

USER GUIDE

ENGLISH / Version 1.0.1

n-com
by **SENA**

MESH

NOLAN

QUICK REFERENCE

 : (+) button

 : Mesh Intercom 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
	Mute/unmute mic		Press for 1 second
	Channel selection		Double tap
	Mesh grouping		Press for 5 seconds
	Mesh Reach-Out request		Triple tap
	Reset mesh		Press for 8 seconds
Wave Intercom™	Wave Intercom on		Double tap
	Wave Intercom off		Single tap
	Switch to Mesh Intercom		Single tap
Configuration menu			Press for 10 seconds

BEFORE GETTING STARTED

■ N-Com Easyset

Download the N-Com Easyset 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.

■ N-Com Easyset Device Manager

Download the N-Com Easyset Device Manager from www.nolan-helmets.com/n-com.

INSTALLATION ON THE HELMET

To learn how to correctly install the intercom on your helmet, scan the QR code or visit the link below to access the dedicated video tutorials.



https://nolan-helmets.com/en_GB/page/n-com-video-guide

On the web page, simply select the correct combination of your N-Com model and helmet to view the right instructions.

CLICK ANY SECTION TO BEGIN



ABOUT THE N-COM
MESH



BASIC OPERATION



PAIRING WITH
BLUETOOTH
DEVICES



USING WITH A
SMARTPHONE



MESH INTERCOM



WAVE
INTERCOM



AUDIO
MULTITASKING



FIRMWARE UPDATE



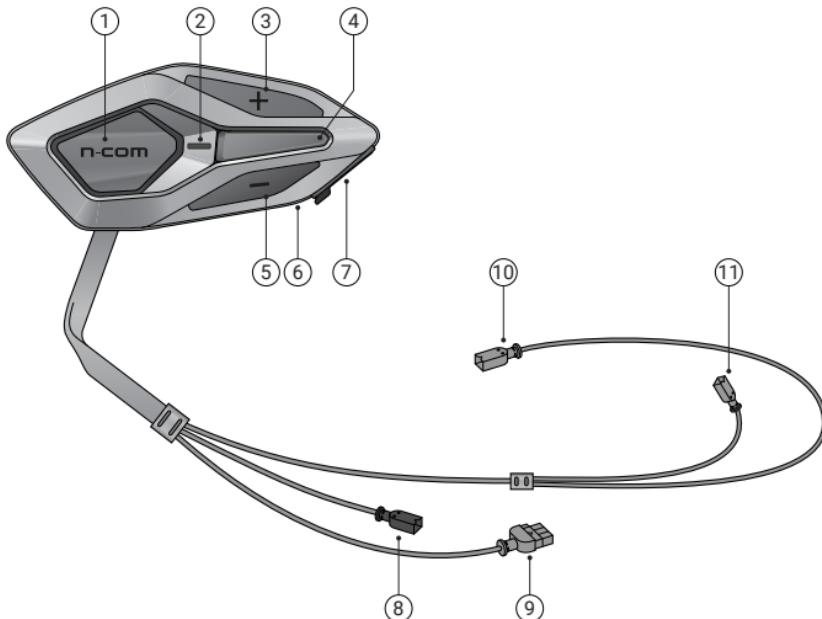
TROUBLESHOOTING



01 ABOUT THE N-COM MESH

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
- Audio Multitasking
- Nolan fit design
- Bluetooth® version 5.2
- Over-the-Air (OTA) firmware update



① Center button

③ (+) button

⑤ (-) button

⑦ USB-C charging port

⑨ Battery connector

⑪ Speaker (R) connector

② Status LED

④ Mesh Intercom button

⑥ Charging LED

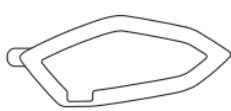
⑧ Wired microphone connector

⑩ Speaker (L) connector

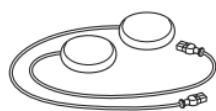
Package Contents



N-Com Mesh



Double sided adhesive tape



Speakers



Velcro pads for speakers



Wired-boom microphone



Wired microphone

Extension cable for
wired-boom microphone

Microphone sponges

Velcro pad for wired-boom
microphoneWired-boom microphone
holderVelcro pad for wired-boom
microphone holder

Battery



Adhesive foam for battery



USB-C charging cable

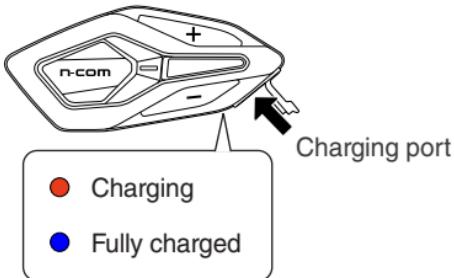


Allen Wrench

02 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
	LED

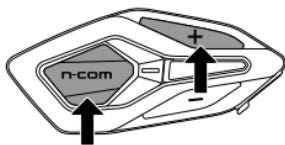
■ Charging



It takes 2.5 hours to fully charge.

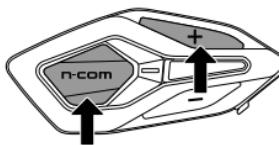
- Any third-party USB charger can be used, as long as it is approved by the FCC, CE, IC, or other locally recognized regulatory agencies.
- Using a non-approved charger may cause fire, explosion, leakage, and other hazards, potentially reducing the battery's lifespan or performance.

■ Power On



1s

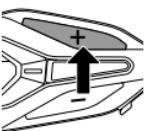
■ Power Off



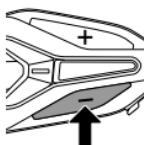
1x

■ Volume

1x

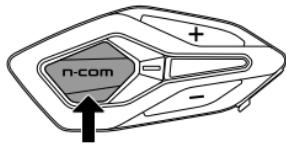


or



■ Configuration

Enter Configuration

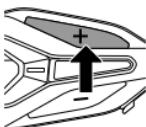


🔊 "Configuration menu"

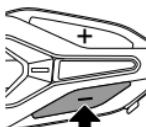
10s

Navigate

1x

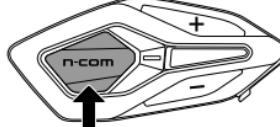


or



Confirm

1x

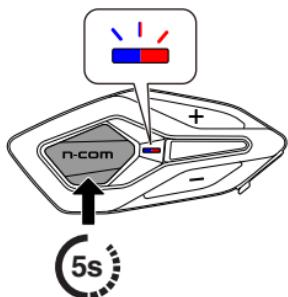


03 PAIRING WITH BLUETOOTH DEVICES

When using the N-Com Mesh with other Bluetooth devices for the first time, they need to be paired. The N-Com Mesh 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.

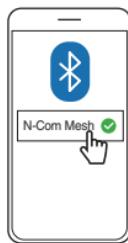
Phone Pairing

1.



🔊 "Phone pairing"

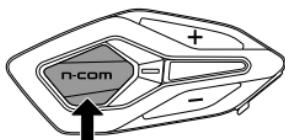
2.



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

Second Mobile Phone Pairing

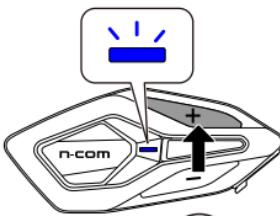
1.



10s

🔊 "Configuration menu"

2.



2x

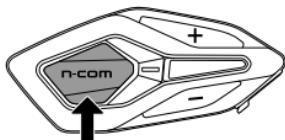
🔊 "Second mobile phone pairing"

3.



GPS Pairing

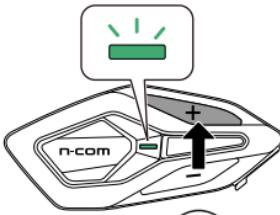
1.



10s

🔊 "Configuration menu"

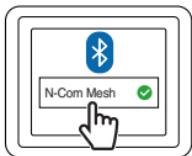
2.



3x

🔊 "GPS pairing"

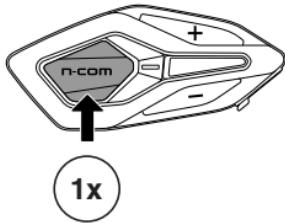
3.



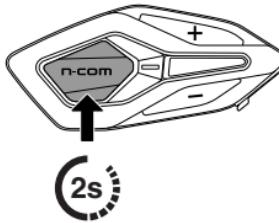
04 USING WITH A SMARTPHONE

Making and Answering Calls

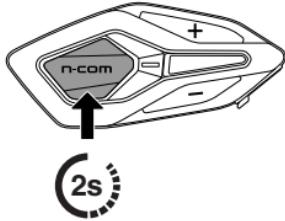
Answer a Call



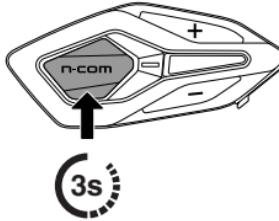
End a Call



Reject a Call



Activate Voice Assistant



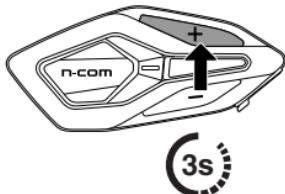
Speed Dial

Assign Speed Dial Presets

Speed dial presets can be assigned using the N-Com Easyset app.

Use Speed Dial Presets

1. Enter the speed dial menu.



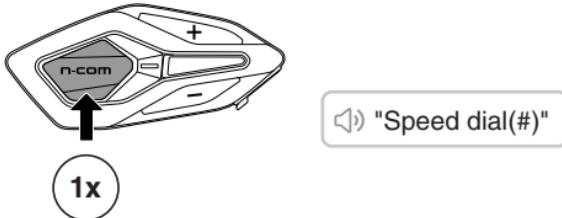
Speaker icon "Speed dial"

2. Navigate forward or backward through speed dial preset.



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

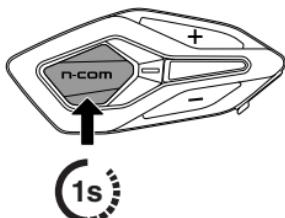
3. Tap the center button to confirm.



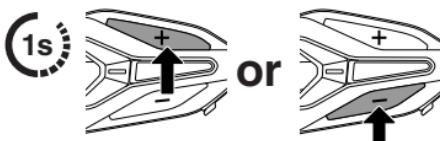
Speaker icon "Speed dial(#)"

Music

Play/Pause Music



Track Forward/Backward

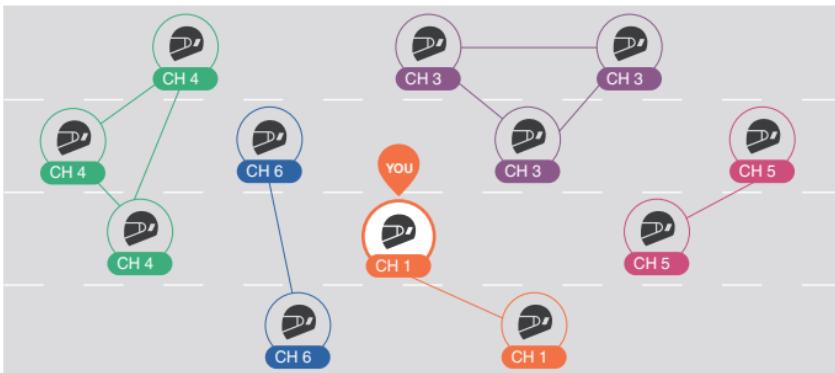


05 MESH INTERCOM

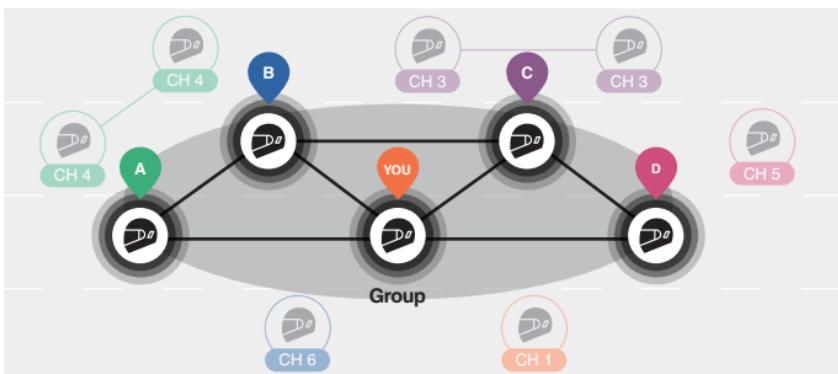
The N-Com Mesh provides two Mesh Intercom modes:

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

Open Mesh



Group Mesh



Mesh Version Switch

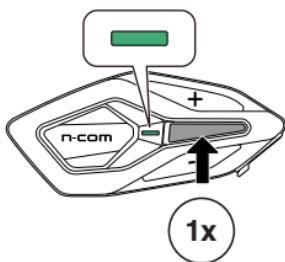
■ Switch to Mesh 2.0 for Backward Compatibility

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 N-Com Easyset app.

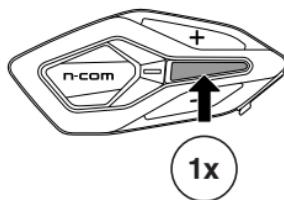
Open Mesh

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



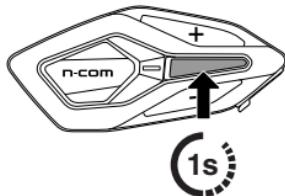
🔊 **On:** "Mesh intercom on, Open Mesh, channel 1"



🔊 **Off:** "Mesh intercom off"

■ Mute/Unmute Mic

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

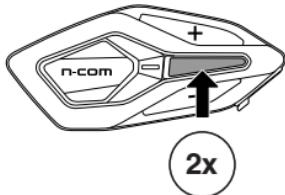


🔊 **Mute: "Mic off"**

🔊 **Unmute: "Mic on"**

■ Channel Selection

1. Enter the channel setting.



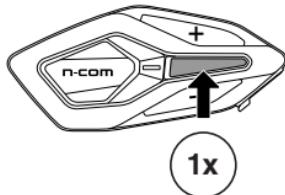
🔊 "Channel setting, 1"

2. Navigate between channels.



🔊 "#"

3. Confirm and save the channel.



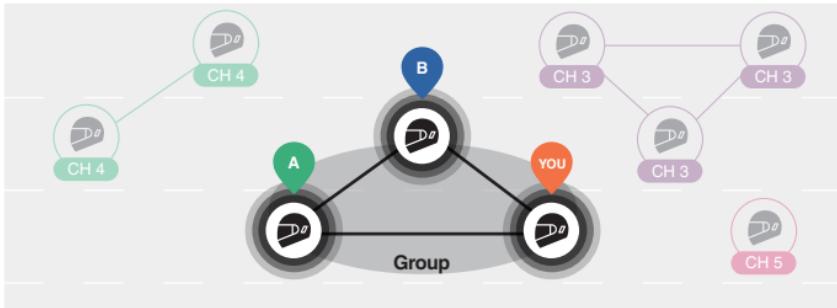
🔊 "Channel is set, channel #"

- 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 N-Com Mesh is turned off.

Group Mesh

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

I Create a Group Mesh



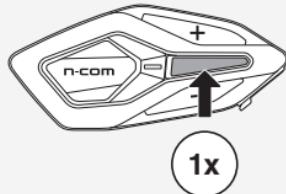
1. Users (You, A, and B) enter the mesh grouping by pressing the Mesh Intercom button for 5 seconds while staying in the open mesh. They don't need to be on the same open mesh channel to create a group mesh together.



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

 "Group Mesh"

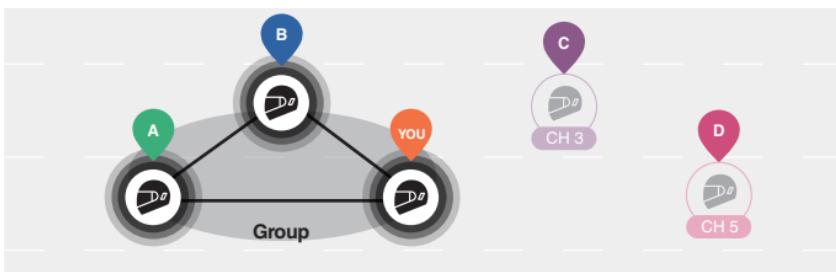
- If you want to cancel mesh grouping, tap the Mesh Intercom button.



- 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.



🔊 "Mesh grouping"

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

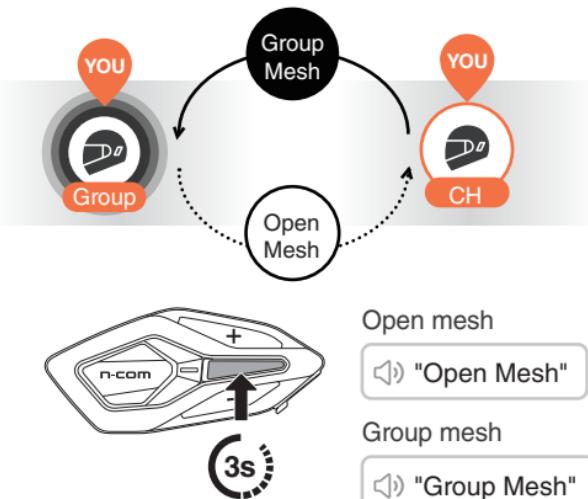
 "Group Mesh"

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.



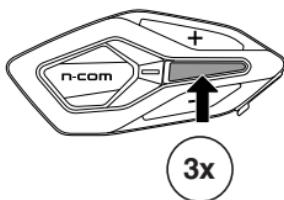
- If you have never participated in group mesh, you cannot toggle between open mesh and group mesh. You will hear a voice prompt saying, "No group available."

■ Mesh Reach-Out Request

You (caller) can send a Mesh Reach-Out request to turn on Mesh Intercom to nearby* friends who have it turned off.

1. If you want to send or receive a Mesh Reach-Out request, you need to enable it in the N-Com Easyset app.
2. You can send a Mesh Reach-Out request using the Mesh Intercom button or the N-Com Easyset app.

Caller



🔊 **Caller:** "Mesh reach-out request"

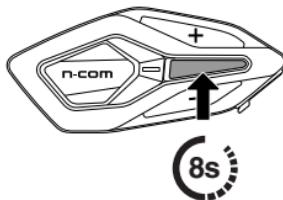
🔊 **Nearby Friends:** "Mesh intercom requested"

3. Friends who receive the Mesh Reach-Out request need to manually turn on their Mesh Intercom.

* Up to 330 ft in open terrain

■ Reset Mesh

If the N-Com Mesh resets the mesh while in open mesh or group mesh, it will automatically return to open mesh, channel 1.



🔊 "Reset Mesh"

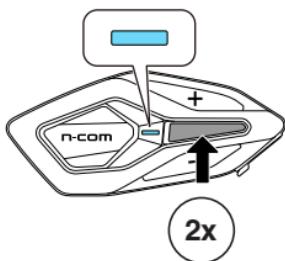
06 WAVE INTERCOM

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

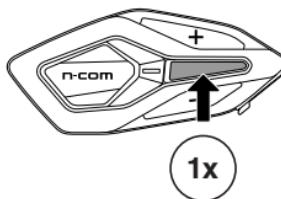
Wave Intercom On/Off

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"



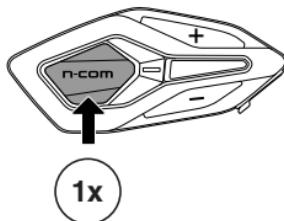
🔊 Off: "Wave Intercom off"

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.



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

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

07 AUDIO MULTITASKING

Audio multitasking on the N-Com Mesh allows you to listen to music while having a Mesh Intercom conversation.

For more details, go to Device Settings on the N-Com Easyset app to configure the settings.

1. Intercom-Audio Overlay Sensitivity

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.

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

2. Audio Overlay Volume Management

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.

08 FIRMWARE UPDATE

■ Over-the-Air (OTA) Update

You can update the firmware via Over-the-Air (OTA) directly from the settings in the N-Com Easyset app.

■ N-Com Easyset Device Manager

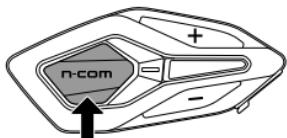
You can upgrade the firmware using the N-Com Easyset Device Manager.

09 TROUBLESHOOTING

Factory Reset

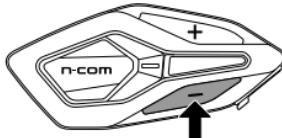
To restore the N-Com Mesh to its factory default settings, simply use the factory reset feature.

1.



10s

2.

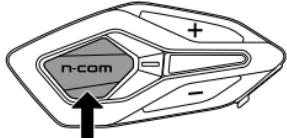


1x

🔊 "Configuration menu"

🔊 "Factory reset"

3.



1x

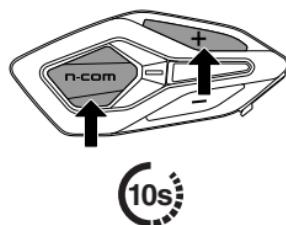
🔊 "Headset reset, good-bye"

Fault Reset

If the N-Com Mesh 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.



10s