SENA

USER GUIDE

Firmware Version: 1.2.x
Last updated on Jan 16, 2025

S1

SMART ROAD CYCLING HELMET

The firmware version 1.2.x indicates that this manual is applicable to all firmware updates within the version 1.2 series.

QUICK REFERENCE

➕ : (+) button   ⊖ : (−) button
🅛 : Taillight button   Ⓜ : Multi-function button

Type	Operation	Button	Duration
Basic operations	Power on	Ⓜ & ➕	Press for 1 second
	Power off	Ⓜ & ➕	Single tap
	Volume up/down	➕ or ⊖	Single tap
	Taillight on/off	🅛	Single tap
Phone	Phone pairing	Ⓜ	Press for 5 seconds
	Answer phone call	Ⓜ	Single tap
	End phone call	Ⓜ	Press for 2 seconds
	Reject phone call	Ⓜ	Press for 2 seconds
	Activate voice assistant	Ⓜ	Press for 3 seconds
	Speed dial	➕	Press for 3 seconds
	Play/Pause music	Ⓜ	Press for 1 second
	Track forward/back	➕ or ⊖	Press for 1 second
Mesh Intercom™	Mesh Intercom on/off	Ⓜ	Single tap
	Mute/Unmute mic	Ⓜ	Press for 1 second
	Channel selection	Ⓜ	Double tap
Factory reset		Ⓜ	Press for 10 seconds

BEFORE GETTING STARTED

❚ Sena Cycling App

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

CLICK
ANY SECTION TO BEGIN

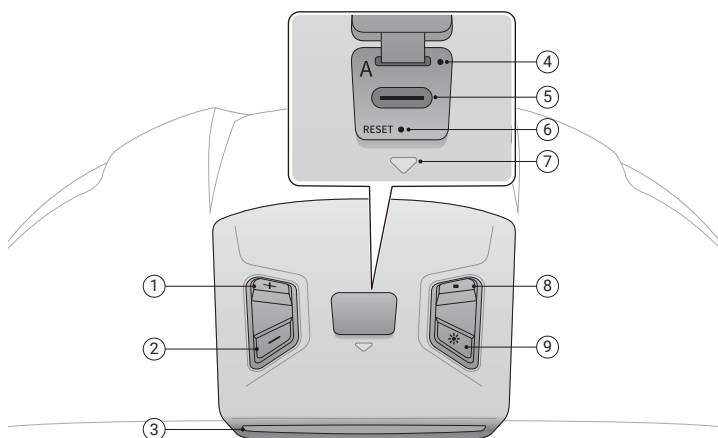|		
ABOUT THE S1 >	BASIC OPERATION >	MESH INTERCOM >
USING WITH A SMARTPHONE >	FIRMWARE UPDATE >	TROUBLESHOOTING >

01 ABOUT THE S1

Key Features

- Mesh Intercom 3.0 - delivers improved sound quality, a more robust connection, and extended talk time
- LED taillight
- Advanced Noise Control™
- Bluetooth® version 5.2
- Over-the-Air (OTA) firmware update

① (+) button	
② (–) button	
③ Taillight	
④ Charging LED	
⑤ USB-C charging port	
⑥ Reset pinhole	
⑦ Status LED	
⑧ Multi-function button	
⑨ Taillight button	

▍ Package Contents
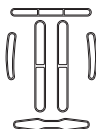
S1	Extra thin inner liner	USB-C charging cable
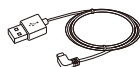
02 BASIC OPERATION

|	
1x	Tap Tap the button the specified number of times
1s	Press and Hold Press and hold the button for the specified amount of time
⊲)) " "	Voice Prompt
	LED

▌ **Charging**

Charging port
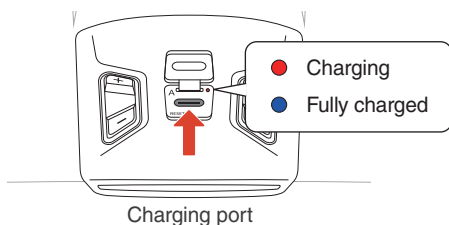
It takes 2.5 hours to fully charge.

- The S1 automatically powers off during charging for safety reasons.
- 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
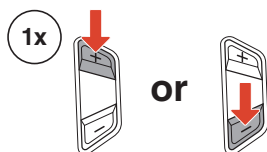

Power Off

Volume

or

Taillight On/Off

🔊 **On**: "Lights On"
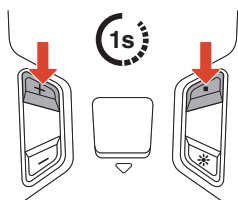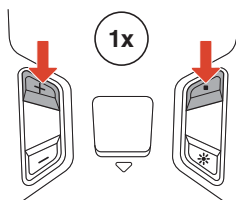
🔊 **Off**: "Lights Off"

The taillight can be customized through the Sena Cycling app. The brake light activates automatically when braking is detected.
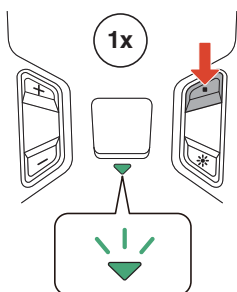
03 MESH INTERCOM

By turning on the Mesh Intercom, it automatically connects to nearby Mesh Intercom users on the same channel.
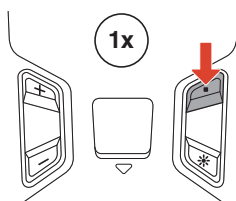
▌ Switch to Mesh 2.0 for Backward Compatibility

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 Cycling app.
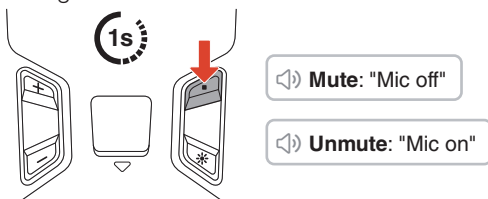
▌ Mesh Intercom On/Off

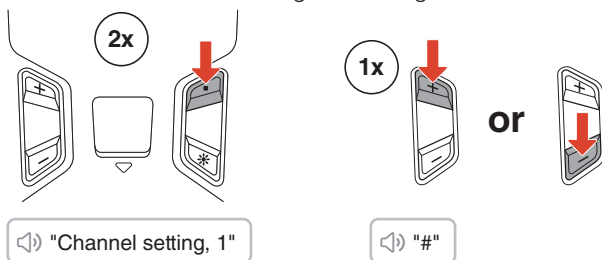◁» **On**: "Mesh intercom on, channel 1"

◁» **Off**: "Mesh intercom off"

▌ Mute/Unmute Mic

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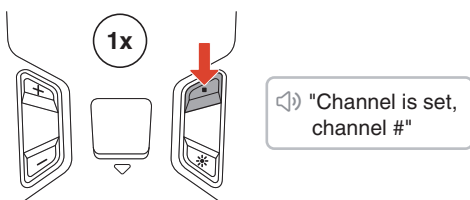

◁ᴐ **Mute**: "Mic off"

◁ᴐ **Unmute**: "Mic on"

▌ Channel Selection

1. Enter into the channel setting.

◁ᴐ "Channel setting, 1"

2. Navigate between channels.

◁ᴐ "#"

3. Confirm and save the channel.

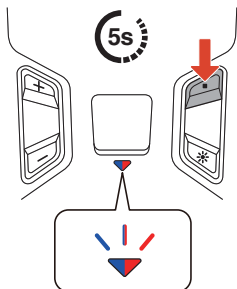◁ᴐ "Channel is set, channel #"

- 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 S1 is turned off.
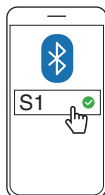
04 USING WITH A SMARTPHONE

Phone Pairing
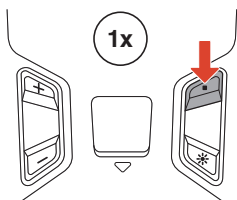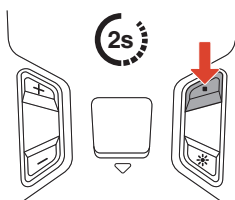
1.

🔊 "Phone pairing"

2.

- When you turn on the S1 for the first time or reboot it after a factory reset, the S1 will automatically enter phone pairing mode.
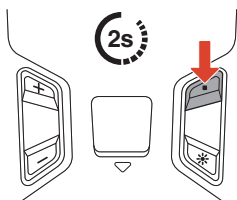- To cancel phone pairing, press any button.

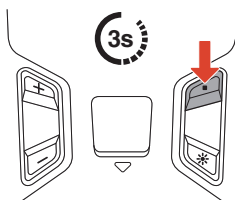## Making and Answering Calls

❙ Answer a Call

❙ End a Call

▌ Reject a Call
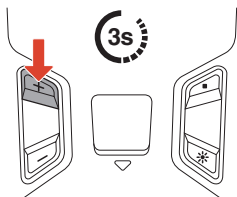

▌ Activate Voice Assistant

Speed Dial

▌ Assign Speed Dial Presets

Speed dial presets can be assigned using the Sena Cycling app.
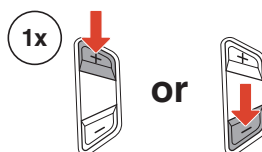
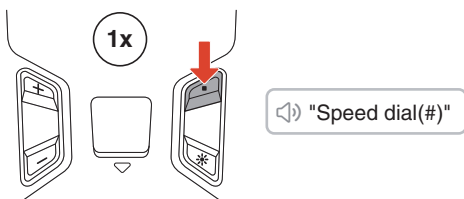**▌ Use Speed Dial Presets**

1. Enter into the speed dial menu.

◁» "Speed dial"

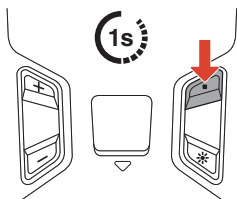2. Navigate forward or backward through speed dial preset.

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

3. Tap the multi-function button to confirm.

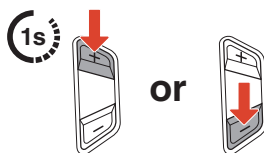**1x**

🔊 "Speed dial(#)"

Music

❙ Play/Pause Music
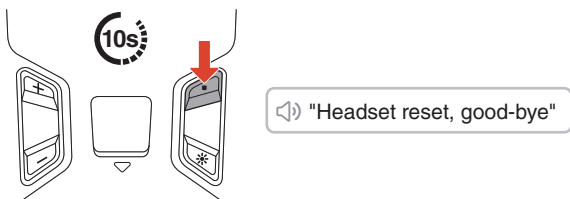
1s

❙ Track Forward/Backward

1s

or

05 FIRMWARE UPDATE

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

06 TROUBLESHOOTING

▌ Factory Reset

To restore the S1 to its factory default settings, simply use the factory reset feature.

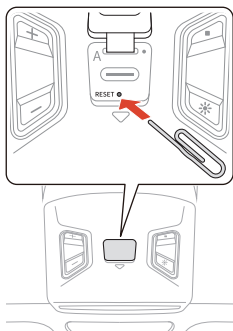◁⟩ "Headset reset, good-bye"

▌ Fault Reset

If the S1 is on but not responding, you can perform a fault reset to restore normal functionality.

Use a clip to press the reset pinhole under the USB-C charging port.

All settings will remain unchanged.

SENA