



USER GUIDE

Firmware Version: 1.5.x

Last updated on May 12, 2026


BiKom 20


CYCLING COMMUNICATION SYSTEM


























The firmware version 1.5.x indicates that this manual is applicable to all firmware updates within the version 1.5 series.

QUICK REFERENCE

 : (+) button

 : (-) button

 : Center button

Type	Operation	Button	Duration
Basic operations	Power on	 & 	Press for 1 second
	Power off	 & 	Single tap
	Volume up/down	 or 	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
	Channel selection		Double tap
	Mesh grouping		Press for 5 seconds
	Reset mesh		Press for 8 seconds
Troubleshooting	Factory reset	 → 	Press for 10 seconds, then double tap
	Fault reset	 & 	Press for 8 seconds

BEFORE GETTING STARTED

I Sena Cycling App

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



CLICK ANY SECTION TO BEGIN



ABOUT THE BiKom 20



INSTALLATION



BASIC OPERATION



MESH INTERCOM



USING WITH A
SMARTPHONE



AUDIBLE BICYCLE
COMPUTER



FIRMWARE UPDATE



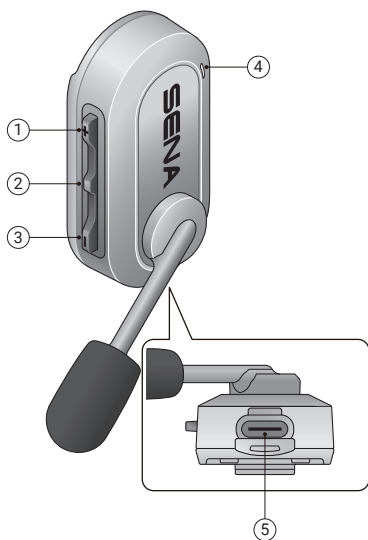
TROUBLESHOOTING



01 ABOUT THE BiKom 20

Key Features

- Mesh Intercom 3.0 with improved sound quality, a more robust connection, and extended talk time
- Swivel microphone for easy mute/unmute
- Bluetooth® version 5.2
- Real-time voice notifications on riding status
- Over-the-Air (OTA) firmware update



① (+) button

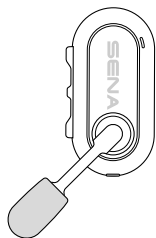
② Center button

③ (-) button

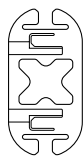
④ Status & charging LED

⑤ USB-C charging port

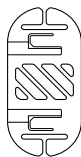
Package Contents



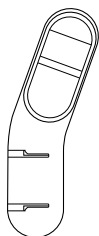
BiKom 20



Strap mount
for thick helmet strap



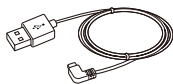
Strap mount
for thin helmet strap



Clip mount for caps



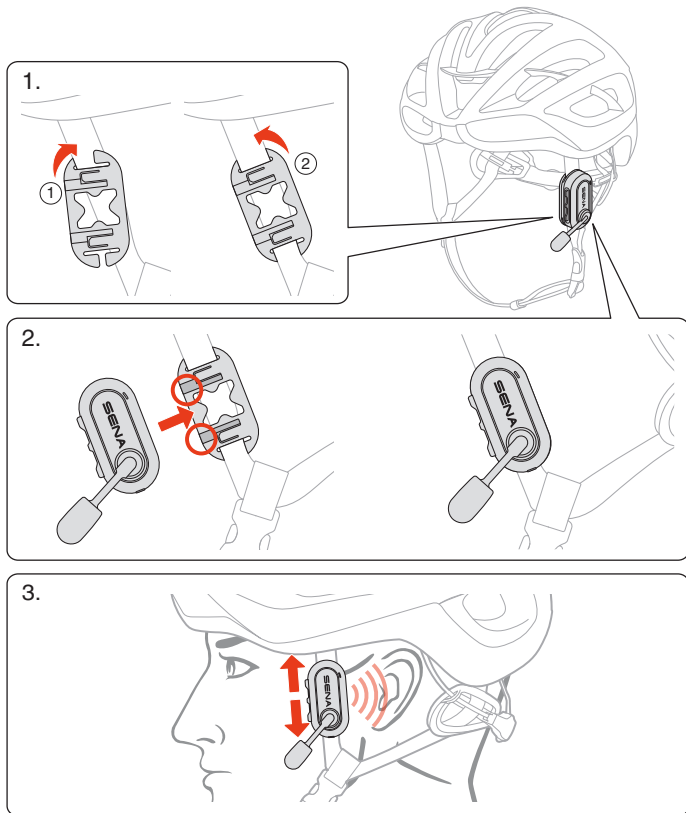
Microphone sponges



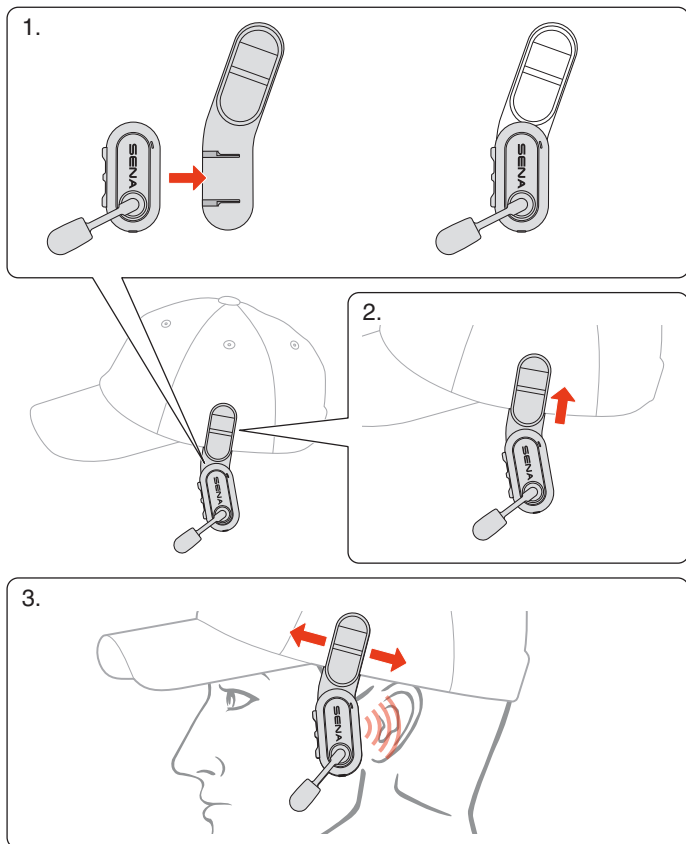
USB-C charging cable

02 INSTALLATION





Strap Mount



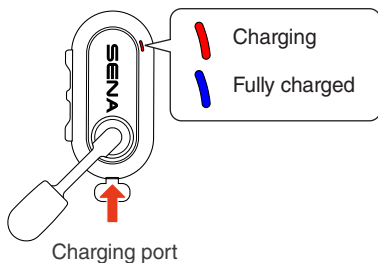
Clip Mount for Caps



03 BASIC OPERATION

	<p>Tap Tap the button the specified number of times</p>
	<p>Press and Hold Press and hold the button for the specified amount of time</p>
	<p>Voice Prompt</p>
	<p>LED</p>

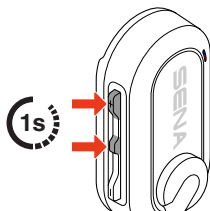
Charging



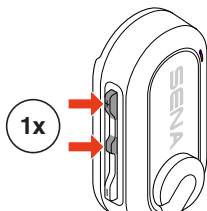
It takes 2.5 hours to fully charge.

- 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

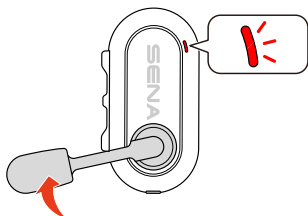


Power Off

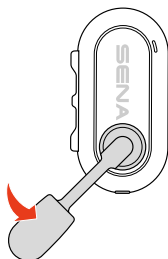


Mute/Unmute Mic

Use the swivel microphone arm to mute/unmute the microphone.

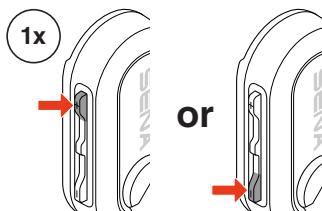


Mute: "Mic off"



Unmute: "Mic on"

Volume

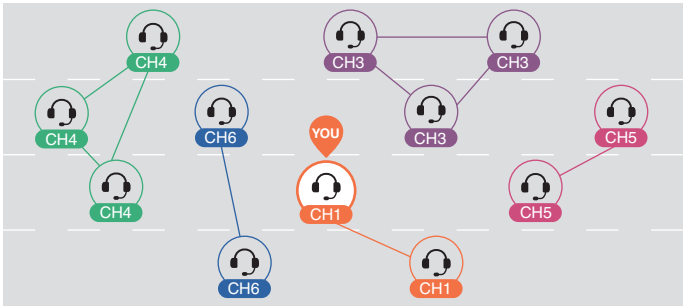


04 MESH INTERCOM

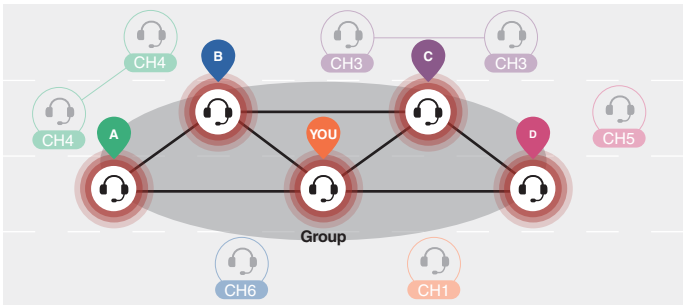
The BiKom 20 provides two Mesh Intercom modes:

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

Open Mesh



Group Mesh



Mesh Version Switch

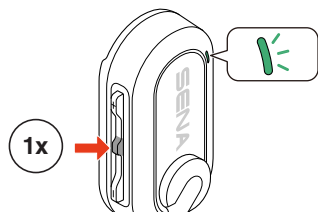
Switch to Mesh 2.0 for Backward Compatibility

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 Cycling app.

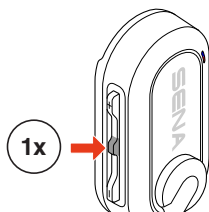
Open Mesh

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



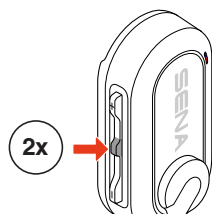
On: "Mesh Intercom on,
Open Mesh, channel 1"



Off: "Mesh intercom off"

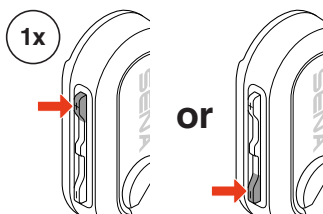
Channel Selection

1. Enter the channel setting.



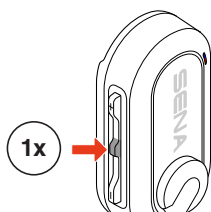
"Channel setting, 1"

2. Navigate between channels.



"#"

3. Confirm and save the channel.



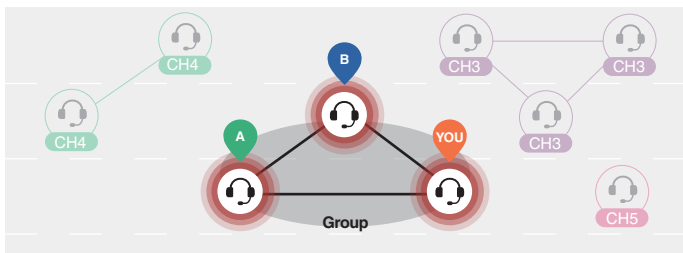
"Channel is set,
channel #"

- 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 BiKom 20 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



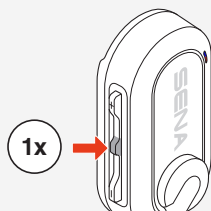
1. Users (You, A, and B) enter the mesh grouping by pressing the center button for 5 seconds while staying in the open mesh. They don't need to be on the same open mesh channel to create a group mesh together.



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

"Group Mesh"

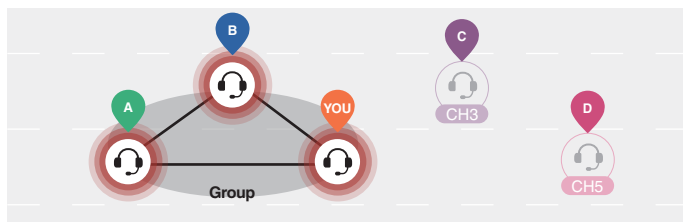
- If you want to cancel mesh grouping, tap the center button.



- 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

When 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 center 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.

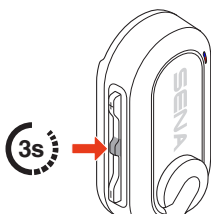
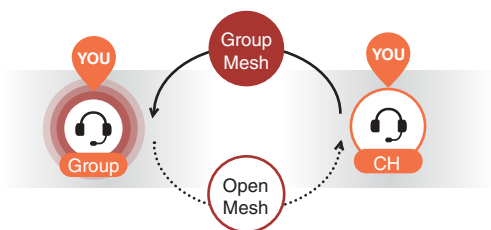
🔊 "Group Mesh"

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.



Open mesh

🔊 "Open Mesh"

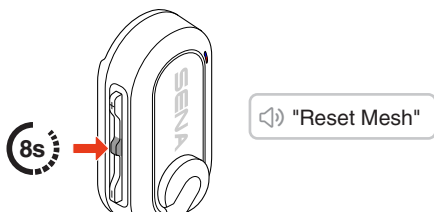
Group mesh

🔊 "Group 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."

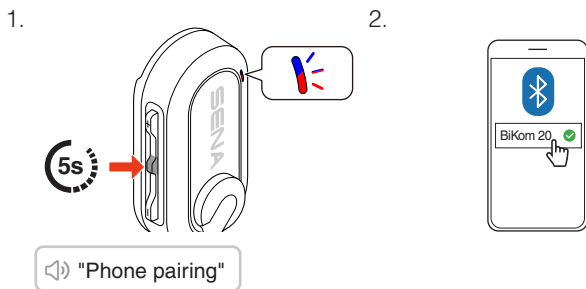
Reset Mesh

If the BiKom 20 resets the mesh while in open mesh or group mesh, it will automatically return to open mesh, channel 1.



05 USING WITH A SMARTPHONE

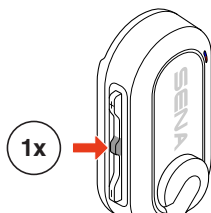
Phone Pairing



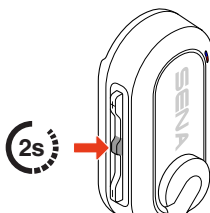
- To cancel phone pairing, press any button.

Making and Answering Calls

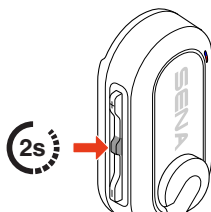
Answer a Call



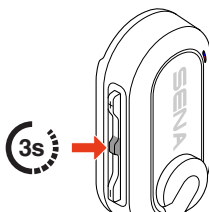
End a Call



Reject a Call



Activate Voice Assistant



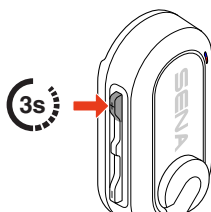
Speed Dial

Assign Speed Dial Presets

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

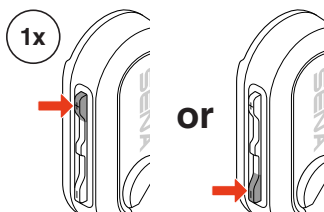
Use Speed Dial Presets

1. Enter the speed dial menu.



"Speed dial"

2. Navigate forward or backward through speed dial preset.



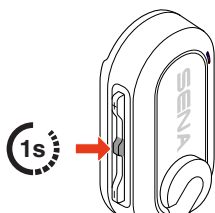
- ① Last number redial
- ② Speed dial (1→2→3)
- ③ Cancel

3. Tap the center button to confirm.

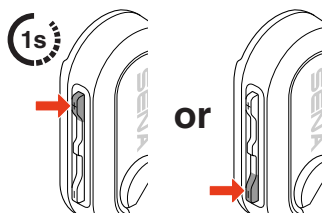


Music

Play/Pause Music



Track Forward/Backward



06 AUDIBLE BICYCLE COMPUTER

The Audible Bicycle Computer (ABC) of the BiKom 20 connects to cycling sensors and provides real-time voice notifications about your ride.

- Check local laws and regulations before use.
- Using this function while riding may pose safety risks. Stay alert and ride with caution.
- Use this function at your own risk and responsibility.

Pairing BiKom 20 with Cycling Sensors

To use the ABC feature, pair the BiKom 20 with your cycling sensor and open the Sena Cycling app.

ABC supports five types of cycling sensors.

				
Speed	Cadence	Heart rate	Power	Shimano Di2

- For detailed instructions, refer to the guide for your cycling sensors.

Audio Settings

Customize the audio settings in the Sena Cycling app.

| Auto Prompt

Listen to real-time sensor data at set intervals. Available for all sensors except Shimano Di2.

| Range Alert

Set the minimum and maximum values of your target range or adjust the frequency of audio feedback. Audio feedback is provided when you're outside the set range. Available for all sensors except Shimano Di2.

| Gear Alert

Get real-time audio feedback when shifting gears. Select the derailleur and choose whether to hear gear position or gear number. Available for Shimano Di2 sensor only.

Using Presets

Save up to three presets in the Sena Cycling app. Each preset supports up to five cycling sensors. Customize names, duplicate presets, or edit them as needed.

Low Battery Alert

When the cycling sensor's battery level drops below 10 percent, a voice prompt will notify you.

07 FIRMWARE UPDATE

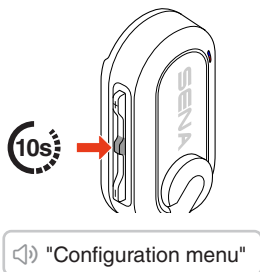
You can update the firmware via Over-the-Air (OTA) directly from the settings in the Sena Cycling app.

08 TROUBLESHOOTING

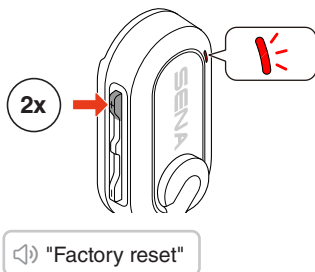
Factory Reset

To restore the BiKom 20 to its factory default settings, simply use the factory reset feature.

1.



2.



3.

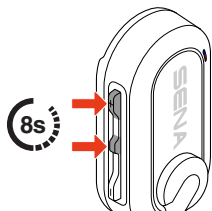


Fault Reset

If the BiKom 20 is on but unresponsive, you can perform a fault reset to restore functionality.

Ensure the USB-C charging cable is disconnected, then press and hold the (+) and center button simultaneously for 8 seconds until it restarts.

All settings will remain unchanged.





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