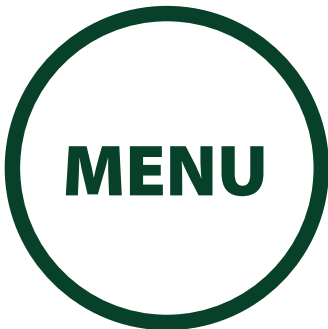# KENWOOD

KCA-HX5M

MOTORCYCLE BLUETOOTH COMMUNICATION SYSTEM
WITH MESH INTERCOM

INSTRUCTION MANUAL

JVCKENWOOD Corporation

- Updated information (the latest Instruction Manual, system updates, new functions, etc.) is available from
<https://www.kenwood.com/cs/ce/>.

MENU

**Take the time to read through this instruction manual.
Familiarity with installation and operation procedures will help you obtain the best performance from your new Communication System.**

For your records

Record the serial number, found on the back of the unit, in the spaces designated on the warranty card, and in the space provided below. Refer to the model and serial numbers whenever you call upon your KENWOOD dealer for information or service on the product.
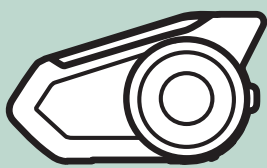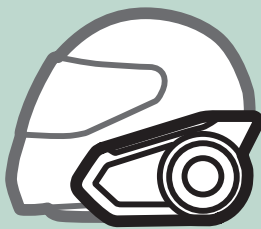Model KCA-HX5M Serial number _____

US Residence Only

Register Online

Register your KENWOOD product at **www.kenwood.com/usa/**
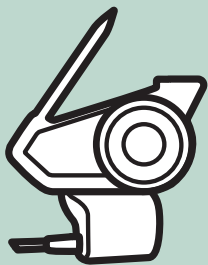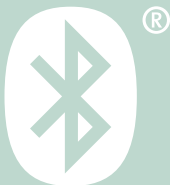
CLICK ANY SECTION TO BEGIN

ABOUT THE HEADSET

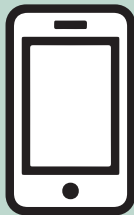INSTALLING THE HEADSET

GETTING STARTED
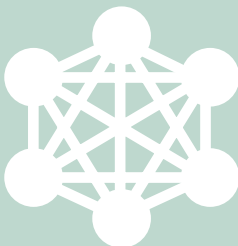
PAIRING WITH DEVICES
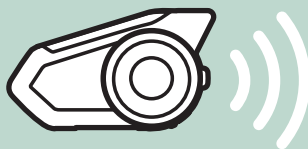
MOBILE PHONE USAGE

STEREO MUSIC

MESH INTERCOM

INTERCOM SETUP

AUDIO MULTITASKING
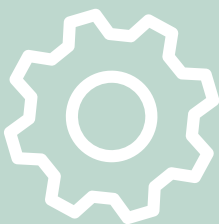
USING THE FM RADIO

AMBIENT MODE

VOICE COMMAND

GENERAL SETTINGS

APPENDIX

LEGEND:

 Tap button/Jog Dial the specified number of times
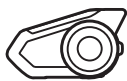
 Press and Hold button/Jog Dial for the specified amount of time

 Rotate Jog Dial clockwise (right) or counterclockwise (left).
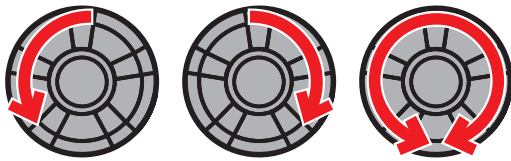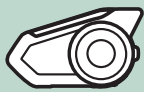
 Rotate while Pressing Jog Dial clockwise (right) or counterclockwise (left).

 "Hello" **Audible prompt** from the headset

TABLE OF CONTENTS

TABLE OF CONTENTS CONTINUED

TABLE OF CONTENTS CONTINUED

TABLE OF CONTENTS CONTINUED

1. ABOUT THE MOTORCYCLE BLUETOOTH COMMUNICATION SYSTEM WITH MESH INTERCOM™

1.1 Product Details

1.1.1 Headset Main Unit
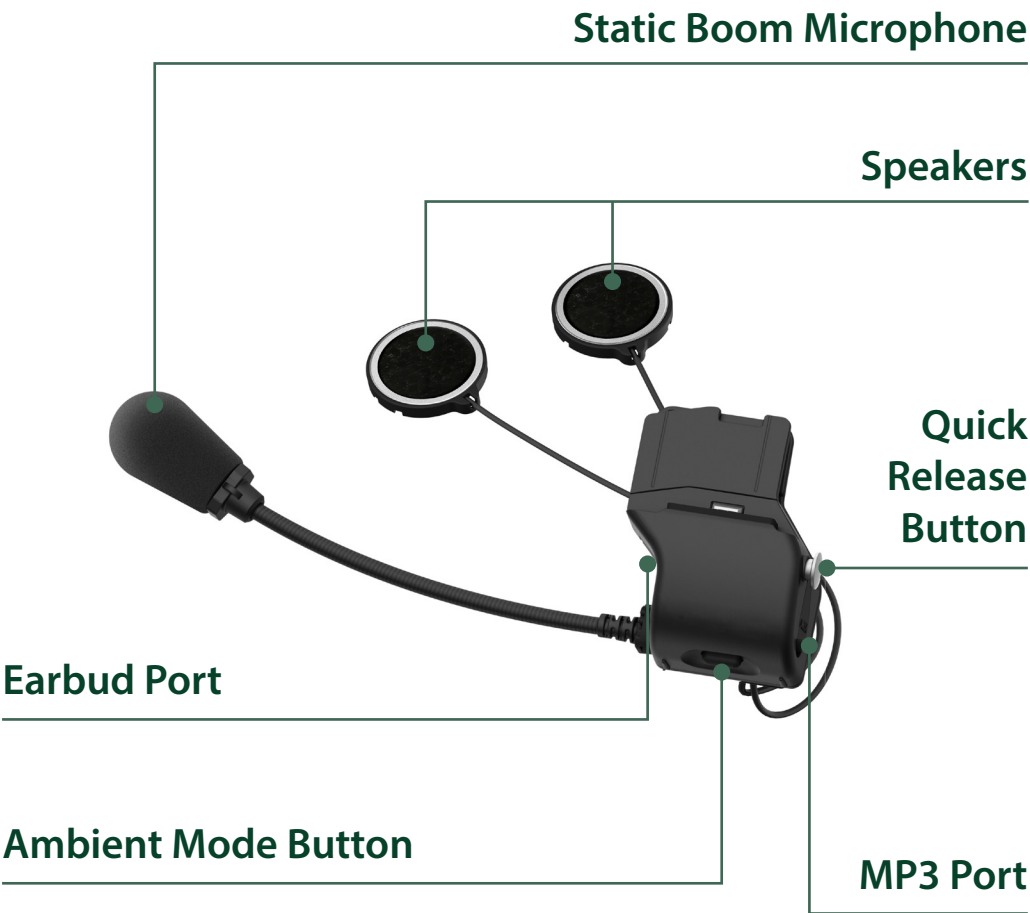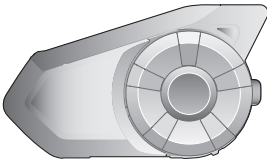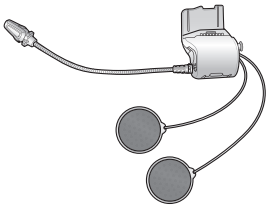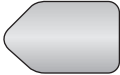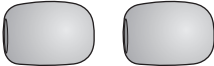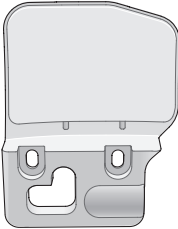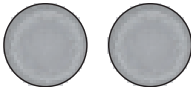
Mesh Intercom Antenna

Mesh Intercom Button

Status LED

Bluetooth Antenna

Phone Button

Jog Dial

1.1.2 Universal Clamp Kit

Static Boom Microphone

Speakers

Quick Release Button

Earbud Port

Ambient Mode Button

MP3 Port

1. ABOUT THE MOTORCYCLE BLUETOOTH COMMUNICATION SYSTEM WITH MESH INTERCOM™

Product Details

Package Contents

1.2 Package Contents

• Headset Main Unit	
• Universal Helmet Clamp	
• Wired Boom Microphone	
• Wired Microphone	
• Hook and Loop Fastener for Boom Microphone	
• Hook and Loop Fastener for Wired Microphone	
• Microphone Sponges	
• Glued Surface Mounting Adapter	
• Foam Speaker Covers	
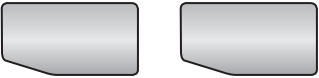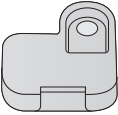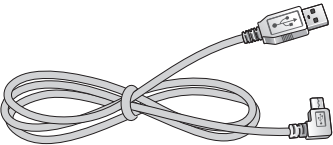
1. ABOUT THE MOTORCYCLE BLUETOOTH COMMUNICATION SYSTEM WITH MESH INTERCOM™

Product Details

Package Contents

• Speaker Pads	
• Hook and Loop Fasteners for Speakers	
• Boom Microphone Holder	
• Hook and Loop Fastener for Holder	
• Rubber Pads	
• Allen Wrench	
• Speaker Port Cover	
• USB Power & Data Cable (Micro USB Type)	

2. INSTALLING THE HEADSET ON YOUR HELMET

2.1 Helmet Installation

To securely install the headset on the helmet, please follow this procedure.

1. Insert the back plate of the clamp unit between the internal padding and the external shell of the helmet, and tighten the two screws.

Allen Wrench

Clamp Unit
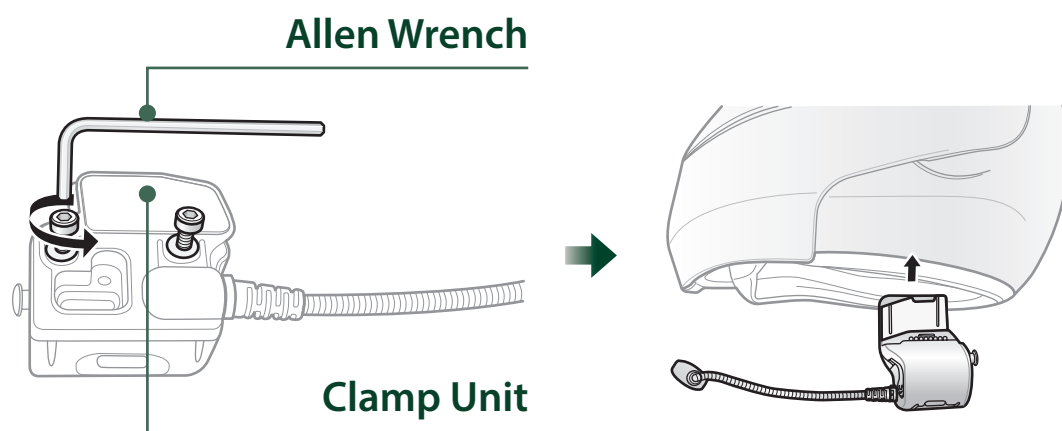
> **NOTE**
> • Depending on the size and shape of your helmet, you may need to change the thickness of the rubber pad between the clamp plates using the two extra rubber pads in the box. To increase the overall thickness, attach the thinner one to the original rubber pad or replace the original rubber pad with the thicker one.
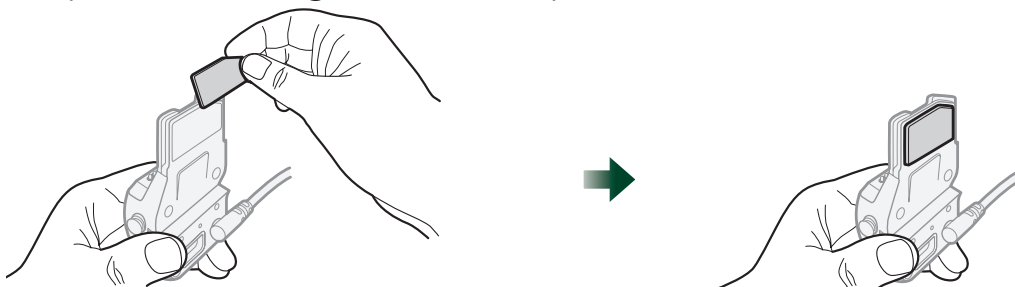
2. INSTALLING THE HEADSET ON YOUR HELMET

2. Place the helmet speakers along with the hook and loop fasteners, centered to your ear, in the ear pockets of the helmet. If the helmet has deep ear pockets, you can use the speaker pads to place the speakers closer to your ears.
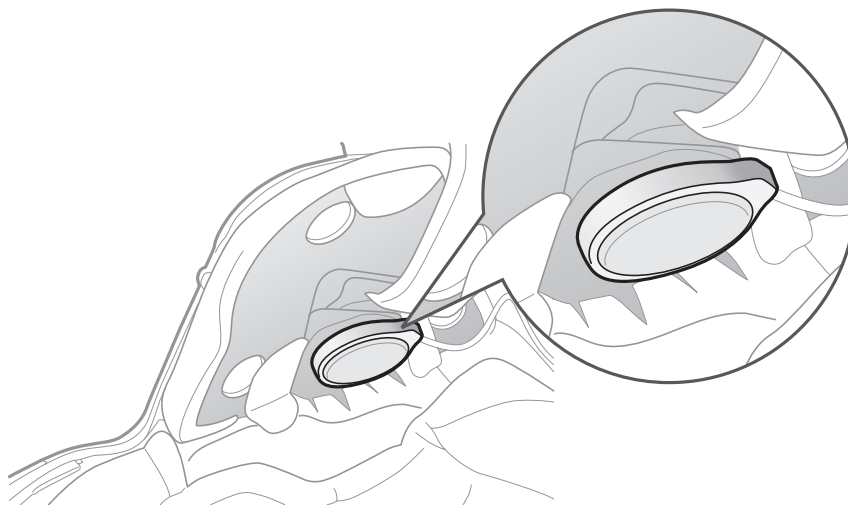
NOTE

• The speaker with the shorter wire is for the left ear and the speaker with the longer one is for the right ear.

• To enhance the audio quality, you can make use of the foam speaker covers. Cover each speaker with the foam and attach the hook fastener at the back of the speaker. Then place the speakers in the helmet as described above. Foam covered speakers work most effectively when they are slightly touching your ears.

Foam Speaker Cover   **Hook Fastener**

2. INSTALLING THE HEADSET ON YOUR HELMET

NOTE

• Make sure that the microphone is located properly close to your mouth when you wear the helmet. Adjust the direction of the microphone so that the fin side of the microphone is facing outward, away from your lips.

Fin
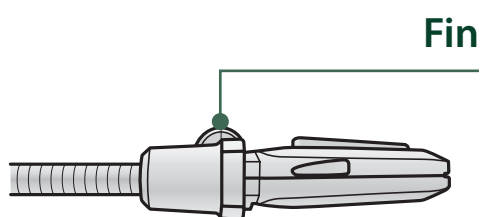
3. Attach the headset main unit to the clamp unit. Slide the main unit down onto the clamp unit until it clicks firmly into the bottom portion of the clamp unit.
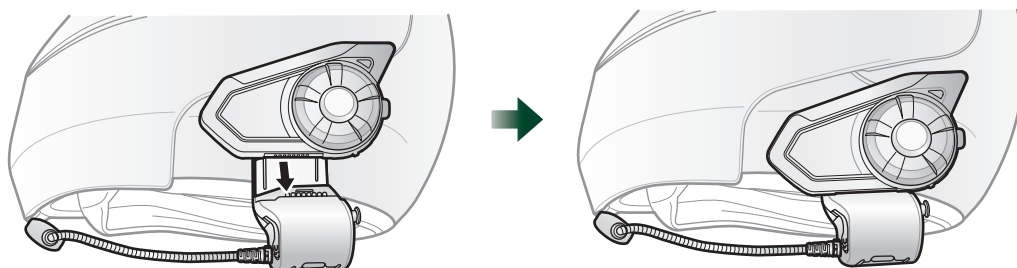
To remove the main unit from the clamp unit, press the Quick Release Button to slide it off the clamp unit.
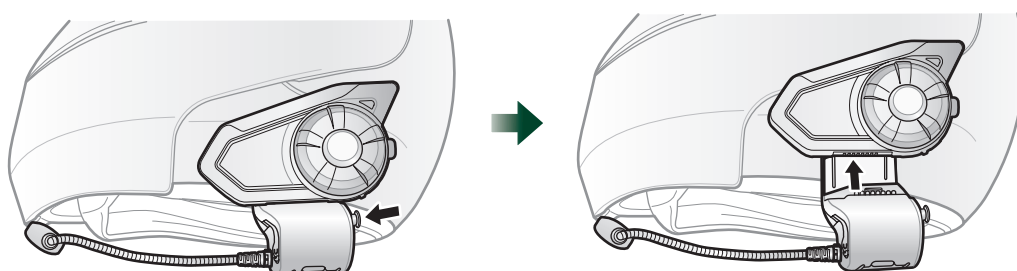
2. INSTALLING THE HEADSET ON YOUR HELMET

2.2 Using the Glued Surface Mounting Adapter

If you have any problem equipping the clamp unit on the helmet for any reason, you may use the glued surface mounting adapter to attach the clamp unit on the external surface of the helmet.

1. Remove the speaker unit.
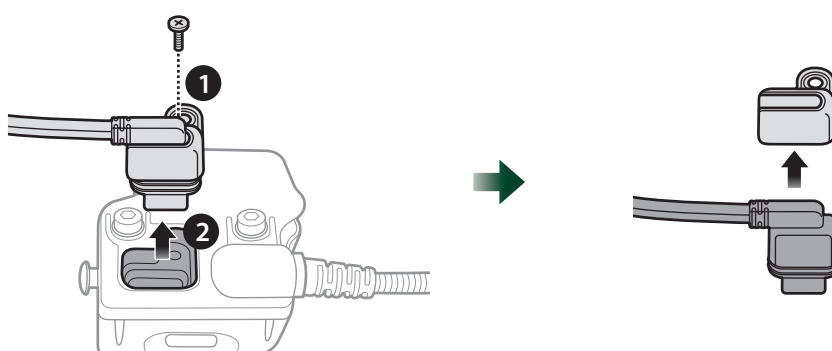
2. Remove the back plate.
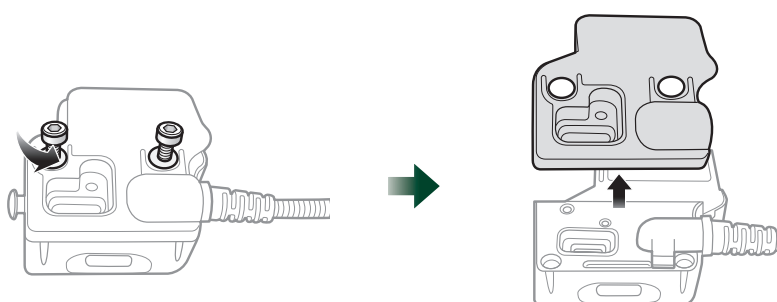
3. Remove the rubber pad and replace it with the thicker rubber pad included in the package.
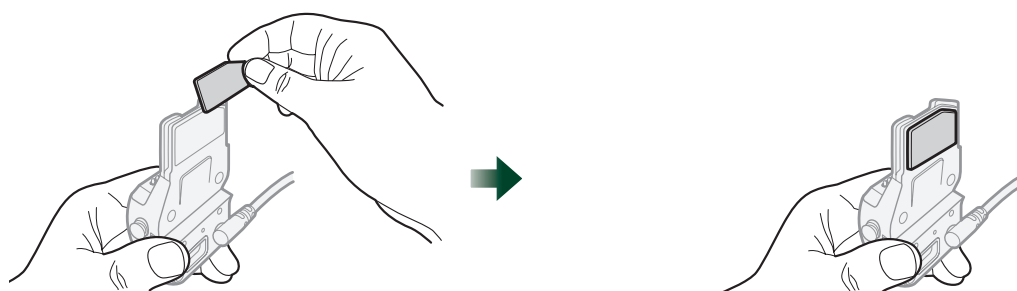
4. Hook on the adapter to the clamp unit then screw in the glued external adapter to the clamp unit.

2. INSTALLING THE HEADSET ON YOUR HELMET

5. Reconnect the speaker cable to the speaker port.
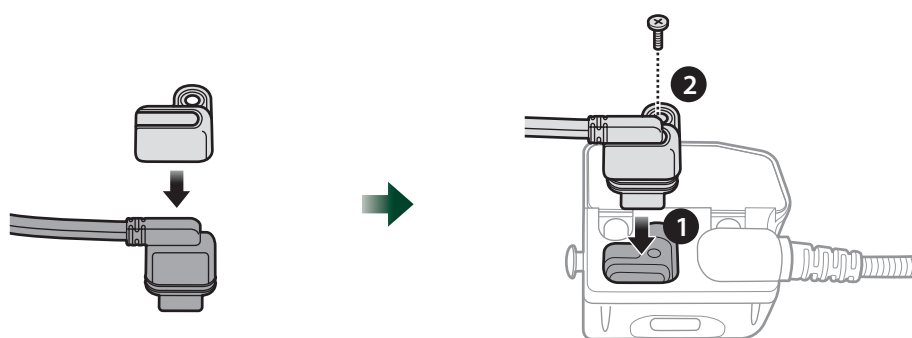
6. Locate a proper surface on the helmet to attach the unit then clean the helmet surface location with a moistened towel and allow to dry thoroughly.

7. Peel off the cover of the adhesive tape of the adapter and attach the unit on the proper surface of your helmet.
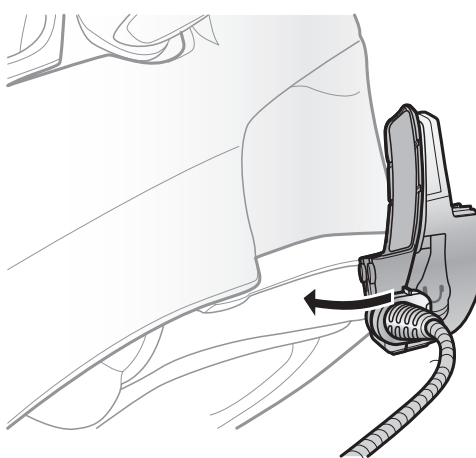
> **⚠ Caution**
> • KENWOOD recommends using the clamp unit. The glued surface mounting adapter is provided for convenience, but is not the recommended mounting method. KENWOOD is not responsible for its use.

2. INSTALLING THE HEADSET ON YOUR HELMET

2.3   Switching the Microphone

If you want to use a different microphone instead of the static boom microphone, please refer to the following steps.

1. Remove the back plate of the clamp unit.

2. Connect the microphone according to your helmet type.

3. Lock the microphone to the clamp.

4. Reattach the back plate to cover the microphone and the speaker port.

Speaker Port

Microphone Port

2. INSTALLING THE HEADSET ON YOUR HELMET

2.3.1　Wired Boom Microphone

When installing the included wired boom microphone, place the hook and loop fastener at the end of the boom microphone between the internal helmet cheek pad and the internal wall of the helmet shell. The boom microphone should be mounted so it is facing close to your mouth when you wear the helmet.
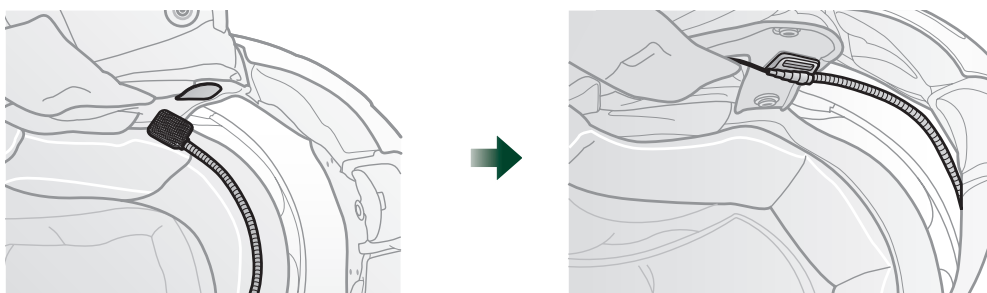
2.3.2　Wired Microphone

In case of the wired microphone, attach the enclosed hook and loop fastener for the wired microphone to the inside of the chin guard for full-face helmets. Place the wired microphone on the hook and loop fastener and connect it to the connector of the clamp unit.
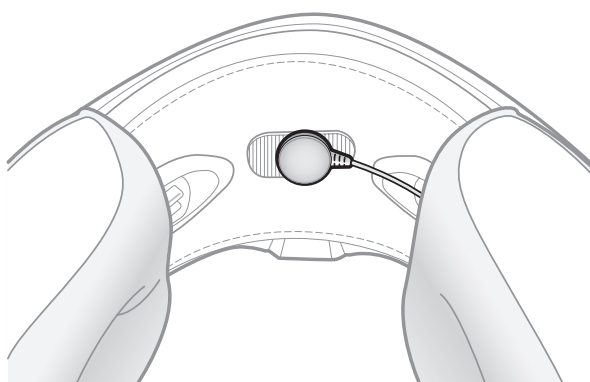
2. INSTALLING THE HEADSET ON YOUR HELMET

2.4 Earbuds

You can connect your earbuds to the clamp while having the speakers connected to the clamp. The sound of the earbuds will be active while the sound of the outer speakers becomes inactive.

Earbud Port
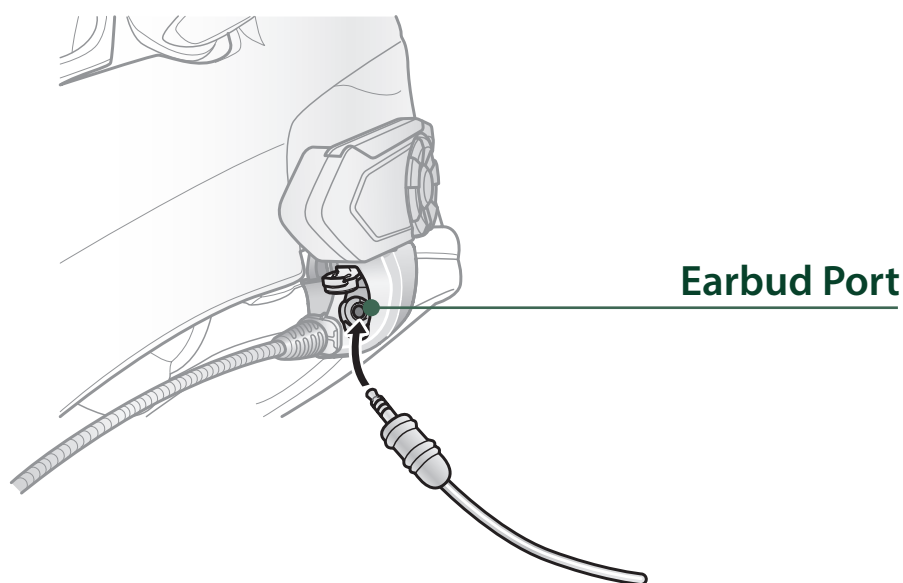
2.5 External Mesh Intercom Antenna

Pull the **Mesh Intercom** Antenna outwards slightly to unfold it.
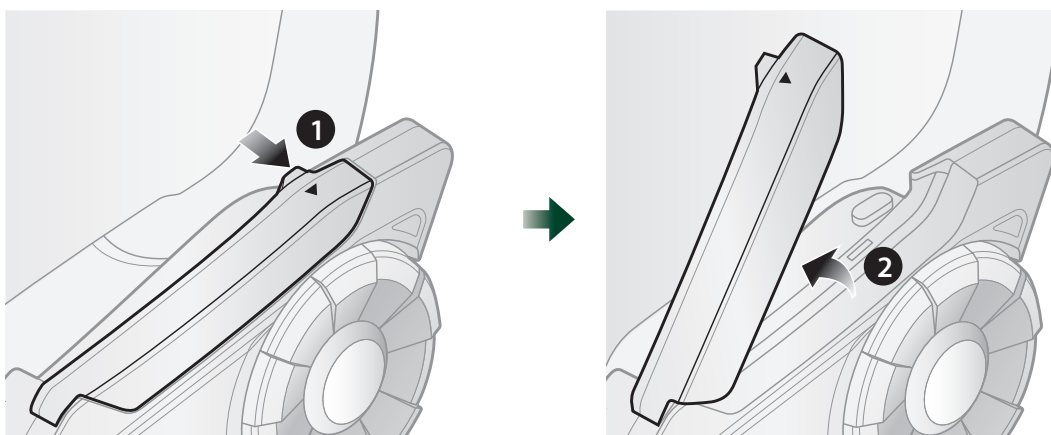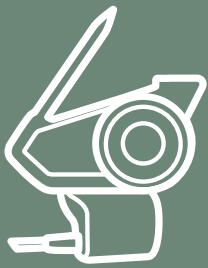
3. GETTING STARTED

3.1 Button Functions

M Mesh Intercom Button

Mesh Intercom On/Off
Create Mesh Intercom
Join Existing Mesh
Accept Participant
Reject Participant

P Phone Button

Answer/End Phone Call
FM Tuner On/Off
Speed Dial

Jog Dial

Increase/Decrease Volume
Play/Pause Music
Track Forward/Back
Scan Radio Stations
Enter Intercom Pairing Mode
Enter Voice Configuration Settings

A Ambient Mode Button

Ambient Mode
Group Intercom
Voice Command
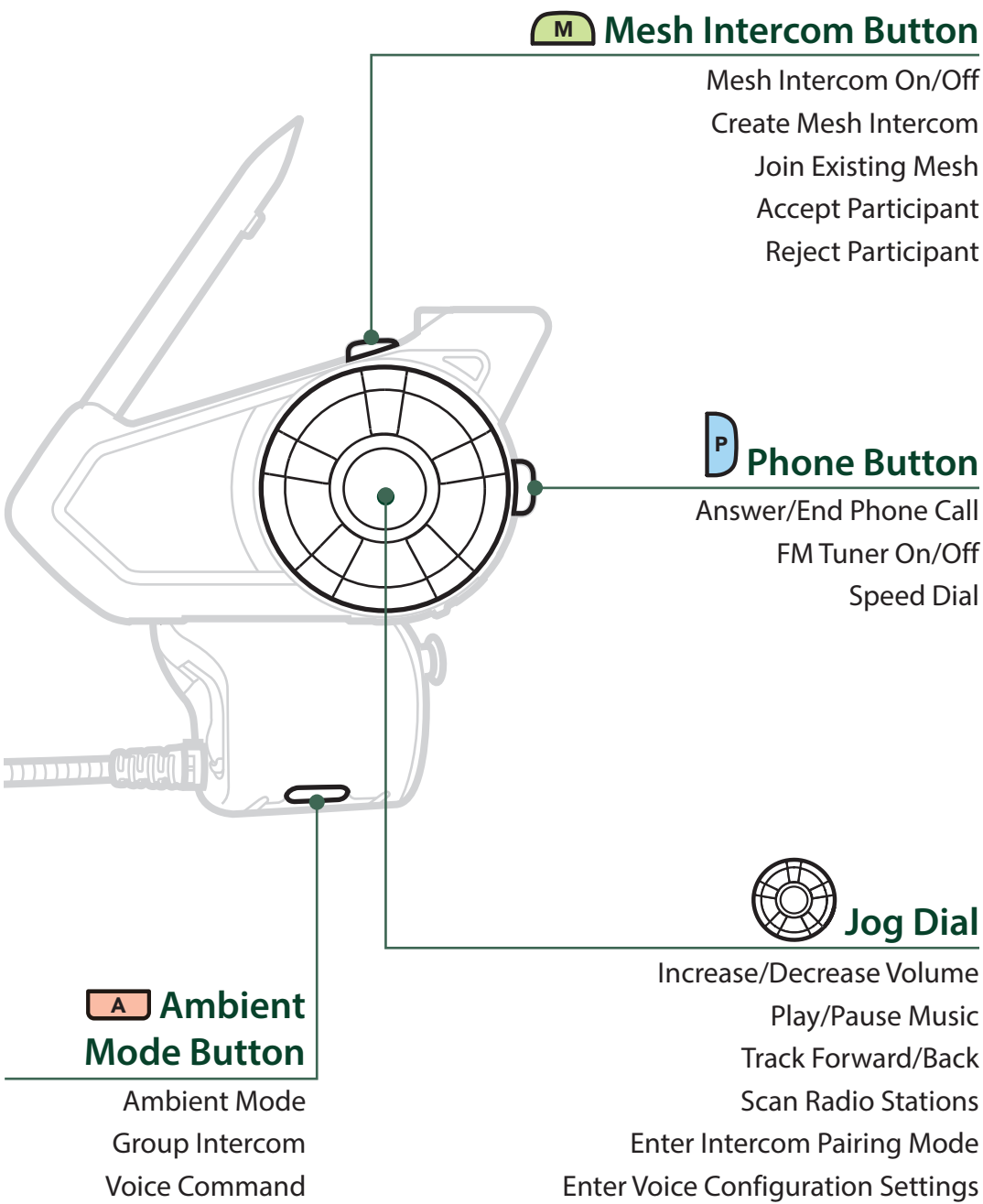
3. GETTING STARTED

3.2   Downloadable Software

3.2.1   MESH Utility for KENWOOD

By simply pairing your phone with your headset, you can use the **MESH Utility for KENWOOD** for quicker and easier set up and management.

•App Features
- Mesh Intercom, Bluetooth Intercom, Music, FM Radio, Device settings, Quick Start Guide, and User's Guide.

•Download
- Android: Google Play Store > '**MESH Utility for KENWOOD**'
- iOS: App Store > '**MESH Utility for KENWOOD**'

> **NOTE**
> • Pairing with three or more Intercoms will disconnect the **MESH Utility for KENWOOD**. When connecting with **MESH Utility for KENWOOD**, finish pairing with the third or later Intercom.

3.2.2   Intercom Device Manager for KENWOOD

The **Intercom Device Manager for KENWOOD** allows you to upgrade the firmware and configure its settings directly from your PC or Apple computer. Download the **Intercom Device Manager for KENWOOD** from www.kenwood.com/cs/ce/.

3. GETTING STARTED

3.3 Powering On and Off

Press and hold the **Jog Dial** and **Phone Button** at the same time to turn the headset on or off.

Powering On

P and 🎛️ HOLD **1s**

🎧 *"Preparing headset"*

🎧 *"Hello"*

Powering Off

P and 🎛️ TAP **1x**
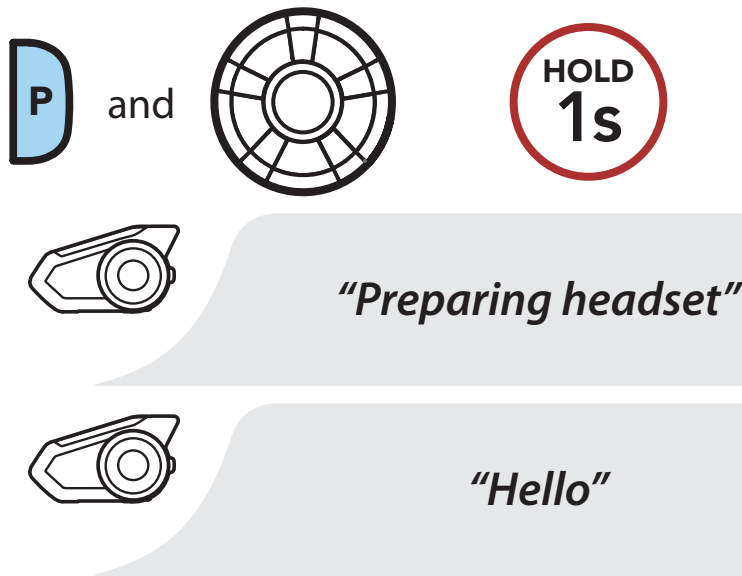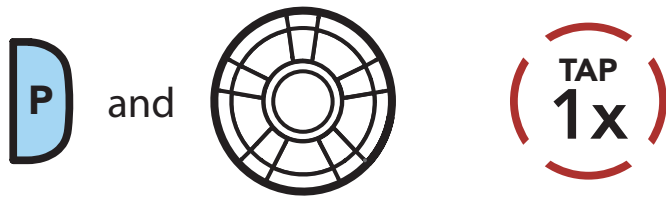
NOTE

- If the Voice Command setting is disabled, the "Hello" voice prompt will be heard instantly after powering on the headset. Please refer to **Section 12: "Voice Command"** for more details.

3. GETTING STARTED

3.4   Charging

Charging the Headset

DC Power Charging & Firmware Upgrade Port

The headset will be fully charged in about 1.5 hours. (The charging time may vary depending on the charging method.)

NOTE

• The headset includes a **Fast Charging** feature which allows it to charge quickly over a short period of time. For example, a user can get 5 hours of talk time after charging the headset for 20 minutes.

• Any 3rd party USB charger can be used with KENWOOD products if the charger is approved by either the FCC, CE, IC or other locally approved agencies that KENWOOD accepts.

• The headset is compatible with 5 V input USB-charged devices only.

3. GETTING STARTED

3.5 Checking the Battery Level

There are two ways to check battery level:

1. Visually, with LEDs when powering on.

Visual Method

P and ⊙ HOLD 1s

Status LED

Battery Level	Indication
HIGH	🔵 🔵 🔴🔴🔴🔴 🔵 •••
MEDIUM	🔵 🔵 🔴🔴🔴 🔵 •••
LOW	🔵 🔵 🔴🔴 🔵 •••

3. GETTING STARTED

2. Audible method: press and hold the **Phone Button** and **Jog Dial** for more than 5 seconds as the headset powers on. A prompt will announce the remaining battery level.

Audible Method

P   and   HOLD 5s

"Battery level high/medium/low"
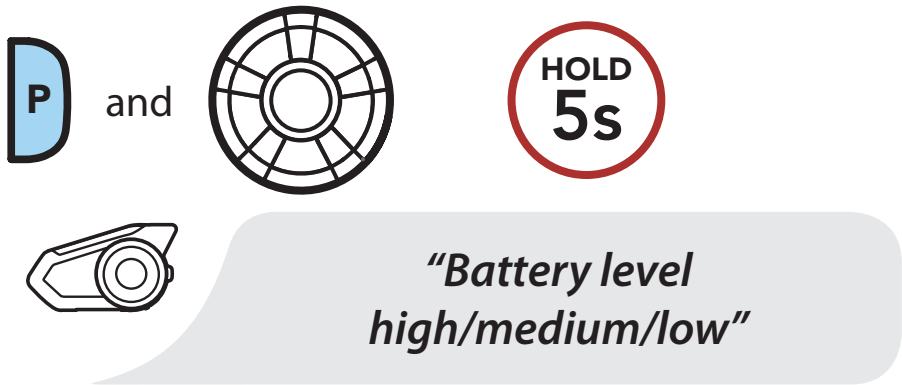
NOTE
• When the battery is low while in use, you will hear a voice prompt saying **"Low battery"**.
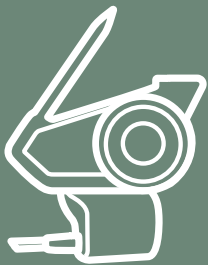
3. GETTING STARTED

3.6 Volume Adjustment

You can raise or lower the volume by rotating the **Jog Dial** clockwise or counterclockwise. Volume is set and maintained independently at different levels for each audio source (i.e., phone, intercom), even when the headset is rebooted.

Volume Up

Volume Down

3. GETTING STARTED

3.7 Headset Configuration Menu

The headset can be configured by following a series of voice prompts. Further details about each of these settings will be explained on the following pages.

1. To access the **Configuration Menu**, press and hold the **Jog Dial** for **10 seconds** until you hear the voice prompt, **"Configuration menu".**

Accessing the Confi guration Menu

HOLD
10s

"Configuration menu"

3. GETTING STARTED

2. Rotate the **Jog Dial** clockwise or counterclockwise to navigate between the menus. You will hear voice prompts for each menu item. The list of functions is shown in the **"Headset Configuration Menu" (P.28)**.

Navigating Forward through the Menu
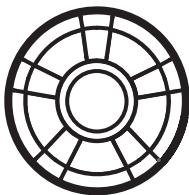
"[Menu prompt]"

Navigating Backward through the Menu

"[Menu prompt]"

3. GETTING STARTED

3. You can enable the feature or execute the command by tapping the **Phone Button**.

Execute Menu Options

P

TAP
1x

Headset Configuration Menu

Rotate the Jog Dial clockwise or counterclockwise	Tap the Phone Button
Delete All Pairings	Execute
Remote Control Pairing	Execute
Universal Intercom Pairing	Execute
Exit Configuration	Execute

4. PAIRING THE HEADSET WITH OTHER BLUETOOTH DEVICES

Mobile Phone

Additional Mobile Phones or MP3 Player

Advanced Selective Pairing: Hands-Free or A2DP Stereo

GPS Pairing

When using the headset with other Bluetooth devices for the first time, they'll need to be "paired". This enables them to recognize and communicate with one another whenever they're within range.

The headset can pair with multiple Bluetooth devices such as a mobile phone, GPS or MP3 player via **Mobile Phone Pairing, Second Mobile Phone Pairing and GPS Pairing**. The headset can also be paired with up to three other KENWOOD headsets.

Pairs with up to three KENWOOD Headsets
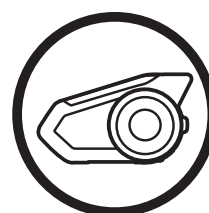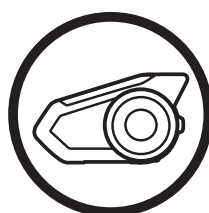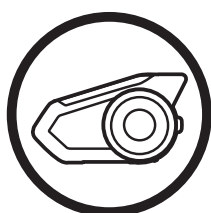
Also pairs with:

Mobile Phone	MP3 Player	GPS Devices

NOTE
- Bluetooth Specifications: Bluetooth 2.4 GHz ~ 2.48 GHz / max output power 0.097 mW

4. PAIRING THE HEADSET WITH OTHER BLUETOOTH DEVICES

4.1 Mobile Phone

There are two ways to pair the phone.

4.1.1 Pairing When the KCA-HX5M is Turned Off

1. Press and hold the **Phone Button** and **Jog Dial** for **10 seconds** when the **KCA-HX5M** is turned off.

Mobile Phone Pairing

P   and   HOLD 10s

"Phone pairing"

Status LED	Indication
	🔵🔴🔵🔴🔵🔴 • • •
	Alternating blue and red flashing lights indicate **device is now discoverable**.

2. With your mobile phone in Bluetooth-pairing mode, select the headset in the list of devices detected.

3. If your mobile phone asks for a PIN, enter 0000.

| 0 | 0 | 0 | 0 |

PIN NUMBER

4. PAIRING THE HEADSET WITH OTHER BLUETOOTH DEVICES

Mobile Phone

Additional Mobile Phones or MP3 Player

Advanced Selective Pairing: Hands-Free or A2DP Stereo

GPS Pairing

4.1.2   Pairing When the KCA-HX5M is Turned On

1. Press and hold the **Phone Button** for **5 seconds** when the **KCA-HX5M** is turned on.

Mobile Phone Pairing

P

HOLD
5s

"Phone pairing"

Status LED	Indication
	●●●●●● •••
	Alternating blue and red flashing lights indicate **device is now discoverable**.

2. With your mobile phone in Bluetooth-pairing mode, select the headset in the list of devices detected.

3. If your mobile phone asks for a PIN, enter 0000.

| 0 | 0 | 0 | 0 |

PIN NUMBER

4. PAIRING THE HEADSET WITH OTHER BLUETOOTH DEVICES

Mobile Phone

Additional Mobile Phones or MP3 Player

Advanced Selective Pairing: Hands-Free or A2DP Stereo

GPS Pairing

4.2 Additional Mobile Phones or MP3 Player

1. Execute **Second Mobile Phone Pairing** by holding down the **Jog Dial** for **5 seconds**. Tap the **Phone Button** once within **2 seconds**.

Second Mobile Phone Pairing

HOLD
5s

P

TAP
1x
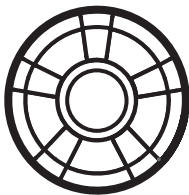
"Second mobile phone pairing"

Status LED	Indication
	●●●...
	Blue flashing lights indicates **device is now discoverable**.

2. With your mobile phone in Bluetooth-pairing mode, select the headset in the list of devices detected.

3. If your mobile phone asks for a PIN, enter 0000.

| 0 | 0 | 0 | 0 |
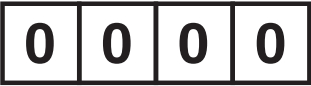
PIN NUMBER

4. PAIRING THE HEADSET WITH OTHER BLUETOOTH DEVICES

Mobile Phone

Additional Mobile Phones or MP3 Player

Advanced Selective Pairing: Hands-Free or A2DP Stereo

GPS Pairing

4.3 Advanced Selective Pairing: Hands-Free or A2DP Stereo

Phone Pairing allows the headset to establish two Bluetooth profiles: **Hands-Free** or **A2DP Stereo**. **Advanced Selective Pairing** allows the headset to separate the profiles to enable connection with two devices.

4.3.1 Phone Selective Pairing - Hands-Free Profile

1. Execute **Phone Selective Pairing** by holding down the **Phone Button** for **5 seconds**. Tap the **Phone Button** once within **2 seconds**.

Phone Selective Pairing
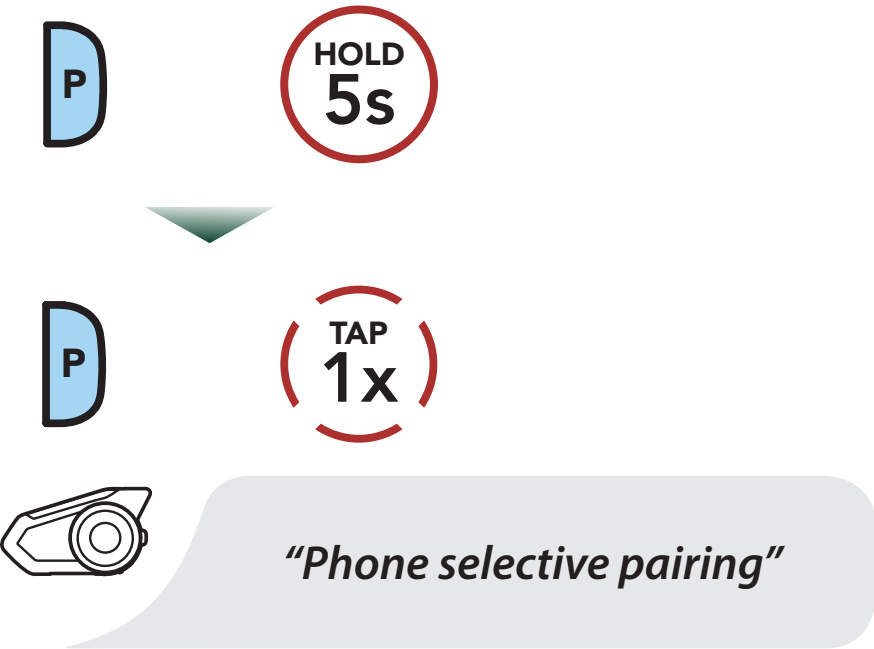
P | HOLD 5s

P | TAP 1x

"Phone selective pairing"

Status LED	Indication
	●●● •••
	Blue flashing lights indicates **device is now discoverable**.

4. PAIRING THE HEADSET WITH OTHER BLUETOOTH DEVICES

Mobile Phone

Additional Mobile Phones or MP3 Player

Advanced Selective Pairing: Hands-Free or A2DP Stereo

GPS Pairing

2. With your mobile phone in Bluetooth-pairing mode, select the headset in the list of devices detected.

3. If your mobile phone asks for a PIN, enter 0000.

0	0	0	0

PIN NUMBER

4. PAIRING THE HEADSET WITH OTHER BLUETOOTH DEVICES

Mobile Phone

Additional Mobile Phones or MP3 Player

Advanced Selective Pairing: Hands-Free or A2DP Stereo

GPS Pairing

4.3.2 Media Selective Pairing - A2DP Profile

1. Execute **Media Selective Pairing** by holding down the **Phone Button** for **5 seconds**. Tap the **Jog Dial** once within **2 seconds**.

Media Selective Pairing

P   HOLD 5s

TAP 1x

"Media selective pairing"

Status LED	Indication
	●●●•••
	Red flashing lights indicate **device is now discoverable**.

2. With your mobile phone in Bluetooth-pairing mode, select the headset in the list of devices detected.

3. If your mobile phone asks for a PIN, enter 0000.

| 0 | 0 | 0 | 0 |

PIN NUMBER

4. PAIRING THE HEADSET WITH OTHER BLUETOOTH DEVICES

Mobile Phone

Additional Mobile Phones or MP3 Player

Advanced Selective Pairing: Hands-Free or A2DP Stereo

GPS Pairing

4.4   GPS Pairing

1. Execute **GPS Pairing** by holding down the **Jog Dial** for **5 seconds**. Within **2 seconds**, tap the **Phone Button** once to hear the voice prompt, **"Second mobile phone pairing"**. Again within **2 seconds**, tap the **Phone Button** to hear the voice prompt, **"GPS pairing"**.

GPS Pairing

HOLD
5s

P

TAP
1x

"Second mobile phone pairing"

P

TAP
1x
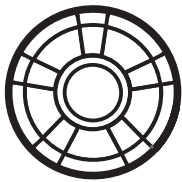
"GPS pairing"

Status LED	Indication
	●●● • • •
	Green flashing lights indicates **device is now discoverable**.

4. PAIRING THE HEADSET WITH OTHER BLUETOOTH DEVICES

Mobile Phone

Additional Mobile Phones or MP3 Player

Advanced Selective Pairing: Hands-Free or A2DP Stereo

GPS Pairing

2. With your Bluetooth device on the GPS navigation screen, select the headset in the list of devices detected.

3. If your Bluetooth device asks for a PIN, enter 0000.

0	0	0	0

PIN NUMBER

NOTE

• If you pair your GPS device via GPS Pairing, its instruction will not interrupt your Mesh Intercom conversations, but overlay with them. Bluetooth intercom conversations will be interrupted by GPS instructions.

5. MOBILE PHONE USAGE

5.1 Making and Answering Calls

Making and Answering Calls

Speed Dialing

VOX Phone

Answer a Call

P   or   TAP 1x

End a Call

P   TAP 1x

or

HOLD 2s

Reject a Call

HOLD 2s
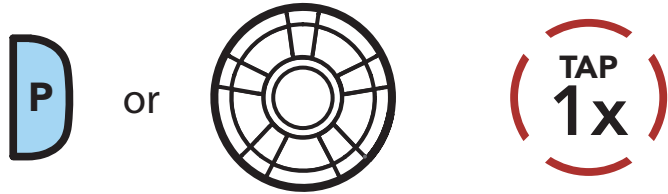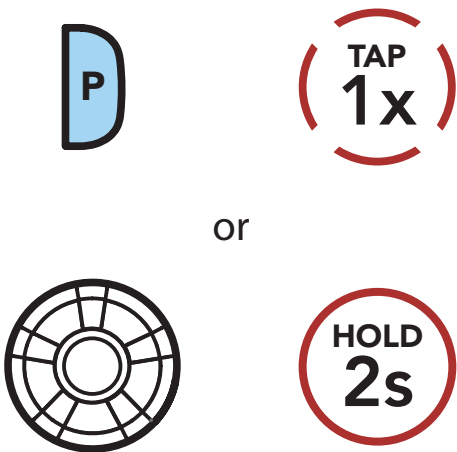
Make a Call with Voice Dialer

P   TAP 1x

> **NOTE**
> • If you have a GPS device connected, you will not hear its voice navigations during a phone call.

5. MOBILE PHONE USAGE

5.2 Speed Dialing

Making and Answering Calls

Speed Dialing

VOX Phone

5.2.1 Assigning Speed Dial Presets

Speed Dial Presets could be assigned in the settings menu, accessible through **Intercom Device Manager for KENWOOD** or **MESH Utility for KENWOOD**.

5.2.2 Using Speed Dial Presets

1. Tap the **Phone Button** twice to enter into the **Speed Dial** menu. You will hear the voice prompt, **"Speed dial".**

Enter Speed Dial Mode

"Speed dial"

2. Rotate the **Jog Dial** clockwise or counterclockwise to navigate between the **Speed Dial Presets**.

Navigate Forward through Speed Dial Preset Numbers

Navigate Backward through Speed Dial Preset Numbers
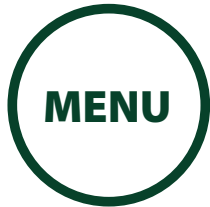
5. MOBILE PHONE USAGE

Making and Answering Calls

Speed Dialing

VOX Phone

3. To call one of your **Speed Dial Presets**, tap the **Phone Button** when you hear the prompt, **"Speed dial (#)"**.

Call a Speed Dial Preset Number

P   TAP **1x**

"Speed dial (#)"

4. To redial the last number called, tap the **Phone Button** when you hear the prompt, **"Last number redial"**.

Redial Last Number

P   TAP **1x**

"Last number redial"

5. MOBILE PHONE USAGE

Making and Answering Calls

Speed Dialing
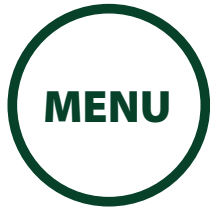
VOX Phone

5.3   VOX Phone (Default: Enable)

A **VOX Phone** setting can be found in the settings menu, accessible through **Intercom Device Manager for KENWOOD** or **MESH Utility for KENWOOD**.

With **VOX Phone** enabled, you can answer incoming calls by simply saying a word loudly enough, unless you are connected to intercom. For example, when you hear a series of beeps for an incoming call, you can answer the phone by saying **"Hello"** or any other word loudly. If this mode is disabled, you have to tap the **Jog Dial** or the **Phone Button** to answer an incoming call.

6. STEREO MUSIC

6.1 Playing Music with Bluetooth Devices

1. To play or pause music, press and hold the **Jog Dial** for **1 second** until you hear a double beep.

Play/Pause

HOLD
1s
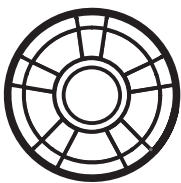
"[Beep, Beep]"

2. To adjust the volume, rotate the **Jog Dial** clockwise or counterclockwise.

Volume Up

Volume Down

6. STEREO MUSIC

3. To track forward or back, rotate while pressing the **Jog Dial** clockwise or counterclockwise.

Track Forward

Track Backward

6.2 Playing Music with non-Bluetooth Devices

You can play music that is stored on non-Bluetooth devices such as MP3 players. To connect your device to the headset, plug the enclosed 2.5 to 3.5 mm audio cable into the AUX ports, both on the headset and on your device.

6. STEREO MUSIC

To adjust the volume, rotate the **Jog Dial** clockwise or counterclockwise. You can also adjust the volume directly on the connected device.

Volume Up

Volume Down

6.3   Music Sharing

You can start sharing music with one intercom friend using Bluetooth stereo music during a two-way intercom conversation and one participant of a Mesh. Both you and your intercom friend can remotely control music playback such as track forward and track back. If you start sharing music while Bluetooth intercom and Mesh Intercom are running at the same time, then music shared during Bluetooth intercom will take priority over music shared during Mesh Intercom. The Creator will send a request message to a headset connected during Mesh Intercom and will share music with the first participant that accepts the request.

6. STEREO MUSIC

Bluetooth Intercom Music Sharing

HOLD **3s**
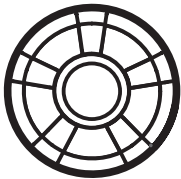
"Music sharing on"

Mesh Intercom Music Sharing

Creator

HOLD **3s**
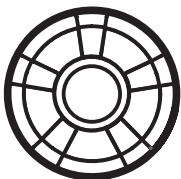
"Music sharing on"

Participant

"Would you like to accept music sharing?"

ACCEPT

M   TAP **1x**

REJECT

M   HOLD **1s**

6. STEREO MUSIC

6.4 Audio Boost (Default: Enable)

An **Audio Boost** setting can be found in the settings menu, accessible through **Intercom Device Manager for KENWOOD** or **MESH Utility for KENWOOD**.

Enabling **Audio Boost** increases the maximum volume limit. Disabling **Audio Boost** reduces the maximum volume limit while delivering more balanced sound.

6.5 Smart Volume Control (Default: Disable)

A **Smart Volume Control** setting can be found in the settings menu, accessible through **Intercom Device Manager for KENWOOD** or **MESH Utility for KENWOOD**.

Enabling **Smart Volume Control** automatically changes the level of the speaker volume based on the level of the environment noise. You can enable it by setting the sensitivity to low, medium or high.

7. MESH INTERCOM

7.1   What is Mesh Intercom?

Mesh Intercom™ a dynamic communication system created by Sena that provides instant and effortless bike-to-bike communication without a pre-grouping process. **Mesh Intercom** allows riders to connect and communicate with nearby users without the need to pair each headset together.

The working distance between each **KCA-HX5M*** in **Mesh Intercom** can be up to 2 km (1.2 miles) in open terrain. In open terrain, the **Mesh** can be extended up to 8 km (5 miles) between a minimum of six users. Within the same channel in **Open Mesh™** or the same private group in **Group Mesh™**, six users can talk at the same time and enjoy the optimal quality for their conversation.

* Compatible with Sena Mesh model Open Mesh and Group Mesh (e.g. 30K)
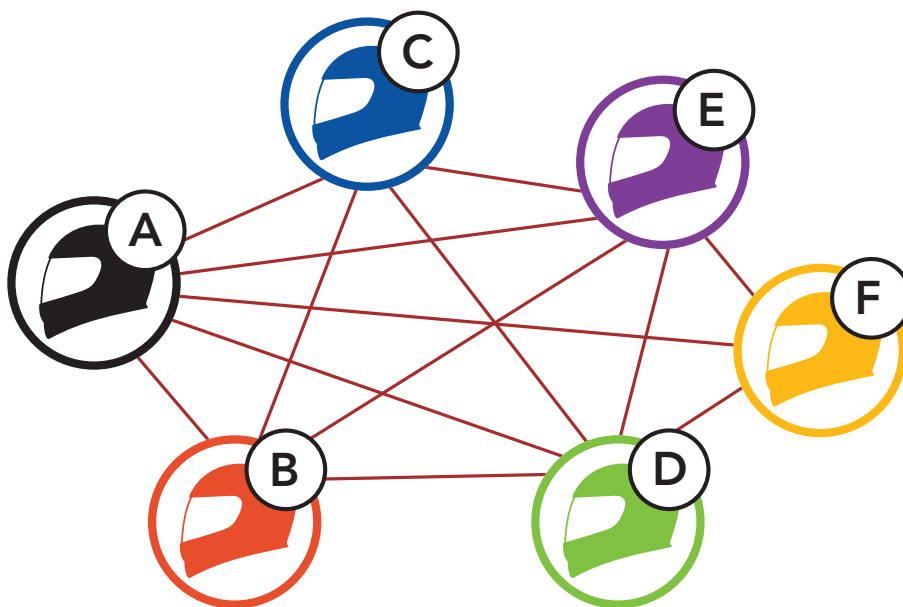
Mesh Intercom

> **NOTE**
> • **Open Mesh** and **Group Mesh** cannot communicate with the **Public Mode** and **Private Mode** of the previous modes of the Sena Mesh model. In case of no communication, **the Sena headset should be upgraded to the latest firmware**.

MENU

7. MESH INTERCOM

7.1.1   Open Mesh

Open Mesh is an open group intercom function. Users can freely communicate with each other in the same **Open Mesh** channel and select which channel (1-9) to use through the headset.

It can connect with a virtually unlimited number of users in each channel.

Channel 1   Channel 2

Channel 9

7. MESH INTERCOM

7.1.2   Group Mesh

Group Mesh is a closed group intercom function that allows users to join, leave, or rejoin a group intercom conversation without pairing each headset. Users can freely communicate with each other in the same private group in **Group Mesh**.

For closed intercom conversations using **Mesh Intercom**, a **Group Mesh** needs to be created by the users. When users create a private group in **Group Mesh** by **Mesh Grouping**, the headset automatically switches from **Open Mesh** to **Group Mesh**. Up to 24 users can all be connected in each private group.
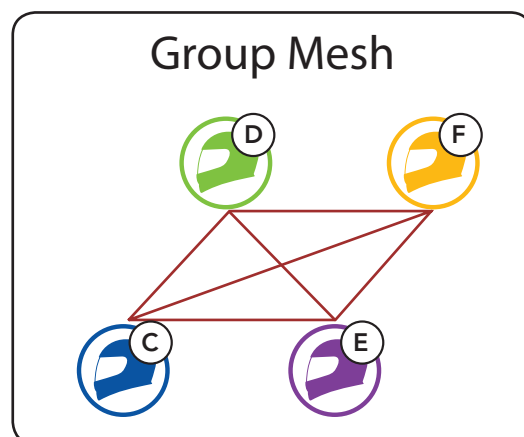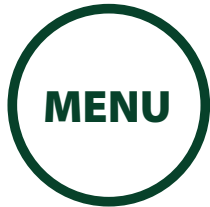
7. MESH INTERCOM

7.2 Starting Mesh Intercom

When **Mesh Intercom** is enabled, the **KCA-HX5M*** will automatically connect to nearby **KCA-HX5M*** users and allow them to talk to each other by pressing the **Mesh Intercom Button**.

* Compatible with Sena Mesh model Open Mesh and Group Mesh (e.g. 30K)

Mesh Intercom On

M | TAP 1x

"Mesh intercom on"

Mesh Intercom Off

M | TAP 1x

"Mesh intercom off"

7. MESH INTERCOM

7.3 Using the Mesh in Open Mesh

When **Mesh Intercom** is enabled, the headset will be in **Open Mesh (default: channel 1)** initially.

7.3.1 C hannel Setting (Default: channel 1)

If the **Open Mesh** communication experiences interference because other groups are also using **channel 1 (default)**, change the channel. You can select from channels 1 to 9.

Channel 1   Channel 2
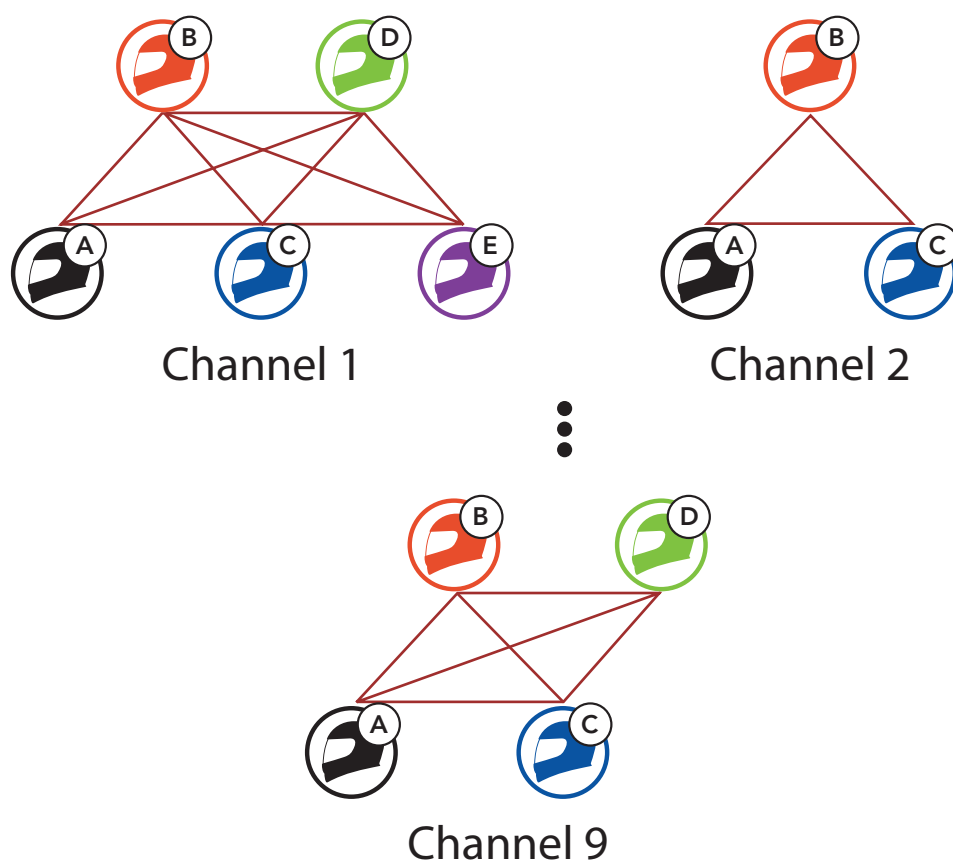
Channel 9

Enter into the Channel Setting

M   TAP 2x

"Channel setting, 1"

7. MESH INTERCOM

Navigate Between Channels
(1 ⟶ 2 ⟶ ••• ⟶ 8 ⟶ 9 ⟶ Exit ⟶ 1 ⟶ •••)

⟶
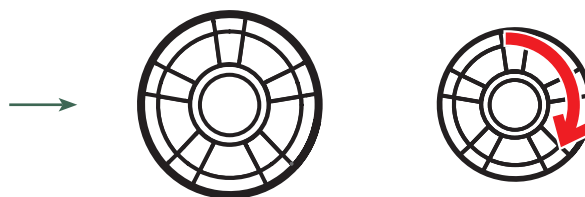
or

⟵

"#"

Save the Channel

TAP
1x
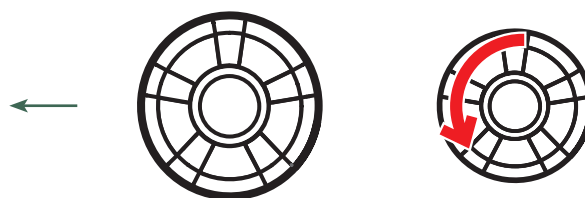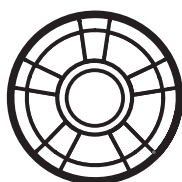
"Channel is set, channel #"

NOTE

- **Channel Setting** always starts with channel 1.
- If you do not press any button for approximately **10 seconds** in a specific channel, the channel is automatically saved.
- If you want to cancel during **Channel Setting**, tap the **Phone Button**.
- The channel will be remembered even if you turn off the **KCA-HX5M**.
- You can also change the **Channel Setting** of the headset through the **Intercom Device Manager for KENWOOD** or the **MESH Utility for KENWOOD**.

7. MESH INTERCOM

7.4 Using Mesh in Group Mesh

7.4.1 Creating a Group Mesh

Creating a Group Mesh requires two or more Open Mesh users.
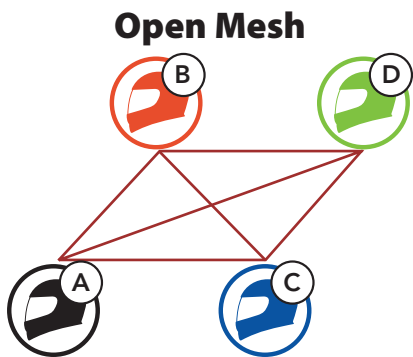
Open Mesh

1. Enter into **Mesh Grouping** to create a **Group Mesh**.

C
YOU

and

D
FRIEND

M   HOLD 5s

"Mesh Grouping"

7. MESH INTERCOM

2. The headsets complete **Mesh Grouping** and automatically switch from **Open Mesh** to **Group Mesh**.

"Group Mesh"

Open Mesh   Group Mesh
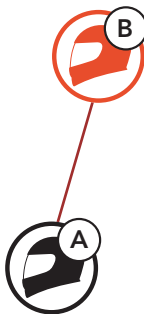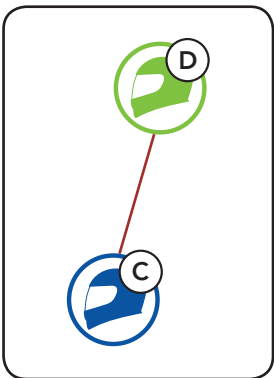
NOTE

• If the **Mesh Grouping** is not completed within **30 seconds**, users will hear a voice prompt, **"Grouping failed"**.

• If you want to cancel during the **Mesh Grouping**, tap the **Mesh Intercom Button** or **Phone Button**.

7. MESH INTERCOM

7.4.2   Joining an Existing Group Mesh

One of the members in an **Existing Group Mesh** can allow new members in **Open Mesh** to join the **Existing Group Mesh**.

New Members

Existing Group Mesh and Current Members
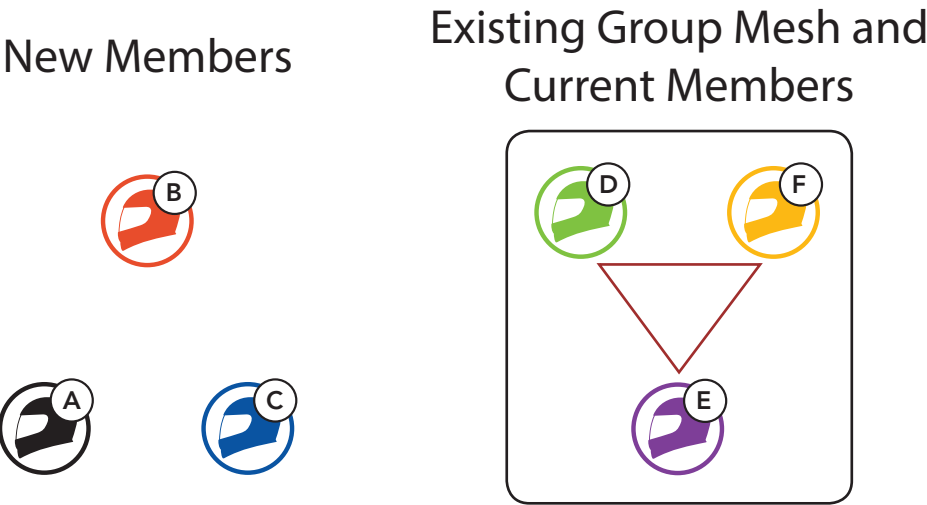
1. **One of the current members** and a **new member** enter into **Mesh Grouping** to join the **Existing Group Mesh**.
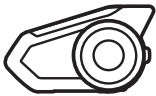
YOU
(NEW MEMBER)

and

CURRENT
MEMBER IN
GROUP MESH

M   HOLD 5s

"Mesh Grouping"

7. MESH INTERCOM

2. The headsets complete **Mesh Grouping**. The new members will hear a voice prompt as their headsets automatically switch from **Open Mesh** to **Group Mesh**.
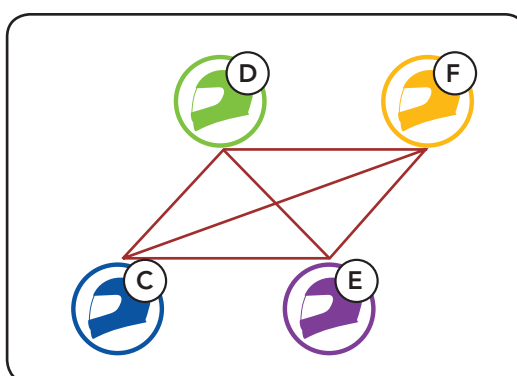
"Group Mesh"

> **NOTE**
> • If the **Mesh Grouping** is not completed within **30 seconds**, the current members will hear a low tone double beep and the new member will hear a voice prompt, **"Grouping failed"**.

7.5   Reset Mesh

If a headset in an **Open Mesh** or **Group Mesh** resets the **Mesh**, it will automatically return to **Open Mesh (default: channel 1)**.
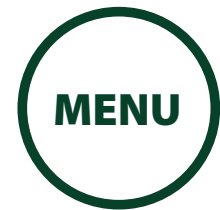
7. MESH INTERCOM

7.6 Toggling Open Mesh/Group Mesh

Users are able to toggle between **Open Mesh** and **Group Mesh** without resetting the **Mesh**. This allows users to keep the **Group Mesh Network** connection information while in **Open Mesh**.

Users can toggle to **Group Mesh** to communicate with participants from the stored **Group Mesh Network** connection information.

Toggle Between Open Mesh and Group Mesh

Open Mesh

"Open Mesh"

M   HOLD
      3s

Group Mesh

"Group Mesh"

> **NOTE**
> • If you have never participated in **Group Mesh**, you cannot toggle between **Open Mesh** and **Group Mesh**. You will hear a voice prompt, **"No Group Available"**.

7. MESH INTERCOM

7.7 Enable/Disable Mic (Default: Enable)

Users can enable/disable the microphone when communicating in a **Mesh Intercom**.

Enable / Disable the Microphone

M   HOLD 1s

8. BLUETOOTH INTERCOM SETUP

8.1 Intercom Pairing

Up to three people can communicate via intercom with the headset simply by pairing their headsets.

Pairing with Intercom Friends
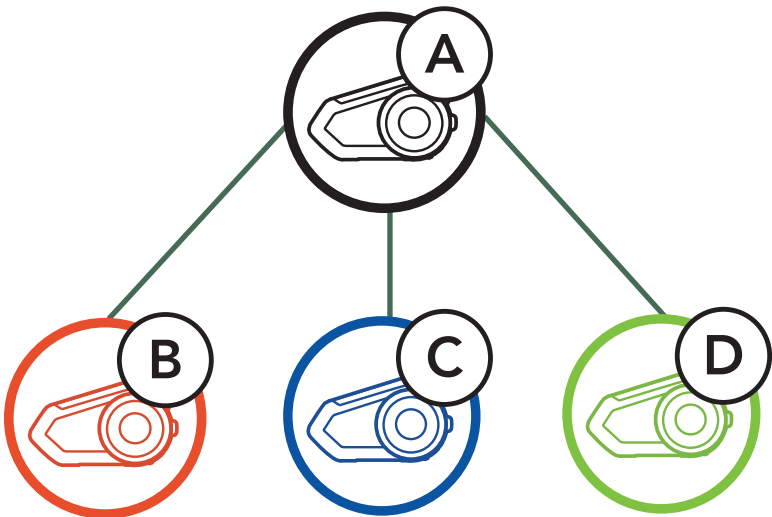
1. Press and hold the **Jog Dials** of two headsets for **5 seconds** until you hear the voice prompt, "**Intercom pairing**".

Pairing Headset A with Headset B

YOU and

HOLD 5s

"Intercom pairing"

Status LED	Indication
	🔴🔴🔴•••
	Red flashing lights indicates **device is now discoverable**.

8. BLUETOOTH INTERCOM SETUP

2. Tap the **Jog Dial** on either headset and wait until the LEDs of both turn blue.

YOU

or

A

B

TAP
1x
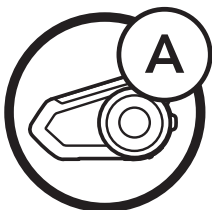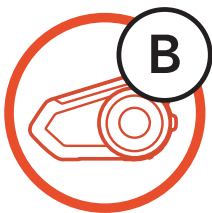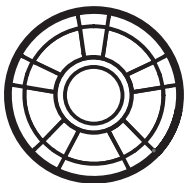
Status LED	Indication
	🔵🔵🔵•••
	Flashing blue LED confirms **intercoms are paired**.

8. BLUETOOTH INTERCOM SETUP

3. Repeat steps 1 and 2 to pair with **Intercom Friends** C & D.

Last-Come, First-Served
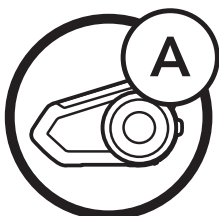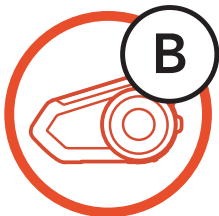
YOU   Intercom Friend 1
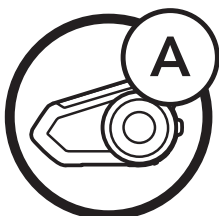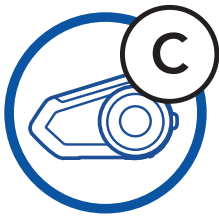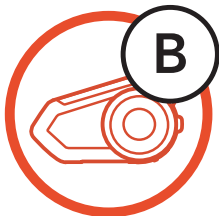
YOU   Intercom Friend 1   Intercom Friend 2
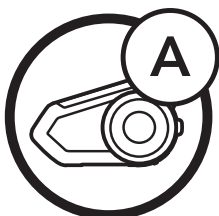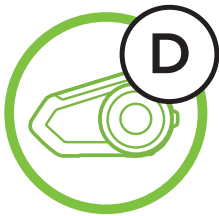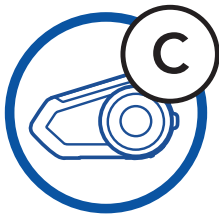
YOU   Intercom Friend 1   Intercom Friend 2   Intercom Friend 3

8. BLUETOOTH INTERCOM SETUP

8.2 Two-Way Intercom

You can start or end an intercom conversation with an Intercom Friend by tapping the **Jog Dial**.

1. Tap once for Intercom **Friend 1.**

Start/End with Intercom Friend 1

D = TAP 1x
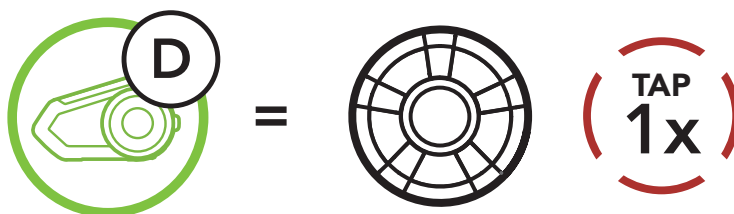
2. Tap twice for Intercom **Friend 2.**

Start/End with Intercom Friend 2

C = TAP 2x
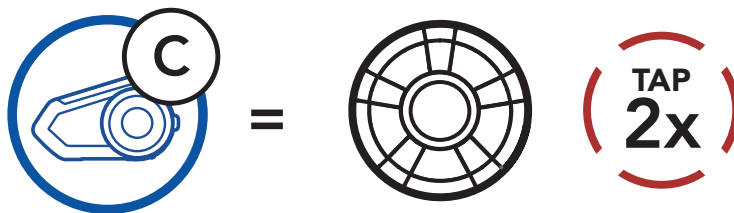
3. Tap three times for Intercom **Friend 3.**

Start/End with Intercom Friend 3

B = TAP 3x
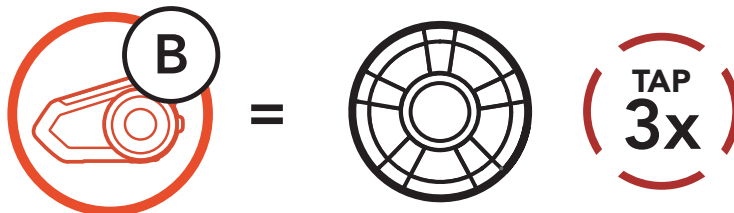
8. BLUETOOTH INTERCOM SETUP

8.3 Multi-Way Intercom

Multi-Way Intercom enables conference-call-style conversations with up to three **Intercom Friends** at the same time. While **Multi-Way Intercom** is in progress, mobile phone connection is temporarily disconnected. However, as soon as **Multi-Way Intercom** terminates, the mobile phone connection will be reestablished.

8.3.1 Starting a Three-Way Intercom Conference

You (A) can have a **Three-Way Intercom Conference** with two other **Intercom Friends (B & C)** by establishing two intercom connections simultaneously.

1. Pair your headset (A) with those of two other **Intercom Friends (B & C)**. Please refer to **Section 8.1: "Intercom Pairing"** for pairing instructions.

Pair with Intercom Friends B & C

A

You

B

Intercom Friend B

C

Intercom Friend C

8. BLUETOOTH INTERCOM SETUP

2. Start an intercom conversation with one of the two friends in your intercom group. For example, **you (A)** may start an intercom conversation with the **Intercom Friend (B)**. Or, **Intercom Friend (B)** may start an intercom call with **you (A)**.

Starting an Intercom Conversation with Intercom Friend B

A

B

C

You

Intercom Friend B
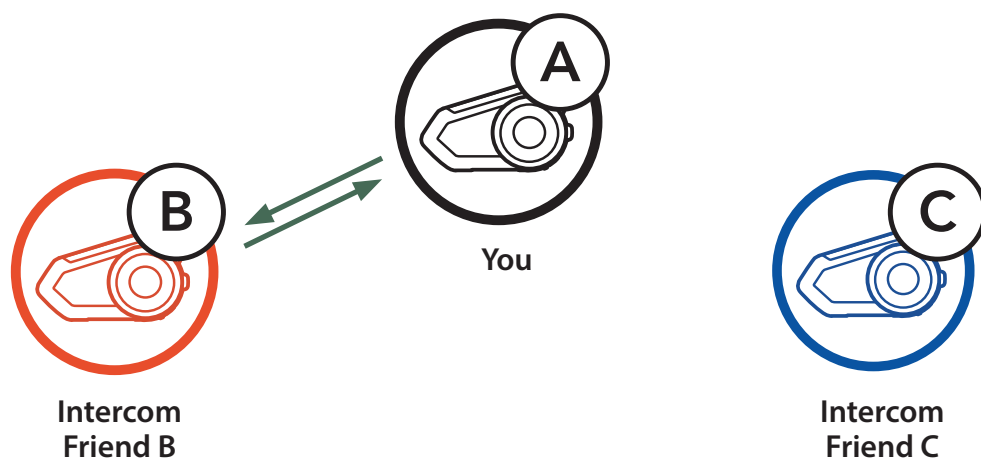
Intercom Friend C

3. Then, **you (A)** can call the second **Intercom Friend (C)**, or the second **Intercom Friend (C)** may join the intercom by making an intercom call to **you (A)**.

Starting an Intercom Conversation with Intercom Friend C

A

B

C

You

Intercom Friend B
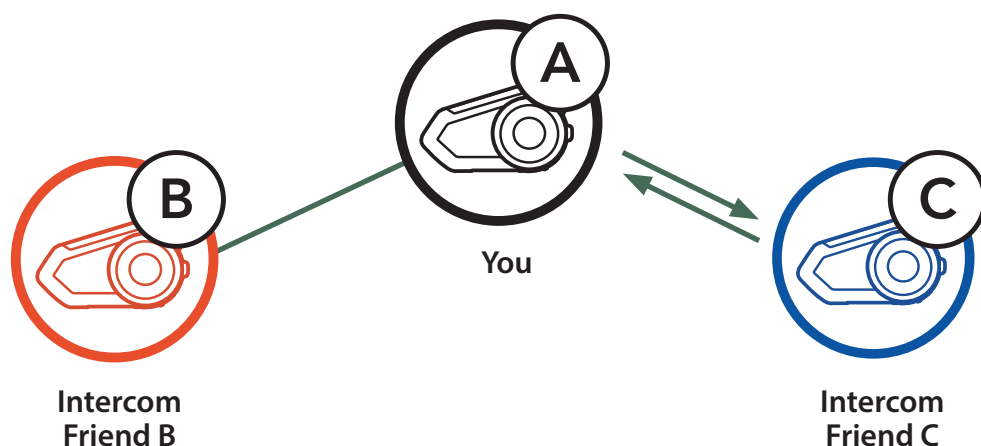
Intercom Friend C

8. BLUETOOTH INTERCOM SETUP

4. Now **you (A)** and two **Intercom Friends (B & C)** are having a **Three-Way Intercom Conference**.

Three-Way Intercom

Intercom Friend B

You
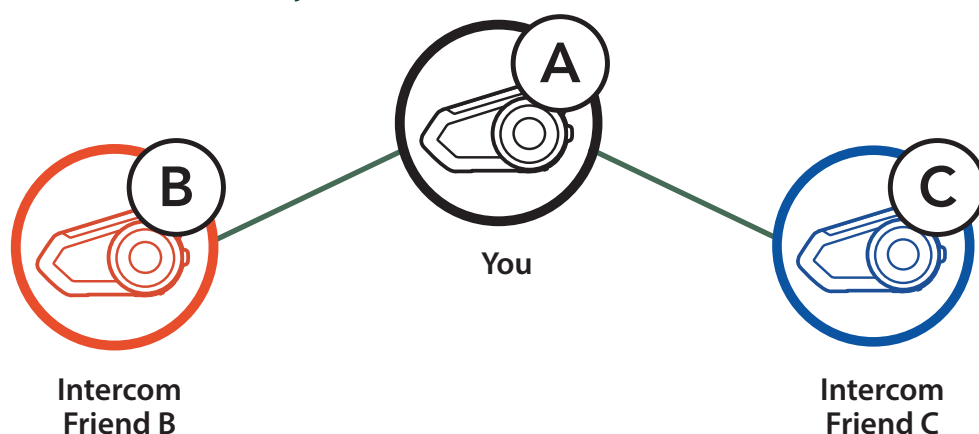
Intercom Friend C

8.3.2 Starting a Four-Way Intercom Conference

With three **Intercom Friends** connected, a new participant **(D)** can make it a **Four-Way Intercom Conference** by making an intercom call to either **(B)** or **(C)**.

Starting a Four-Way Intercom

Intercom Friend B

YOU

Intercom Friend C

Intercom Friend D

8. BLUETOOTH INTERCOM SETUP

8.3.3   Ending Multi-Way Intercom

1. Press the **Jog Dial** for **1 second** until you hear a beep to terminate all intercom connections.

2. Tap the **Jog Dial** to disconnect from your first **Intercom Friend**. Double tap the **Jog Dial** to disconnect from your second **Intercom Friend**.

8.4   Three-Way Conference Phone Call with Intercom Users

You can have a **Three-Way Conference Phone Call** by adding an **Intercom Friend** to the mobile phone conversation.

1. During a mobile phone call, tap the **Jog Dial once, twice or, three times** to invite one of your **Intercom Friends** to the conversation.

Invite an Intercom Friend into Phone Conference (ADD AN INTERCOM FRIEND DURING CALL)

TAP
1x

or

TAP
2x

or

TAP
3x

8. BLUETOOTH INTERCOM SETUP

2. To disconnect the intercom during a conference phone call, tap the **Jog Dial once, twice or three times**.

Disconnect Intercom Friend from Conference

TAP 1x

or

TAP 2x

or

TAP 3x
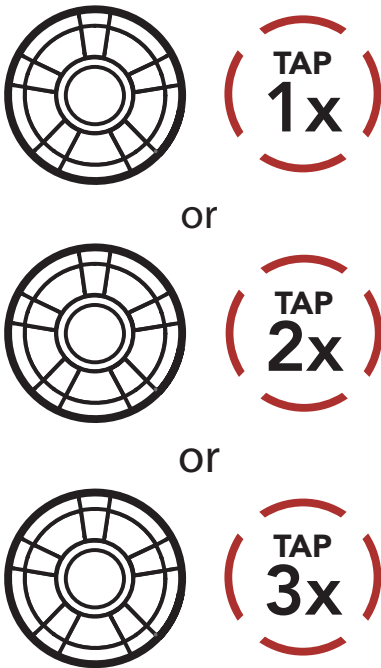
3. To disconnect the mobile phone call during a conference phone call, tap the **Phone Button**.

End Phone Call from Conference

P   TAP 1x

NOTE

- When you have an incoming intercom call during a mobile phone call, you will hear high tone double beeps.

8. BLUETOOTH INTERCOM SETUP

8.5   Group Intercom

Group Intercom allows you to instantly create a **Multi-Way Conference Intercom** with three of the most recently paired headsets.

1. Go through intercom pairing with up to three headsets you want to have **Group Intercom** with.

2. Press the **Ambient Mode Button** for **1 second** to begin **Group Intercom**. The LED will flash green and you will hear a voice prompt, "**Group intercom**".

Start Group Intercom

A   HOLD 1s

"Group intercom"

3. When all of the headsets are connected together, everyone will hear the voice prompt, "**Group intercom connected**".

"Group intercom connected"

Status LED	Indication
	🟢🟢🟢 • • •
	Green LED Flashing

8. BLUETOOTH INTERCOM SETUP

4. To terminate **Group Intercom**, press the **Ambient Mode Button** for **1 second** during **Group Intercom**. You will hear a voice prompt, "**Group intercom terminated**".

End Group Intercom

A   HOLD 1s

"Group intercom terminated"

8.6 Mesh Intercom Conference with Bluetooth Intercom Participant

Users can use the existing Bluetooth intercom and **Mesh Intercom** function at the same time. In this case, it is recommended to communicate with other KENWOOD/Sena headsets via Bluetooth intercom connection and use **Mesh Intercom** between KCA-HX5M headsets. A user who is in **Open Mesh** or **Group Mesh** when using **Mesh Intercom** is able to include up to 3 of their Bluetooth intercom friends. You can start a Two-Way Intercom conversation with one of your three Intercom Friends to include them in the Mesh. Please refer to **Section 8.2: "Two-Way Intercom**" for more details. Or, you can use "Group Intercom" to include all of your Bluetooth intercom friends in the Mesh. Please refer to **Section 8.5: "Group Intercom"** for more details.

8. BLUETOOTH INTERCOM SETUP

NOTE

- The audio quality will be reduced if a **KCA-HX5M** connects to 2 or more Bluetooth intercom friends while in **Open Mesh** or **Group Mesh** when using **Mesh Intercom**.

- If a closed loop is created, as shown below, each user will experience severe noise issues. KENWOOD/Sena recommends that a closed loop not be created.

KENWOOD/Sena Headset

KCA-HX5M　　　　　　**KCA-HX5M**

—— **Mesh Intercom**
····· **Bluetooth Intercom**

8. BLUETOOTH INTERCOM SETUP

NOTE

· If **Bluetooth intercom** is accidentally turned on during **Mesh Intercom** communication between **KCA-HX5M** headsets, as shown below, you will hear a voice prompt, "**Mesh intercom disabled, Bluetooth intercom connected**" every **1 minute**. If you turn off the Bluetooth Intercom or turn off the **Mesh Intercom**, the voice prompt will no longer come out.

KCA-HX5M

KCA-HX5M   **KCA-HX5M**

—— Mesh Intercom
····· Bluetooth Intercom

8.7 Universal Intercom

Universal Intercom allows you to have intercom conversations with users of non-KENWOOD/Sena Bluetooth headsets. You can pair your headset with only one non-KENWOOD/Sena headset at a time. The intercom distance depends on the performance of the Bluetooth headset to which it's connected. When a non-KENWOOD/Sena Bluetooth headset is paired with the KENWOOD/Sena headset, if another Bluetooth device is paired via **Second Mobile Phone Pairing**, it will be disconnected.

8. BLUETOOTH INTERCOM SETUP

1. Execute **Universal Intercom** in the **Headset Configuration Menu**.

Access Universal Intercom in the Configuration Menu

Access config. Menu
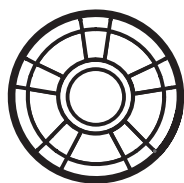
HOLD **10s**

"Configuration menu"

NAVIGATE FORWARD

"Universal intercom pairing"

EXECUTE

P

TAP **1x**
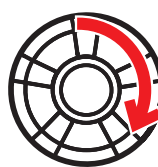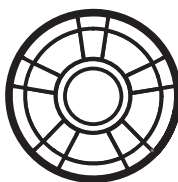
2. Put the non-KENWOOD/Sena Bluetooth headset in Pairing Mode. The headset will automatically pair with a non-KENWOOD/Sena Bluetooth headset.

8. BLUETOOTH INTERCOM SETUP

3. You can have **Two-Way Intercom** or **Multi-Way Intercom** communication with up to three **Intercom Friends** using non-KENWOOD/Sena headsets by following the procedures described below.

Example of a Three-Way Universal Intercom

You

Non-KENWOOD/
Sena Headset

KENWOOD/Sena
Headset
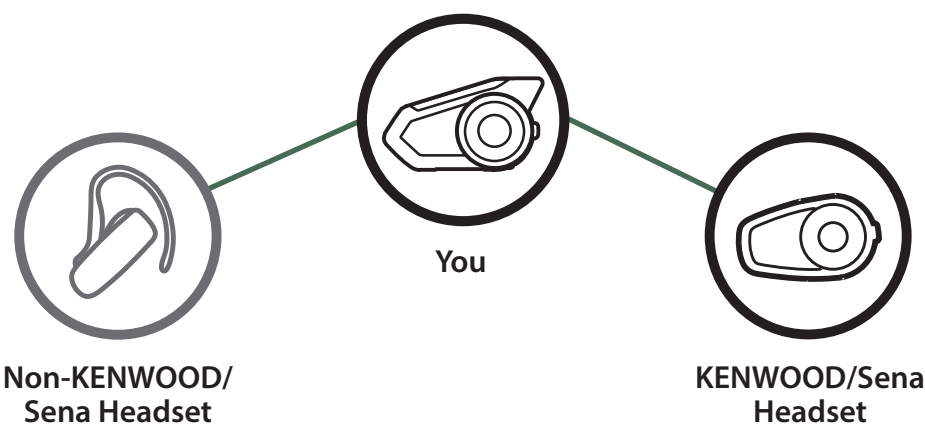
Example of a Four-Way Universal Intercom
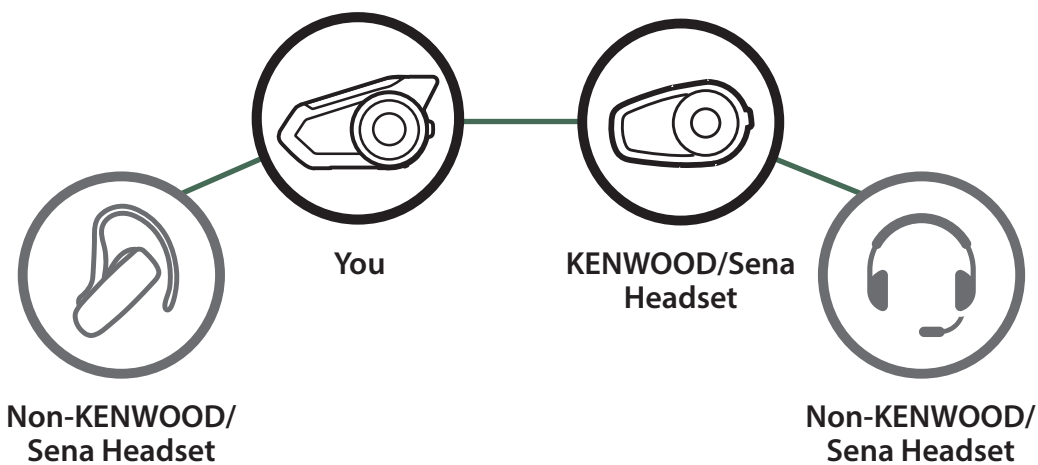
You

KENWOOD/Sena
Headset

Non-KENWOOD/
Sena Headset

Non-KENWOOD/
Sena Headset

MENU

8. BLUETOOTH INTERCOM SETUP

8.8   VOX Intercom (Default: Disable)

The **VOX Intercom** setting can be found in the settings menu, accessible through **Intercom Device Manager for KENWOOD** or **MESH Utility for KENWOOD**.

If **VOX Intercom** is enabled, you can initiate an intercom conversation with the last connected intercom friend by voice. When you want to start intercom, say a word such as **"Hello"** loudly or blow air into the microphone. If you start an intercom conversation by voice, the intercom terminates automatically when you and your intercom friend remain silent for 20 seconds. However, if you manually start an intercom conversation by tapping the **Jog Dial**, you have to terminate the intercom conversation manually.

However, if you start the intercom by voice and end it manually by tapping the **Jog Dial**, you will not be able to start intercom by voice temporarily. In this case, you have to tap the **Jog Dial** to restart the intercom. This is to prevent repeated unintentional intercom connections by strong wind noise. After rebooting the headset, you can start the intercom by voice again.

8. BLUETOOTH INTERCOM SETUP

8.9   Intercom VOX Sensitivity (Default: 3)

The **Intercom VOX Sensitivity** setting can be found in the settings menu, accessible through **Intercom Device Manager for KENWOOD** or **MESH Utility for KENWOOD**.

The sensitivity can be adjusted depending on your riding environment. Level 5 is the highest sensitivity setting and 1 is the lowest.

8.10 HD Intercom (Default: Enable)

The **HD Intercom** setting can be found in the settings menu, accessible through **Intercom Device Manager for KENWOOD** or **MESH Utility for KENWOOD**.

HD Intercom enhances the two-way intercom audio from normal quality to HD quality. **HD Intercom** will become temporarily disabled when you enter into a multi-way intercom. If this feature is disabled, the two-way intercom audio will change to normal quality.

> **NOTE**
> • The intercom distance of HD Intercom is relatively shorter than that of normal intercom.

8.11 Advanced Noise Control™ (Default: Enable)

The **Advanced Noise Control** setting can be found in the settings menu, accessible through **Intercom Device Manager for KENWOOD** or **MESH Utility for KENWOOD**.

If **Advanced Noise Control** is enabled, background noise is reduced during intercom conversations.

If **Advanced Noise Control** is disabled, the background noise is mixed with your voice while using the intercom.

9. AUDIO MULTITASKING

Audio Multitasking Settings

Intercom-Audio Overlay Sensitivity

Audio Overlay Volume Management

Audio Multitasking allows you to have an intercom conversation while simultaneously listening to music, FM radio, or GPS instructions. The overlaid audio is played in the background with reduced volume whenever there is an intercom conversation and will return to normal volume once the conversation is finished. The Audio Multitasking feature can be configured through the **Intercom-Audio Overlay Sensitivity** and the **Audio Overlay Volume Management** settings.

9.1 Audio Multitasking Settings

The Mesh Intercom Audio Multitasking feature is always on. The **Bluetooth Intercom Audio Multitasking (Default: Disabled)** setting can be found in the settings menu, accessible through the **Intercom Device Manager for KENWOOD** or the **MESH Utility for KENWOOD**.

> **NOTE**
> 1. **Bluetooth Intercom Audio Multitasking** will be activated during two-way intercom conversations with a headset that also supports this feature.
> 2. HD Intercom will become disabled temporarily when **Bluetooth Intercom Audio Multitasking** is enabled.
> 3. For **Bluetooth Intercom Audio Multitasking** to work properly, you need to power the headset off and on. Please restart the headset.
> 4. Some GPS devices may not support this feature.

9. AUDIO MULTITASKING

9.2 Intercom-Audio Overlay Sensitivity (Default: 3)

The **Intercom-Audio Overlay Sensitivity** setting can be found in the settings menu, accessible through **Intercom Device Manager for KENWOOD** or **MESH Utility for KENWOOD**. The music, FM radio and GPS volume 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.

> **NOTE**
> • If your voice is not louder than the sensitivity of the selected level, the overlaid audio will not be lowered.

9.3 Audio Overlay Volume Management (Default: Disable)

The **Audio Overlay Volume Management** setting can be found in the settings menu, accessible through **Intercom Device Manager for KENWOOD** or **MESH Utility for KENWOOD**. The music, FM radio and GPS 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 intercom conversation.
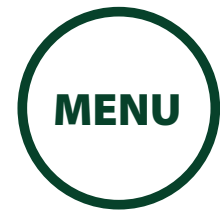
10. USING THE FM RADIO

10.1 FM Radio On/Off

To turn on or shut off the FM radio, press the **Phone Button** for **1 second** until you hear a double beep.

FM Radio On

P HOLD 1s

"FM on"

FM Radio Off

P HOLD 1s

"FM off"

10. USING THE FM RADIO

10.2 Seek and Save Radio Stations

The **"Seek"** feature searches for radio stations.

1. Rotate while pressing the **Jog Dial** clockwise or counterclockwise to search for radio stations.

Seek Stations Forward

Seek Stations Backward

2. To save the current station, press and hold the **Jog Dial** for **1 seconds** until you hear the voice prompt, **"Preset (#)"**.

Enter Preset Selection Mode

HOLD
1s

"Preset (#)"

10. USING THE FM RADIO

3. Rotate the **Jog Dial** to navigate through the preset numbers that you want to store.

Navigate Forward through Preset Stations

Navigate Backward through Preset Stations

4. Tap the **Jog Dial** to save the station in the preset number you choose. Or, tap the **Phone Button** to delete the station from memory.

Save Station to the Preset Number

TAP
1x

Delete Station from Memory

P

TAP
1x

10. USING THE FM RADIO

10.3 Scan and Save Radio Stations

The **"Scan"** function automatically searches for radio stations, starting with the current station's frequency, then up from there.

1. Double tap the **Phone Button** to scan for stations.

Scan and Save Radio Stations (START SCANNING)

P TAP 2x

2. The tuner pauses at each station it finds for **8 seconds** before moving to the next.

3. To save the current station, tap the **Phone Button**. The station will be saved as the next preset number.

Save the Current Station

P TAP 1x

"Save preset (#)"

4. To stop scanning, double tap the **Phone Button**.

Stop Scanning

P TAP 2x

10. USING THE FM RADIO

10.4 Temporary Station Preset

The **Temporary Preset** feature automatically finds and saves the nearest 10 radio stations without changing your existing preset stations.

1. Tap the **Phone Button** three times to automatically find and save 10 stations.

Temporary Stations

P   TAP 3x

2. The temporary preset stations will be cleared when the headset reboots.

10.5 Navigating Preset Stations

Using the methods above, up to 10 radio stations can be stored. Tap the **Phone Button** to navigate through the saved stations.

Navigate through Preset Stations

P   TAP 1x

> **NOTE**
> - You can use the **Intercom Device Manager for KENWOOD** or the **MESH Utility for KENWOOD** to save the preset stations.

10. USING THE FM RADIO

10.6 Region Selection

You can select the proper FM frequency range for your location from the **Intercom Device Manager for KENWOOD** or the **MESH Utility for KENWOOD**. Using the region setting, you can optimize the seek function to avoid unnecessary frequency ranges.

Region	Frequency range	Step
Worldwide	76.0 – 108.0 MHz	± 100 kHz
North America, South America and Australia	87.5 – 107.9 MHz	± 200 kHz
Asia and Europe	87.5 – 108.0 MHz	± 100 kHz
Japan	76.0 – 95.0 MHz	± 100 kHz

10. USING THE FM RADIO

## 10.7 Radio Data System (RDS) Alternative Frequency (AF) Setting (Default: Disable)

The **RDS AF** setting can be found in the settings menu, accessible through **Intercom Device Manager for KENWOOD** or **MESH Utility for KENWOOD**.

When radio station signals get too weak for a good reception, with **RDS AF** enabled, the radio receiver re-tunes to a station with better reception. If **RDS AF** is disabled, you'll have to find stronger stations manually.

10.8 FM Station Guide (Default: Enable)

The **Station Guide** setting can be found in the settings menu, accessible through **Intercom Device Manager for KENWOOD** or **MESH Utility for KENWOOD**.

When **FM Station Guide** is enabled, FM station frequencies are given by voice prompts as you select preset stations. When **FM Station Guide** is disabled, the voice prompts on FM station frequencies will not be given as you select preset stations.
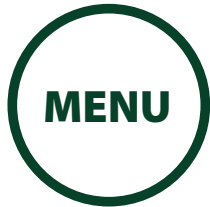
11. AMBIENT MODE

You can hear the ambient sound outside of your helmet by activating the **Ambient Mode**. To activate the **Ambient Mode**, press the **Ambient Mode Button** twice which is placed on the bottom of the clamp unit. To deactivate the **Ambient Mode**, press the **Ambient Mode Button** twice again.

Ambient Mode

START/STOP

| A |

TAP
2x

> **NOTE**
> • The **Ambient Mode** has higher priority than mobile phone, so you cannot listen to music, or have an intercom conversation if the **Ambient Mode** is activated.
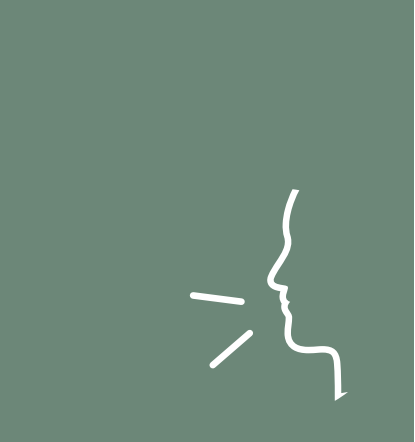
12. VOICE COMMAND

Voice Command Setting

The voice command of the headset allows you to operate certain operations by simply using your voice. You can control the headset completely handsfree using the voice recognition. The voice command function works only with English commands.

Start Voice Command

A

TAP
1x

Speak a voice command from the table below:

Mode Status	Function	Voice Command
Standby / Intercom	Start/End each Intercom	"Intercom [one]/ [two]/ [three]"
	End all intercoms	"End intercom"
	Call last intercom	"Last intercom"
	Group intercom	"Group intercom"
	Intercom pairing	"Pairing intercom"
	Cancelling operations	"Cancel"
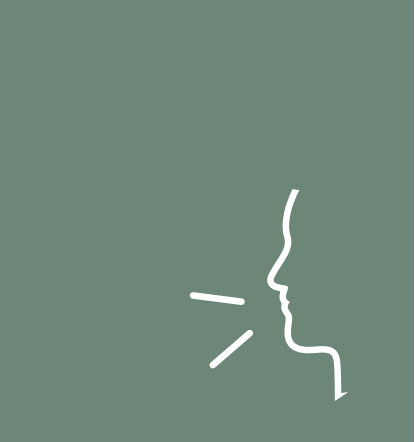
12. VOICE COMMAND

Voice Command Setting

Mode Status	Function	Voice Command
Standby / Music / FM Radio	Play/Pause music	"Music" or "Stereo"
	Turn on/off FM radio	"FM radio"
	Check battery	"Check battery"
	Speed dialing	"Speed dial [one]/ [two]/ [three]"
	Redial the last call	"Redial"
	Check connected devices	"Connected devices"
	Configuration menus	"Configuration"
Music / FM Radio	Next track (music) / next preset (FM radio)	"Next"
	Previous track (music) / previous preset (FM radio)	"Previous"
	Stop music / FM radio	"Stop"
Standby / Mesh Intercom	Mesh intercom On/Off	"Mesh intercom"
	End the Bluetooth and Mesh intercom	"End intercom"

12. VOICE COMMAND

Voice Command Setting

| NOTE |
| --- |
| • Voice command performance may vary based on the environmental conditions including riding speed, helmet type and ambient noise. To improve the performance, minimize wind noise on the microphone by using a large microphone sponge and closing the visor.
• To activate the voice command during intercom conversation, tap the **Ambient Mode Button** once. |

12.1 Voice Command Setting (Default: Enable)

A **Voice Command** setting can be found in the settings menu, accessible through **Intercom Device Manager for KENWOOD** or **MESH Utility for KENWOOD**.

When **Voice Command** is enabled, you can use your voice to give a command the headset operate certain operations completely handsfree. If **Voice Command** is disabled, you will need to operate all of the functions using the buttons on the headset.

13. GENERAL SETTINGS

13.1 Function Priority

The headset prioritizes connected devices in the following order:

(highest)	Ambient Mode
	Mobile phone
	Voice command mode
	Mesh Intercom / Bluetooth Intercom
	Music sharing via Bluetooth stereo
	FM radio
	Stereo music by audio cable
(lowest)	Bluetooth stereo music

A lower-priority function gets interrupted by a higher-priority function. For example, stereo music will be interrupted by an **Intercom Conversation**; an **Intercom Conversation** will be interrupted by an incoming mobile phone call.

13.2 Firmware Upgrades

The headset supports firmware upgrades. You can upgrade the firmware using the **Intercom Device Manager for KENWOOD**.
Please visit www.kenwood.com/cs/ce/ to check for the latest software downloads.

Click Here to Visit www.kenwood.com/cs/ce/

13. GENERAL SETTINGS

13.3 Voice Prompts (Default: Enable)

A **Voice prompt** setting can be found in the settings menu, accessible through **Intercom Device Manager for KENWOOD** or **MESH Utility for KENWOOD**.

If **Voice prompt** is enabled, you can hear **Voice prompts** for different kinds of features. If **Voice prompt** is disabled, **Voice prompts** are silenced except for those in the Configuration Menu, battery level indication, speed dial, and FM radio functions.

13.4 Sidetone (Default: Disable)

A **Sidetone** setting can be found in the settings menu, accessible through **Intercom Device Manager for KENWOOD** or **MESH Utility for KENWOOD**.

Sidetone is the sound of your own voice as picked up by your headset's microphone and reproduced in your own ear, by your own speaker. It helps you to naturally speak at the correct level according to varying helmet noise conditions. If this feature is enabled, you can hear what you are speaking during an intercom conversation or a phone call.

13. GENERAL SETTINGS

13.5 Delete All Bluetooth Pairing Information

A **Delete All Bluetooth Pairing Information** setting can be found in the **Headset Configuration Menu**.

Tap the **Phone Button** when in this menu to **Delete All Bluetooth Pairing Information** stored in the headset.

Access Delete All Pairings in the Confi guration Menu

Access config. Menu

HOLD 10s
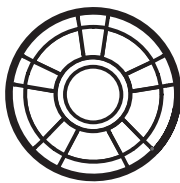
"Configuration menu"

NAVIGATE FORWARD

"Delete all pairings"

EXECUTE

P

TAP 1x
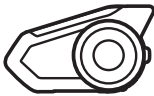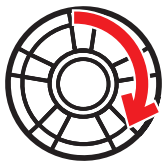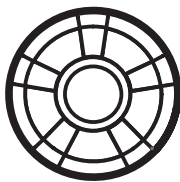
13. GENERAL SETTINGS

13.6 Pairing with the Remote Control

You can remotely control the headset using Sena Remote Control devices (sold separately).

1. Turn on the headset and the Remote Control device.

2. Execute **Remote Control Pairing** in the **Headset Configuration Menu**.

Access Remote Control Pairing in the Configuration Menu

Access config. Menu

HOLD
10s

"Configuration menu"

NAVIGATE FORWARD

"Remote control pairing"

EXECUTE

P

TAP
1x

13. GENERAL SETTINGS

3. Enter pairing mode in the Remote Control device. The headset will automatically connect with the Remote Control device in pairing mode. You will hear a voice prompt, **"Remote control connected"**, when they are successfully paired.

Enter Pairing Mode

Remote control

Enter Pairing Mode on Remote Control.
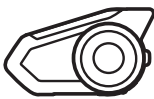
"Remote control connected"

!

14. APPENDIX

14.1 Fault Reset

When the headset is not working properly, you can easily reset the unit:

1. Locate the pinhole reset button below on the back of the main unit.

2. Gently insert a paperclip into the hole and tap the **Fault Reset Button** with light pressure.

TAP
1x
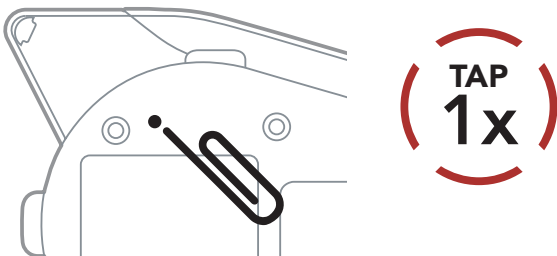
3. The headset will shut down.

> **NOTE**
> • Fault Reset will not restore the headset to factory default settings.

14. APPENDIX

14.2 Factory Reset
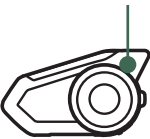
To erase all of your settings and start fresh, the headset can be restored to factory default settings using the **Factory Reset** feature.

FACTORY RESET

P   **HOLD 10s**

"Factory Reset"

Status LED	Indication
	🔴
	Solid red

TAP 1x within 5 s

"Headset reset, good-bye"

NOTE

• If you press the **Phone Button** or don't press the **Jog Dial** within **5 seconds**, the reset attempt is canceled and the headset returns to standby mode. You will hear a voice prompt saying **"Canceled"**.

!

14. APPENDIX

14.3 Specifications

Fault Reset

Factory Reset

Specifications

Bluetooth section
- Technology: Bluetooth Ver.4.1
- Profile:
  HSP (Headset Profile)
  HFP (Hands Free Profile)
  A2DP (Advanced Audio Distribution Profile)
  AVRCP (Audio/Video Remote Control Profile)

Intercom section
- Working Distance*:
  Bluetooth Intercom: up to 2.0 km (1.2 miles) in open terrain
  Mesh Intercom: up to 2.0 km (1.2 miles) in open terrain
  * Approximate straight line-of-sight distance. It may be shorter depending on the topography or weather.
- Supports up:
  Bluetooth Intercom: 4 riders
  Group Mesh: 24 riders
  Open Mesh: unlimited

Audio section
- Noise Cancellation: Advanced Noise Control™
- FM Radio:
  Radio frequency specifications: 76 – 108 MHz
  10 preset station memory

General
- Talk time:
  Bluetooth intercom: 13 hours
  Mesh intercom: 8 hours
- Operating Temperature: -10 – +55˚C (14 – 131°F)
- Dimensions (W × H × D)
  Main module: 102 × 56 × 27 mm (4.0 × 2.2 × 1.1 in)
  Speaker Driver Unit: 40 mm – thickness 6.5 mm
- Weight:
  Main module: 61 g (2.15 oz)
- Battery:
  Charging time: 1.5 hours
  Type: Lithium Polymer Battery

Specifications are subject to change without prior notice.

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