOUT THE R35

INSTALLATION

BASIC OPERATION

RIDEGLOW LED

PAIRING WITH BLUETOOTH DEVICES

USING WITH A SMARTPHONE

MESH INTERCOM

WAVE INTERCOM

AUDIO MULTITASKING

VOICE COMMAND

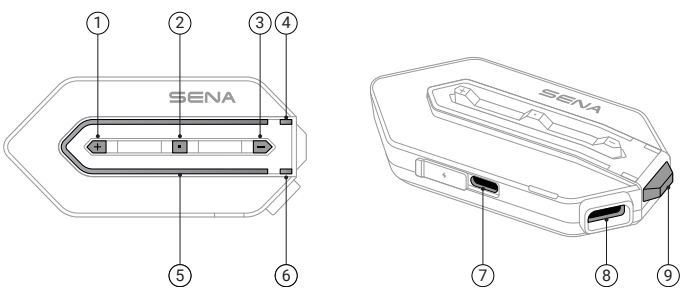
FIRMWARE UPDATE

TROUBLESHOOTING

01 ABOUT THE R35

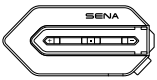
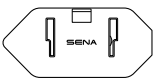
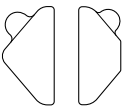
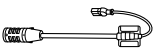
Key Features

- Mesh Intercom 3.0 with improved sound quality, a more robust connection, and extended talk time
- Dual version Mesh: Mesh 2.0 for backward compatibility
- Wave Intercom compatible
- AI-based noise cancellation
- Enhanced voice command
- Interchangeable faceplates
- Dynamic LED
- IPx7 waterproof rating
- Bluetooth version 5.3
- Over-the-Air (OTA) firmware update



① (+) button
② Center button
③ (–) button
④ Status LED
⑤ Dynamic LED
⑥ Charging LED
⑦ USB-C charging port
⑧ Speakers & microphone connection
⑨ Mesh Intercom button

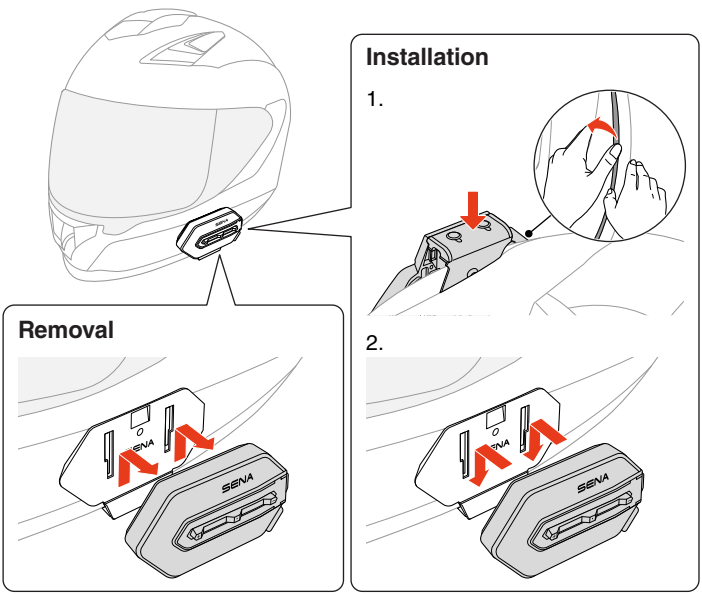
Package Contents

 R35	 × 3 Interchangeable faceplates	 Helmet clamp	 Speakers
 Glued surface mounting plate	 Double sided adhesive pads	 × 2 Speaker pads	 × 2 Velcro pads for speakers
 Wired-boom microphone	 Wired microphone	 × 2 Microphone sponges	 Velcro pad for wired-boom microphone
 Velcro pad for wired microphone	 Wired-boom microphone holder	 Velcro pad for wired-boom microphone holder	 USB-C charging cable

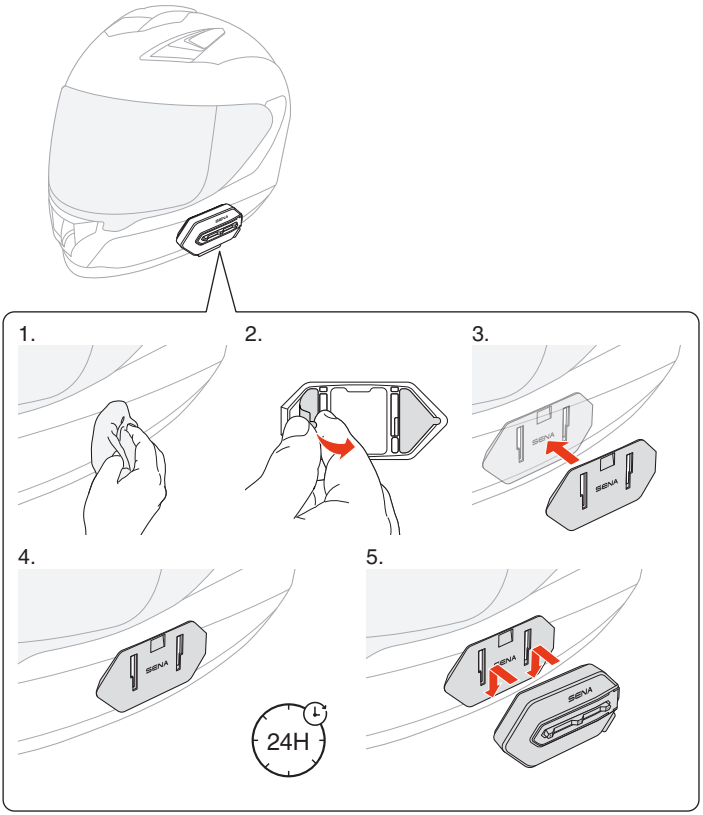
02 INSTALLATION

Main Unit & Clamps

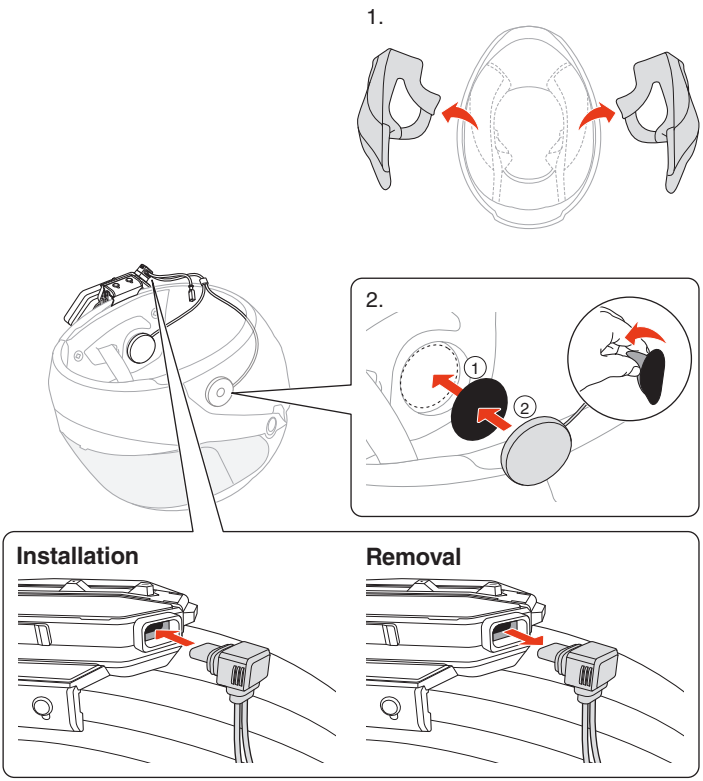
Helmet Clamp

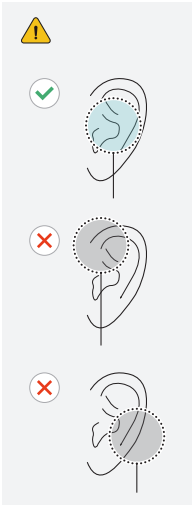


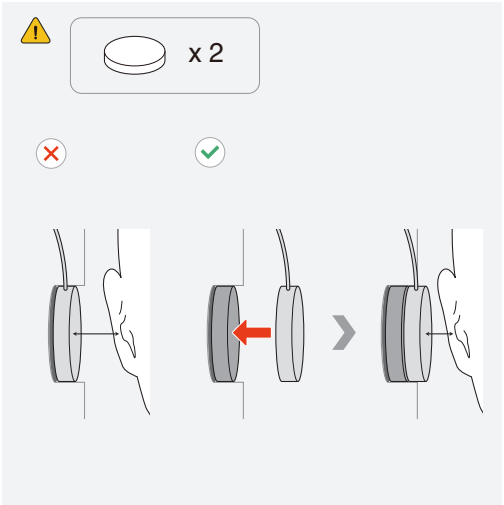
Glued Surface Mounting Plate



Speakers

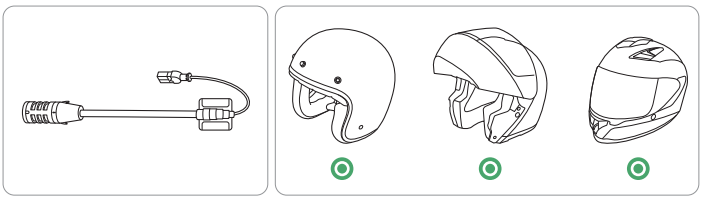


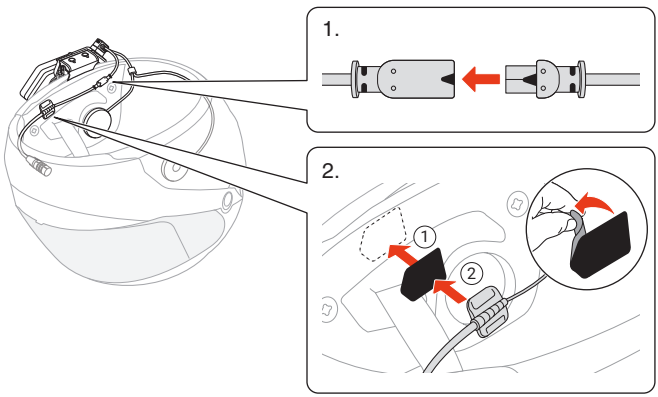


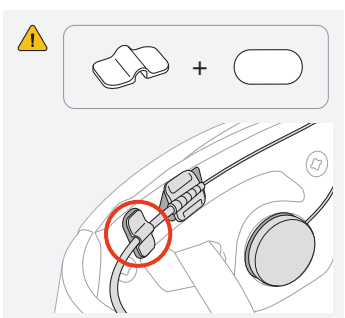

x 2

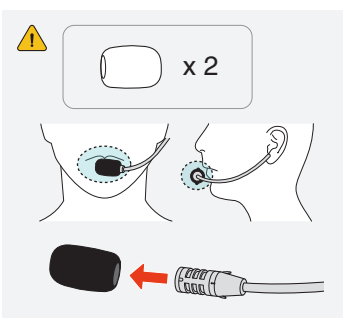
Microphone

Wired-Boom Microphone

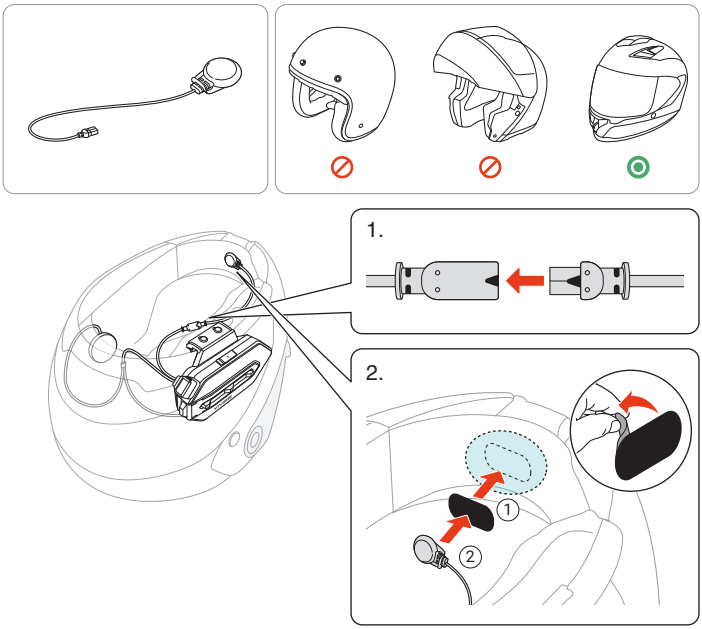




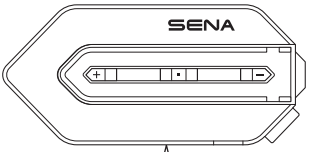




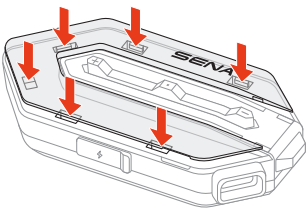
Wired Microphone



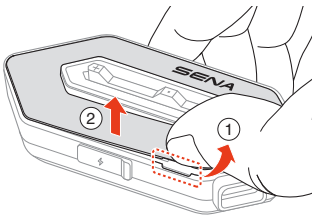
Interchangeable Faceplates



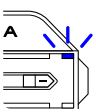
Installation



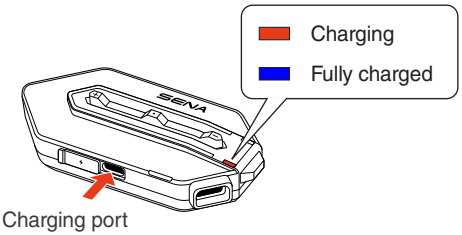
Removal



03 BASIC OPERATION

	Tap Tap the button the specified number of times
	Press and Hold Press and hold the button for the specified amount of time
	Voice Prompt
	Voice Command
	LED

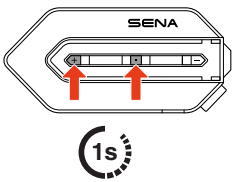
Charging



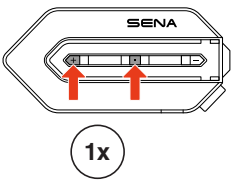
It takes 2 hours to fully charge.

- The R35 features fast charging, delivering 4 hours of Mesh Intercom with just a 20-minute charge.
- Any third-party USB charger can be used, as long as it is approved by the FCC, CE, IC, or other locally recognized regulatory agencies.
- Using a non-approved charger may cause fire, explosion, leakage, and other hazards, potentially reducing the battery's lifespan or performance.

Power On

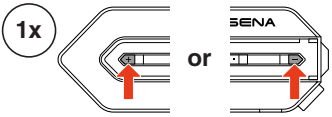


Power Off



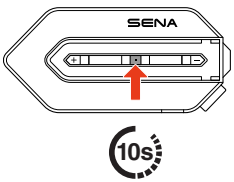
- The R35 enters deep sleep mode if it remains motionless for 2 minutes.
- If any motion is detected within 3 days, the R35 wakes up. Otherwise, it powers off completely after 3 days.
- To enable or disable this function, go to Device Settings and toggle Auto On/Off in the Sena Motorcycles app.

Volume



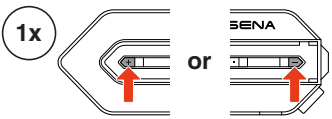
Configuration

Enter Configuration

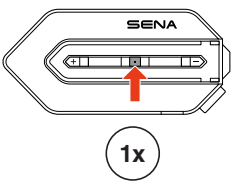


"Configuration menu"

Navigate

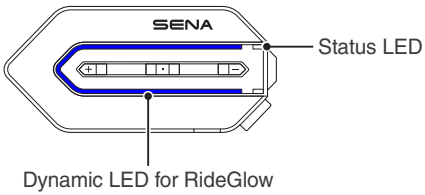


Confirm



04 RIDEGLOW LED

The RideGlow feature uses the dynamic LED to indicate the device's current status or display glowing effects while riding. You can customize the color and pattern of the glowing effect through the Sena Motorcycles app.

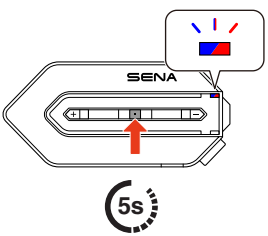


05 PAIRING WITH BLUETOOTH DEVICES

When using the R35 with other Bluetooth devices for the first time, they need to be paired. The R35 can pair with multiple devices, including two mobile phones and one GPS. However, it supports only one additional device, alongside a mobile phone, for simultaneous connection.

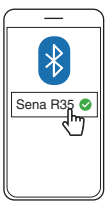
Phone Pairing

1.



"Phone pairing"

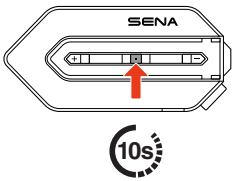
2.



- When you turn on the R35 for the first time or reboot it after a factory reset, the R35 will automatically enter phone pairing mode.
- To cancel phone pairing, press any button.

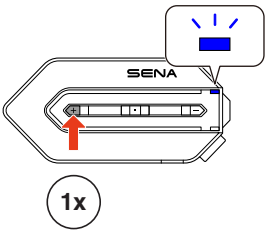
Second Mobile Phone Pairing

1.



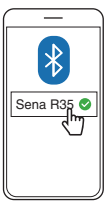
"Configuration menu"

2.



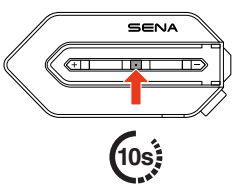
"Second mobile phone pairing"

3.



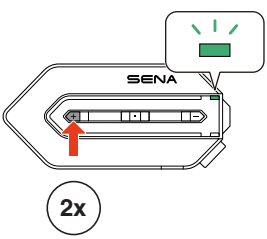
GPS Pairing

1.



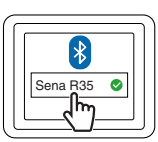
"Configuration menu"

2.



"GPS pairing"

3.



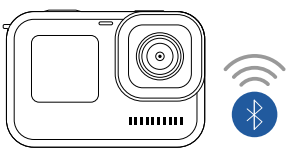
Action Camera Pairing

Pairing the R35 with an action camera allows you to record audio from the Mesh Intercom conversations. You can also use the action camera's voice commands via the headset's microphone.

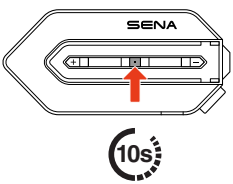
- For detailed instructions on voice commands, refer to the user guide for your action camera.

Device Pairing

1. Put your action camera in Bluetooth pairing mode.

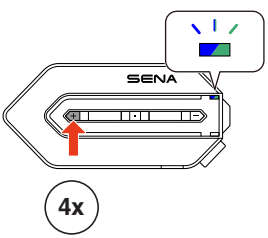


2.



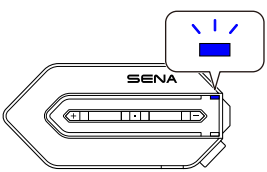
"Configuration menu"

3.



"Action cam pairing"

4. Wait until you hear a voice prompt.



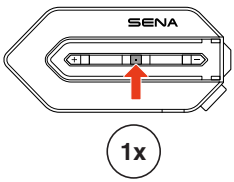
"Device Connected"

- When paired with an action camera, music is disabled.

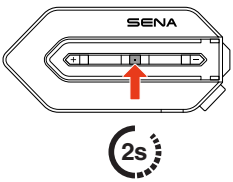
06 USING WITH A SMARTPHONE

Making and Answering Calls

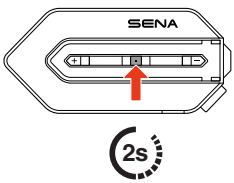
Answer a Call



End a Call



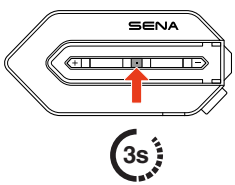
Reject a Call



Siri or Google Assistant

Say “Hey Siri”, “Hey Google”, or press the center button for 3 seconds to activate Siri or Google Assistant.

"Hey Google" or "Hey Siri" or



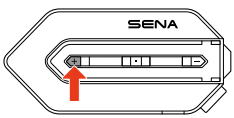
Speed Dial

Assign Speed Dial Presets

Speed dial presets can be assigned using the Sena Motorcycles app.

Use Speed Dial Presets

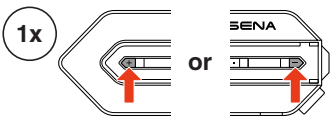
1. Enter the speed dial menu.





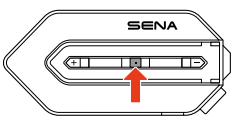
"Speed dial"

2. Navigate forward or backward through speed dial preset.



① Last number redial
② Speed dial (1→2→3)
③ Cancel

3. Tap the center button to confirm.

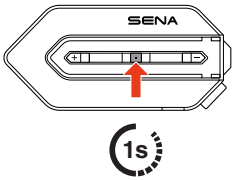




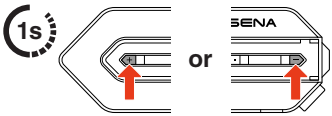
"Speed dial(#)"

Music

Play/Pause Music



Track Forward/Backward

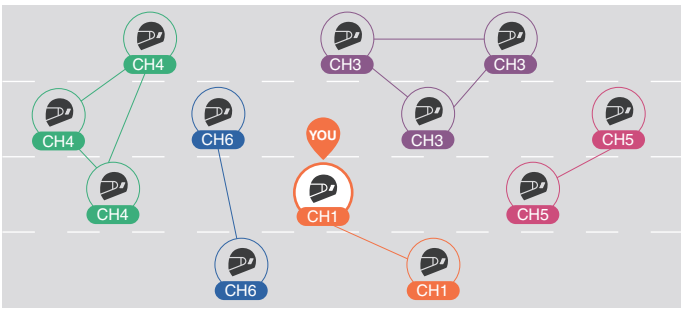


07 MESH INTERCOM

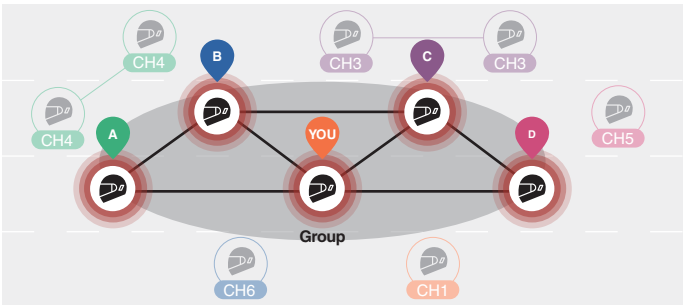
The R35 provides two Mesh Intercom modes:

- Open Mesh™ for open group intercom conversations.
- Group Mesh™ for private group intercom conversations.

Open Mesh



Group Mesh



Mesh Version Switch

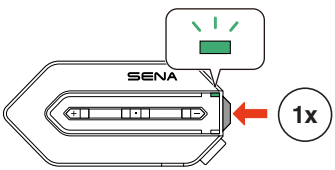
Switch to Mesh 2.0 for Backward Compatibility

Mesh 3.0 is the latest Mesh Intercom technology, but to communicate with legacy products using Mesh 2.0, please switch to Mesh 2.0 using the Sena Motorcycles app.

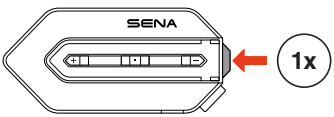
Open Mesh

You can freely communicate with virtually unlimited users in each of the 6 available channels. The default Mesh Intercom channel is 1.

Mesh Intercom On/Off



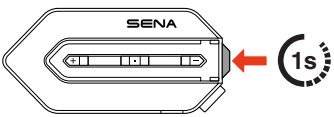
On: "Mesh intercom on, Open Mesh, channel 1"



Off: "Mesh intercom off"

Mute/Unmute Mic

Press the Mesh Intercom button for 1 second to mute/unmute the microphone during Mesh Intercom communication.

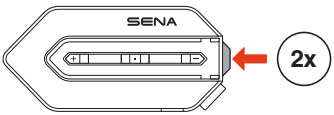


Mute: "Mic off"

Unmute: "Mic on"

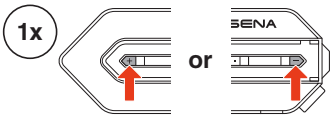
Channel Selection

1. Enter the channel setting.



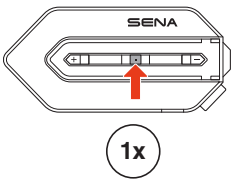
"Channel setting, 1"

2. Navigate between channels.



"#"

3. Confirm and save the channel.



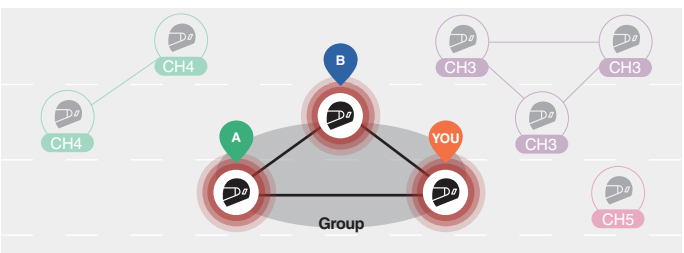
"Channel is set, channel #"

- The channel will be automatically saved if no buttons are pressed for 10 seconds on a specific channel.
- The channel will be saved even if the R35 is turned off.

Group Mesh

By using group mesh, a private conversation group can be created for up to 24 participants.

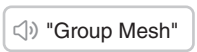
Create a Group Mesh



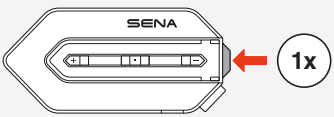
1. Users (You, A, and B) enter the mesh grouping by pressing the Mesh Intercom button for 5 seconds while staying in the open mesh. They don't need to be on the same open mesh channel to create a group mesh together.



2. When mesh grouping is completed, it automatically switches from open mesh to group mesh.



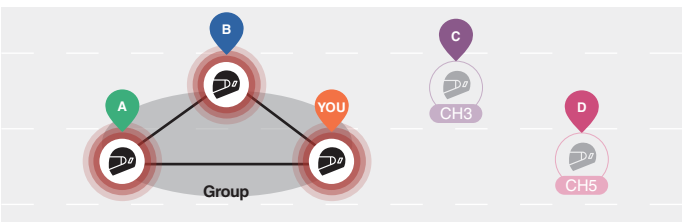
- If you want to cancel mesh grouping, tap the Mesh Intercom button.



- If the mesh grouping is not successfully completed within 30 seconds, users will hear a voice prompt saying, “Grouping failed.”

Join an Existing Group Mesh

While you are in a group mesh, you can invite other users in open mesh to join the group.



You are already in group mesh with A and B, and the other users, C and D, are in open mesh.

1. You and the other users, C and D, enter mesh grouping by pressing the Mesh Intercom button for 5 seconds.



2. When mesh grouping is completed, the other users, C and D, automatically join the group mesh while leaving the open mesh.

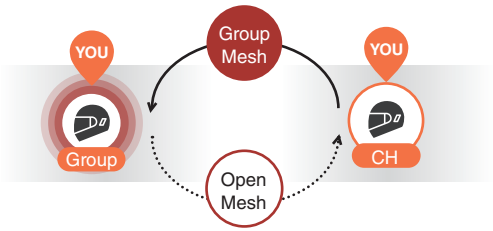
"Group Mesh"

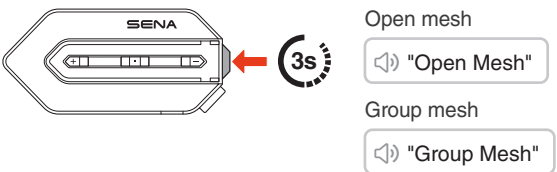
New participants (C and D)

- If the mesh grouping is not successfully completed within 30 seconds, the current user (You) will hear a low tone double beep and the new users (C and D) will hear a voice prompt saying, “Grouping failed.”

Toggle Open/Group Mesh

You can toggle between open mesh and group mesh without resetting the mesh.

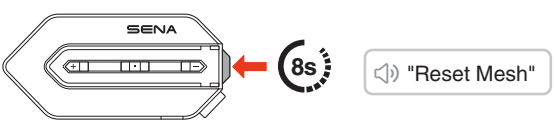




- If you have never participated in group mesh, you cannot toggle between open mesh and group mesh. You will hear a voice prompt saying, “No group available.”

Reset Mesh

If the R35 resets the mesh while in open mesh or group mesh, it will automatically return to open mesh, channel 1.



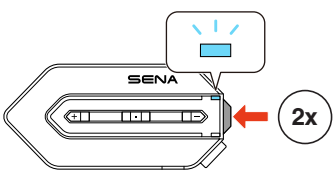
08 WAVE INTERCOM

Wave Intercom enables open communication using cellular data. For detailed information, please refer to the Wave Intercom User Guide on sena.com.

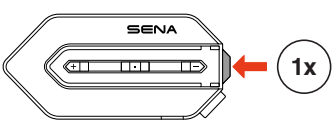
Wave Intercom On/Off

Open the WAVE Intercom app, then double-tap the Mesh Intercom button to join Wave Intercom.

- You must open the app before starting Wave Intercom.



On: "Wave Intercom on"



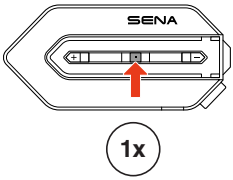
Off: "Wave Intercom off"

When you start Wave Intercom, you will automatically connect with users in the Wave Zone. The Wave Zone covers a 1-mile radius in North America and a 1.6-km radius in Europe.

To end Wave Intercom, single-tap the Mesh Intercom button.

Switch between Wave Intercom and Mesh Intercom

You can easily switch between Mesh Intercom and Wave Intercom with a single tap on the center button.



1x

Wave to Mesh: "Wave Intercom off. Mesh Intercom on."

Mesh to Wave: "Mesh Intercom off. Wave Intercom on."

09 AUDIO MULTITASKING

Audio multitasking on the R35 allows you to listen to music and GPS turn-by-turn instructions while having a Mesh Intercom conversation.

For more details, go to Device Settings on the Sena Motorcycles app to configure the settings.

Background Volume

Background audio, such as music playback, will automatically lower in volume during an active intercom conversation. You can adjust the volume reduction percentage in the app under ‘Background Volume’.

10 VOICE COMMAND

The R35 offers English, Chinese, Korean and Japanese voice commands. A complete list of available voice commands is provided in the Sena Motorcycles app.

To activate voice commands, simply say, “Hey Sena.”

"Hey Sena"

Voice Command List

“Answer”
“Ignore”
“Hey Sena, Check Battery”
“Hey Sena, Volume Up”
“Hey Sena, Volume Down”
“Hey Sena, Phone Pairing”
“Hey Sena, Redial Number”
“Hey Sena, End Call”
“Hey Sena, Play Music”
“Hey Sena, Stop Music”
“Hey Sena, Previous Track”
“Hey Sena, Next Track”
“Hey Sena, Mesh Intercom On”
“Hey Sena, Mesh Intercom Off”
“Hey Sena, Wave Intercom On”
“Hey Sena, Wave Intercom Off”

11 FIRMWARE UPDATE

Over-the-Air (OTA) Update

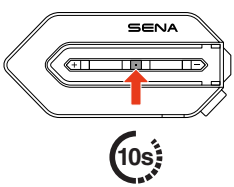
You can update the firmware via Over-the-Air (OTA) directly from the settings in the Sena Motorcycles app.

12 TROUBLESHOOTING

Factory Reset

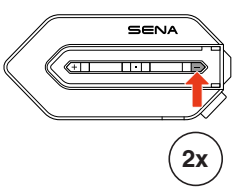
To restore the R35 to its factory default settings, simply use the factory reset feature.

1.



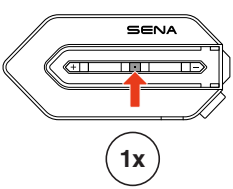
"Configuration menu"

2.



"Factory reset"

3.



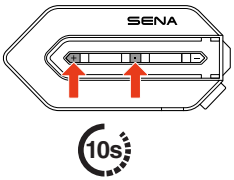
"Headset reset, good-bye"

Fault Reset

If the R35 is on but not responding, you can perform a fault reset to restore normal functionality.

Ensure the USB-C charging cable is disconnected, then press the center button and (+) button simultaneously for 10 seconds.

All settings will remain unchanged.



SENA

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