

# 50R

## LOW PROFILE MESH 2.0 INTERCOM SYSTEM



MSRP: \$339.00  
Part Number: 50R-01



### Mesh 2.0 Intercom

#### REDEFINED COMMUNICATION NETWORK

Mesh 2.0 brings a host of new features and significant improvements to the original Mesh algorithm. It delivers robust, reliable connections and intelligent routing management to an adaptive and autonomous network. Overall, riders enjoy an intercom system with boosted sound quality and stable communication.

#### KEY MESH 2.0 FEATURES:

- ✓ **Robust, reliable connections**
- ✓ **Superior intercom audio quality**
- ✓ **Open Mesh Intercom features 9 comm channels, with a near-limitless number of users**
- ✓ **Group Mesh Intercom supports up to 24 nearby participants in a private session**
- ✓ **Communicate with other riders within a range of up to 5 mi / 8 km**  
\*min. 6 riders at 1 mi / 1.6 km intervals

Learn more at  
[Sena.com/product/50r](https://Sena.com/product/50r)

### FEATURE LIST & DESCRIPTION

- Three Intercom Modes** Multi-Channel Open Mesh Intercom features 9 channels, and allows any number of users, within range, to easily communicate. Group Mesh Intercom supports up to 24 riders in a private group. Bluetooth Intercom allows up to 4 participants.
- Premium HD Speakers** Optimized audio with boosted volume, bass, and clarity. Redesigned speakers have a beveled taper for a comfortable fit.
- WiFi Connectivity** The included WiFi Adapter both charges and automatically installs firmware updates. The adapter can be programmed to download the latest firmware via WiFi.
- Rapid Charge** The 50R has an all-new battery with a 30% faster charge time. The device is charged in an hour, but a 20-minute charge provides 3.5 hours of Mesh Intercom™ or six hours of Bluetooth Intercom.
- Digital Assistant Access** “Hey Siri / Hey Google” voice commands are recognized, allowing you to tap into your smartphone’s features while riding.



#### Bluetooth 5

The device pairs to a smartphone to access features on the go



#### Multi-Language Voice Commands

Supports 8 languages: EN, FR, DE, ES, IT, CN, JP, RU



#### One-Click-to-Connect

With one button press, join a limitless number of riders in Open Mesh Intercom



#### Smartphone App

The 50 Utility App allows control of the 50R's functions and includes audio equalizer presets

**SENA**  
#RIDECONNECTED

@SenaBluetooth



## BASIC OPERATIONS

**Power on**  
Press and Hold for 1 second



**Power off**  
1-Click



**Volume up**  
1-Click



**Volume down**  
1-Click



## MOBILE PHONE

**Pair to mobile phone**

Device is powered off; Press and Hold for 3 seconds



**Answer phone call**

1-Click



**End phone call**

Press and Hold for 2 seconds



**Reject phone call**

Press and Hold for 2 seconds



## MUSIC

**Play/Pause music**

Press and Hold for 1 second



**Track forward**

Press and Hold for 1 second



**Track backward**

Press and Hold for 1 second



## INTERCOM

**Open Mesh On/Off**

1-Click



**Enter Channel Selection**

2-Click



**Navigate Channels**

1-Click



**Confirm Channel**

1-Click



**Create Group Mesh**

Press and Hold for 5 seconds



**Join Existing Group Mesh**

Press and Hold for 5 seconds



**Reset Mesh**

Press and Hold for 8 seconds



**Enable/Disable Microphone**

Press and Hold for 1 second



**Note:**

- This action enters Mesh Grouping mode
- Creating a Group Mesh requires a minimum of two Open Mesh users
- Each Open Mesh user must perform the above action within 30 seconds of each other to create the Group Mesh

**Note:**

- This action enters Mesh Grouping mode
- Joining an existing Group Mesh requires one current Group Mesh user and at least one Open Mesh user
- A current Group Mesh user must perform the above action to allow an Open Mesh user to join
- An Open Mesh user must perform the above action while in any Open Mesh channel within 30 seconds of the Group Mesh member allowing another user to join

**Toggle Open Mesh/Group Mesh**

Press and Hold for 3 seconds

