SENA

# R1

## SMART CYCLING HELMET




MENU

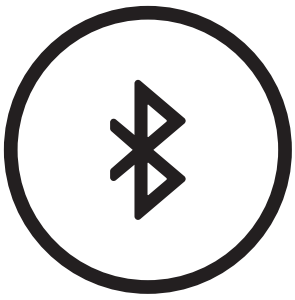
# CLICK ANY SECTION TO BEGIN



ABOUT THE HELMET



GETTING STARTED



PAIRING WITH DEVICES



MOBILE PHONE USAGE



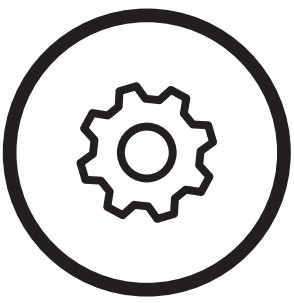
STEREO MUSIC



BLUETOOTH INTERCOM



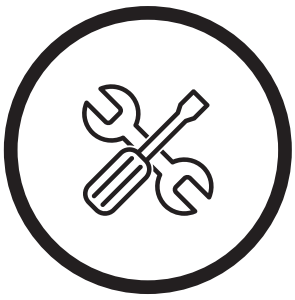
USING THE FM RADIO



GENERAL SETTINGS

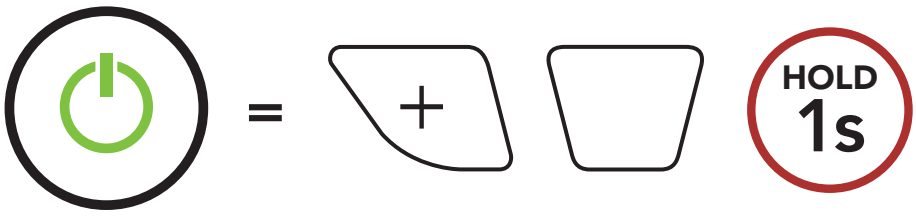


TROUBLE-SHOOTING



MAINTENANCE AND CARE

# LEGEND:




Function = Button(s) to **Tap or Hold**




**Tap** button the specified number of times




**Press and Hold** button for the specified amount of time



*"Hello"*

**Audible prompt**

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# SAFETY PRECAUTIONS

Please ensure that the product is properly used by observing the safety precautions below to prevent any risk of serious injury, death and/or damage to property.

## Hazard alert signal words

The following safety symbols and signal words are used in this manual.

⚠ **WARNING:** Indicates a potential hazardous situations that, if not avoided, could result in death or serious injury.

⚠ **CAUTION:** Indicates a potential hazardous situation that, if not avoided, could result in minor or moderate injury.

***NOTICE*:** Indicates information considered important, but not hazard-related. If not avoided, it could cause damage to your product.

## Product Use

Observe the following precautions to avoid injury or damage to your product while using the product.

### ⚠ WARNING

- Bicycling is associated with particular risks and dangers for the rider. These risks and dangers can be reduced, but not eliminated completely, by wearing a helmet. It is impossible to state precisely what the protective effect of a helmet will be in the event of an accident. Safe riding techniques, adapted to the particular road and weather conditions, are essential for your safety.
- Do not wear a helmet while climbing trees, in play areas, on playground equipment, or, at any time while not riding a bicycle. Failure to follow this warning could result in serious personal injury, death or death by strangulation.
- Your helmet will not protect against injury in all types of accidents. Even while wearing a helmet, low speed accidents may result in serious head injury or death.
- Careless use of the product on the road is risky and may result in serious injury, death or damage. You must heed all safety precautions in all documents that come with this product. This will help minimize the chance these risks may occur while riding.

### ⚠ CAUTION

- For maximum protection, this helmet must be fitted and attached properly to the rider's head according to the User's Guide.
- Position the helmet on your head with the front covering your forehead. If the helmet is tipped back and is not covering your forehead then the helmet is not in the proper position.



- The protective capability of your helmet will diminish over time, dependent upon many factors such as physical damage, exposure to pollution, harmful chemicals and long term exposure to the sun. Sena recommends that the helmet be replaced after five years. Although the shell is in principle capable of a longer service life, the occurrence of material fatigue and wear to other components, as well as the overall action of the helmet and the unknown conditions in which the helmet has been used, make it advisable for your own safety to replace the helmet after this period of use.
- Do not use product for extreme uses such as downhill racing at high speeds, jumping or leaping with a fully suspended bicycle, snow sports, water sports, motor sports, street hockey, playground activities, or other activities where face, ear, or greater protection or coverage is desired.
- The safety helmet is designed to absorb only one impact and damage from an impact is rarely visible from the outside. It is therefore essential to replace the helmet after a fall, accident or other violent impact. Such helmet should be returned to original place of purchase for inspection, or destroyed and replaced. In the event of any impact, do not use this helmet.
- Any helmet that has been subjected to a violent impact should be replaced.
- To provide maximum protection, the helmet must fit properly on the head and its chinstrap securely fastened under the chin.
- Always fasten the chinstrap before setting off and check that the buckle system and straps are correctly in position.
- Never ride with the buckle unfastened or incorrectly adjusted. The chinstrap must be correctly positioned and must not come loose when pulled.
- No helmet provides absolute protection from all conceivable impacts. This helmet has been specially developed for bicycle riding and is unsuitable for other purposes.
- Examine the helmet for damage at regular intervals. Small scratches will not impair the protective function of your helmet.
- Check for proper fit and adjustment often, including each time you wear it, and periodically during use.
- Always make sure the buckle is properly fastened and the loose end of the chinstrap is tucked through the rubber “O” ring before you ride. Failure to follow this instruction could result in serious personal injury.
- The helmet safety mechanism described above can also cause small cracks in the shell when the helmet is dropped from a small height (less than 1 meter).
- Use of the product at a high volume for a long period of time may damage your eardrums or hearing ability.
- Do not wear anything underneath your helmet, such as a cap, hood, bundled hair, headphones, or barrettes, as the helmet may loosen or come off. Do not wear anyone else’s helmet and don’t loan your helmet to anyone else.
- When relevant, follow all regulations regarding the use of the camera.
  (1) Do not use your camera in an aircraft, unless permitted.
  (2) Turn off the camera when you are near medical equipment. Your camera can cause interference with medical devices in hospital or healthcare facilities.

- The camera generates a low level magnetic field. Keep a safe distance between the camera and cardiac pacemakers to avoid potential interference. Turn off the camera immediately if your camera indicates interference with a pacemaker and contact the pacemaker manufacturer or a physician.
- Avoid interference with other electronic devices. Your camera generates a low level magnetic field that may interfere with unsealed or improperly shielded electronic equipment in homes or vehicles. Consult the manufacturers of your electronic devices to resolve any interference problems you experience.
- Never use a damaged memory card. This may result in electric shock, camera malfunction, or fire.

***NOTICE***

- In some regions, it is prohibited by law to ride bicycles while wearing headsets or earbuds. Therefore, be certain you are aware of all relevant laws in the region where you are using the product and are sure that you comply with them.
- Do not use the product in high-temperatures or apply heat to the product as this may cause damage, explosion, or fire.
- Do not use heat damaged helmets. Heat damaged helmets will appear to have uneven or have bubbly surfaces.
- If the product emits an unusual smell, feels hot, or appears abnormal in any other way while using or charging, stop using it immediately. It may cause damage, explosion, or fire. Contact your sales location if any of these problems are observed.
- Do not attach anything to your helmet, including mirrors or lights.
- Keep product away from pets or small children. They may damage the product.
- Do not cause impact to the product or touch it with sharp tools as this may damage the product.
- In any place where wireless communication is prohibited, such as hospitals or airplanes, turn off the power. In a place where wireless communication is prohibited, electromagnetic waves may cause hazards or accidents.
- Do not use the product near hazardous explosives. When it is near any explosion hazards, turn off the power and heed any regulations, instructions, and signs in the area.
- Any changes or modifications to the helmet not expressly approved by the party responsible for compliance could void the limited warranty to operate the helmet.
- High internal temperature may result in noisy photos. This is not a malfunction and does not affect your camera's overall performance.
- Check that the camera is operating properly in advance. Any file loss or camera damage caused by camera malfunction or improper use is not covered under warranty.

## Battery

Your product has a built-in battery. Be careful to heed all safety information in this guide. Failure to carefully observe the safety precautions can cause battery heat generation, bursting, fire and serious personal injury.

### ⚠ WARNING

- Do not use the product in direct sunlight for a long period of time. Doing so can damage the product and generate heat that can cause burns.
- Do not use or store the product inside cars in hot weather. It may cause the battery to generate heat, rupture, or ignite and cause serious injury.
- Do not continue charging the battery if it does not recharge within the specified charging time. Doing so may cause the battery to become hot, explode, or ignite and cause serious injury.
- Do not leave the product near open flames. Do not dispose of the product in a fire. It may cause the battery to become hot, explode, or ignite and cause serious injury.
- Never attempt to charge a battery with the charger which has been physically damaged. It may cause explosion and/or accidents.

### *NOTICE*

- Battery life may vary depending on conditions, environmental factors, functions of the product in use, and devices used with it.

## Product Storage and Management

Take the following precautions to avoid personal injury or damage to your product while storing and maintaining the product.

### ⚠ CAUTION

- Do not dispose of the product with household waste. The built-in battery is not to be disposed of in municipal waste stream and requires separate collection. Disposal of the product should be done in accordance with the local regulations.
- Never leave the product with the lens facing the direct sunlight. Doing so may result in a fire due to the sunlight being concentrated by the lens.

### *NOTICE*

- Keep the product free of dust. Dust may damage mechanical and electronic parts of the product.
- The product should be stored at room temperature. Do not expose the product to extremely high or low temperature as this may reduce the life span of electronic devices, damage the battery, and/or melt plastic parts of the product.
- Do not clean the product with motor fuel, thinners, cleaning solvents, toxic chemicals, or strong detergents as this may damage the product. Make sure the helmet does not come into contact with such substances, even for cleaning purposes as these substances can destroy the structure of the shell.
- Do not paint the product. Paint may obstruct moving parts or interfere with the normal operation of the product.
- Do not drop or otherwise shock the product. It may damage the product or its internal electronic circuits.
- Do not disassemble, repair or modify the product as this may damage the product and invalidate the product warranty.
- Do not store the product in humid environments, especially for long periods of time. It may damage the internal electronic circuits.

- Original components should not be altered or removed. The fitting of additional parts from other manufacturers that have not been recommended can reduce the protective effect and renders the certification specified under the section labeled “Helmet Certification” and all warranty and insurance claims invalid.
- Battery performance will deteriorate over time if stored for a long period of time without being used.
- Do not store the camera in proximity to magnetic fields. Doing so may result in camera malfunction.
- Be careful to protect the lens by avoiding rough handling or physical shock.
- Wipe the surface of the lens with a soft cloth in the following situations:
  (1) When there are fingerprints on the lens surface.
  (2) When the lens is used in hot or humid environments, such as near oceans or rivers.
- Store the product in a well-ventilated room to protect the lens from dirt and dust.

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# 1. ABOUT THE R1 SMART CYCLING HELMET

## 1.1 General Information

This product is a bicycle helmet. Do not use it for any other purpose than riding a bicycle. If you use the helmet for anything else, it may not provide sufficient protection in an accident.

Sena recommends that you choose a helmet which provides the most coverage, as a helmet that covers more of your head may provide additional protection. Always wear your bicycle helmet low in the front to protect the forehead, as this area is most likely to be impacted in a bicycle crash. Make sure the helmet fits comfortably and is tightly fastened at all times.

**⚠ WARNING**

- Your helmet will not protect against injury in all types of accidents. Even while wearing a helmet, low speed accidents may result in serious head injury or death. A bicycle helmet will not protect against injuries to the spine, neck or face. In the event of any impact, do not use this helmet. There may be damage invisible to you, which may reduce the ability of the helmet to reduce the harmful effects of a blow to the head. Such helmet should be returned to Sena for inspection, or destroyed and replaced.
- Do not modify or remove any original part of the helmet. Do not use heat damaged helmets. Heat damaged helmets will appear to have uneven or have bubbly surfaces.
- This User's Guide and the stickers inside your helmet contain many instructions and warnings about your helmet. It is important for you to understand everything communicated in them before your first ride. If you do not, please contact your authorized Sena Retailer with any questions you may have. Failure to follow any of the provided instructions or warnings could void your warranty, and most importantly, could result in severe personal injury or death. If you are a parent or guardian and this helmet is for your child, please take the time to read this manual as you should make sure your child understands everything in this User's Guide.

**⚠ WARNING**

- For maximum protection, the helmet must fit properly on the head and its chinstrap securely fastened under the chin. With the retention system comfortably but firmly adjusted, the helmet should allow sufficient peripheral vision when secured. If the helmet is too large, it may move on your head while riding. If the helmet can be moved when pulled from the back in an upward and forward direction, then the helmet is not fitted properly. This could cause the helmet to obstruct your vision while riding or come off in an accident, resulting in personal injury or death. Please refer to **Section 1.4: "Wearing the Helmet"** for more details about properly securing and wearing your helmet.
- The contents of this helmet User's Guide are subject to change without notice. Its illustrations may differ from the actual product. The copyrights for the User's Guide belong to Sena Technologies, Inc. Reproduction or copying of the User's Guide without permission is strictly prohibited.

For United States Consumers, this helmet has been tested and certified to meet and exceed the Bicycle Safety Standard for Bicycle Helmets, 16 CFR Part 1203. A copy of this regulation can be obtained by visiting CPSC.gov. For European Consumers, this helmet has been tested and certified to meet and exceed European Committee for Standardization, CE EN1078. A copy of this regulation can be obtained by visiting CEN.eu.

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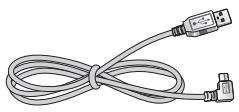
## 1.2 Product Details




| No. | Name |
|---|---|
| 1 | Microphone |
| 2 | Speakers |
| 3 | Bluetooth System's Button |

## 1.3 Package Contents

| | |
|---|---|
| Helmet |  |
| USB Power & Data Cable (Straight Micro USB type) |  |
| Helmet Pouch |   |

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## 1.4 Wearing the Helmet

### 1.4.1 How to Wear The Helmet

For proper use, the helmet must sit level on the head and low on the forehead. The Sena helmet uses a simple, quick-release buckle system that, once adjusted, can be buckled and unbuckled without changing the adjustment. For proper use, the straps must be tight and evenly tensioned.

To properly wear your helmet:

1. Position the helmet on your head with the front covering your forehead. If the helmet is tipped back and is not covering your forehead then the helmet is not in the proper position.




**⚠ WARNING:** Always wear the helmet in the proper position on your head with the front of the helmet covering your forehead for maximum protection. Never wear the helmet tipped back as the helmet will be in the improper position causing your forehead to be exposed. All fitment adjustments need to be made with the helmet in the proper position.

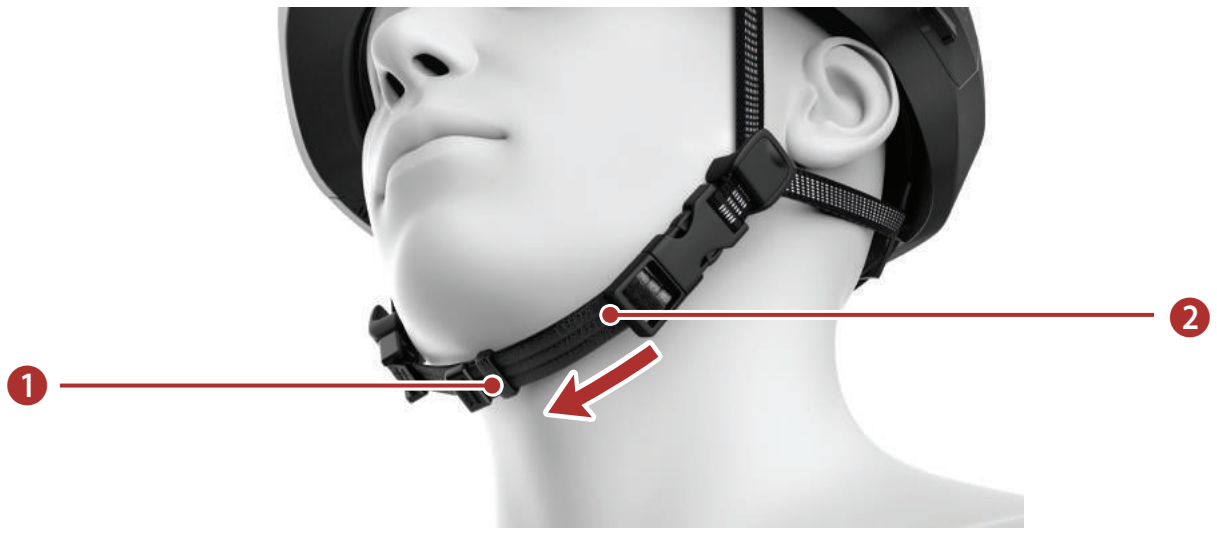
2. Position the strap adjuster centered, just below your ears.

3. Position the helmet low on your forehead with the buckle under the chin and back against the throat. The straps should fit comfortably around both ears.




| No. | Name |
|---|---|
| 1 | Buckle |
| 2 | Strap Adjuster |

4. With the strap adjuster in the proper position, adjust the chinstrap tension at the buckle. Adjust the tension so the chinstrap is tight and comfortable by pulling the chinstrap end through the buckle to either tighten or loosen as needed. Use the “O-Ring” to secure the excess strap. Always wear the helmet with the chinstrap buckle fastened and the chinstrap pulled tight and positioned back against the throat. With the strap buckled and the helmet positioned, you should feel the chinstrap pull firmly against your chin as you open your mouth. When properly adjusted the helmet will wrap around your head and cradle it with firm, but comfortable pressure.




| No. | Name |
|---|---|
| 1 | O-Ring |
| 2 | Chinstrap |

5. Your helmet is equipped with an adjustable retention system which helps stabilize the helmet in the correct position when you ride. When wearing the helmet, turn the retention system knob clockwise to tighten the helmet or counterclockwise to loosen the helmet.




| No. | Name |
|---|---|
| 1 | Retention System Knob |

6. To change the height of the retention system, firmly pull or push the retention system upward or downward to a different position.




| No. | Name |
|---|---|
| 1 | Retention System |

⚠ **WARNING:** For maximum protection, this helmet must be fitted and attached properly to the wearer's head in accordance with the following instructions. If after adjustment the helmet does not fit properly, do not use the helmet. Return it to the retailer or Sena.

## 1.4.2 Helmet Fitment Check

With the retention system knob turned clockwise until comfortably tight and the chinstrap buckled under the chin and back against the throat, grab the helmet with both hands and try to remove it by rolling the helmet forward and backward as far as you can. This is an important test to ensure that the helmet fits correctly. When you do this, you should feel the chinstrap pull against the underside of your chin and the helmet will resist any movement. If this isn't the case, tighten the chinstrap and try it again until this happens. If you cannot achieve the proper fit, DO NOT USE THIS HELMET. Replace it with a different size until the correct fit is achieved.

Also, for a proper **Helmet Fitment Check** if you can roll the helmet forward such that it blocks your vision or if you can roll the helmet backwards such that your forehead is not covered, tighten the chinstrap and the retention system and try again until you cannot roll the helmet forward or backwards.

**⚠ WARNING**

- Do not wear anything underneath your helmet, such as a cap, hood, bundled hair, headphones, or barrettes, as the helmet may loosen or come off. Do not wear anyone else's helmet and don't loan your helmet to anyone else.
- Always make sure the buckle is properly fastened before you ride. Failure to follow this instruction could result in serious personal injury, as the helmet may not stay in position while riding or during a fall. For proper use, make sure the loose end of the chinstrap is tucked through the rubber "O" ring.
- Check for proper fit and adjustment often, including each time you wear it, and periodically during use.
- This helmet has been designed for recreational bicycling. This helmet has not been approved and is not intended for extreme uses such as downhill racing at high speeds, jumping or leaping with a fully suspended bicycle, snow sports, water sports, motor sports, street hockey, playground activities, or other activities where face, ear, or greater protection or coverage is desired.
- Always wear a helmet when bicycling. When you get off your bicycle, remove your helmet. Do not wear a helmet while climbing trees, in play areas, on playground equipment, or, at any time while not riding a bicycle. Parents: Instruct children to follow this warning. Failure to follow this warning could result in serious personal injury, death or death by strangulation.

# 2. GETTING STARTED: BUILT-IN BLUETOOTH SYSTEM

## 2.1 Downloadable Sena Software

### 2.1.1 Sena Utility App

By simply pairing your phone with your Bluetooth system, you can use the **Sena Utility App** for quicker, easier setup and management.

- App Features
  - Music, Device settings, Quick Start Guide, and User's Guide.
- Download
  - Android: Google Play Store > **Sena Utility**
  - iOS: App Store > **Sena Utility**







### 2.1.2 Sena Device Manager

The **Sena Device Manager** allows you to upgrade the Bluetooth system's firmware and configure its settings directly from your PC or Apple computer. Using this software, you can assign speed dial presets, FM radio station presets and more. For more information on downloading the **Sena Device manager**, please visit **sena.com**.

**Click Here to Visit sena.com**

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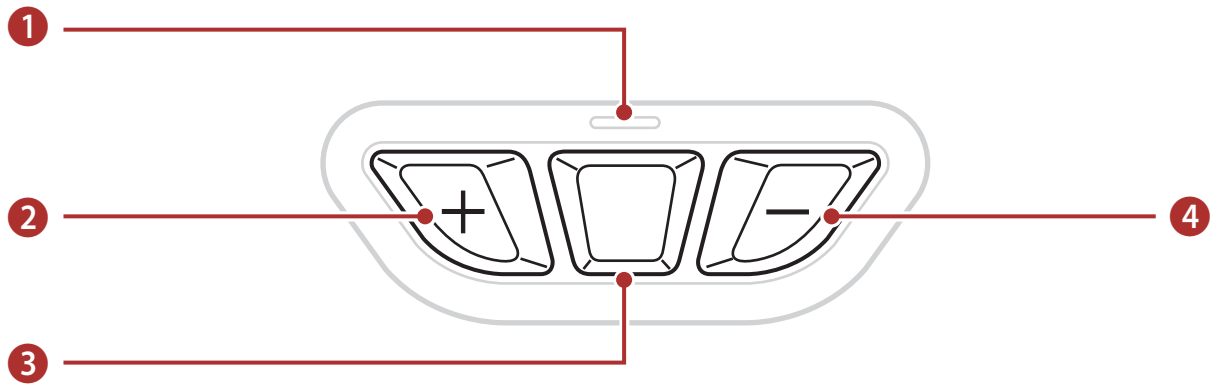
## 2.2 Button Function

### Bluetooth System's Buttons




| No. | Name | Function |
|---|---|---|
| 1 | Blue, Red and Green LED Lights | |
| 2 | (+) Button | • Increase Volume<br>• Track Forward<br>• Scan Radio Stations<br>• Speed Dial |
| 3 | Center Button | • Answer/End Phone Call<br>• Reject an Incoming Phone Call<br>• Start/End Intercom Conversation<br>• Play/Pause Music<br>• Enter Intercom Pairing Mode<br>• Enter Voice Configuration Settings |
| 4 | (-) Button | • Decrease Volume<br>• Track Back<br>• FM Tuner On/Off |

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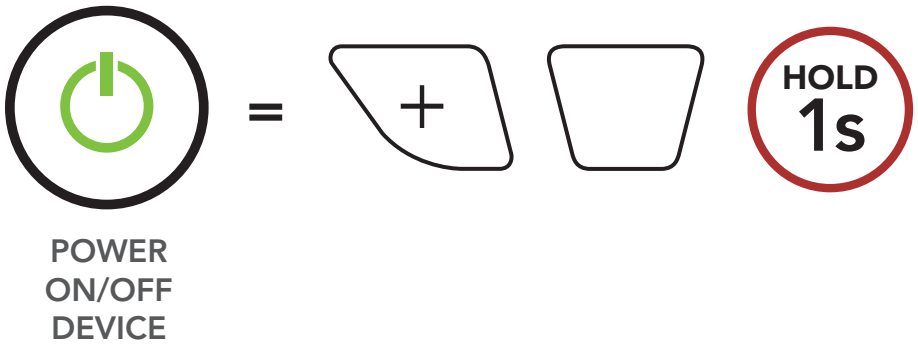
## 2.3 Powering On and Off

Press and hold the **Center Button** and the **(+) Button** at the same time for **1 second** to turn the Bluetooth system on or off.

**Powering On/Off**




## 2.4 Charging

**⚠ WARNING:** When charging the battery, use only the approved charger provided by the manufacturer. Use of a non-approved charger may cause fire, explosion, leakage, and other hazards which may also reduce the life time or performance of the battery.

The Bluetooth system can be charged using many common methods via the supplied USB power & data cable:

1. Plugged into a computer's USB port.
2. With a USB-equipped AC adapter via a wall-outlet charger.

**Note:**

- Please make sure to take off your helmet while charging. The Bluetooth system automatically turns off during charging.
- Any 3rd party USB charger can be used with Sena products if the charger is approved by either the FCC, CE, IC or other locally approved agencies that Sena accepts.

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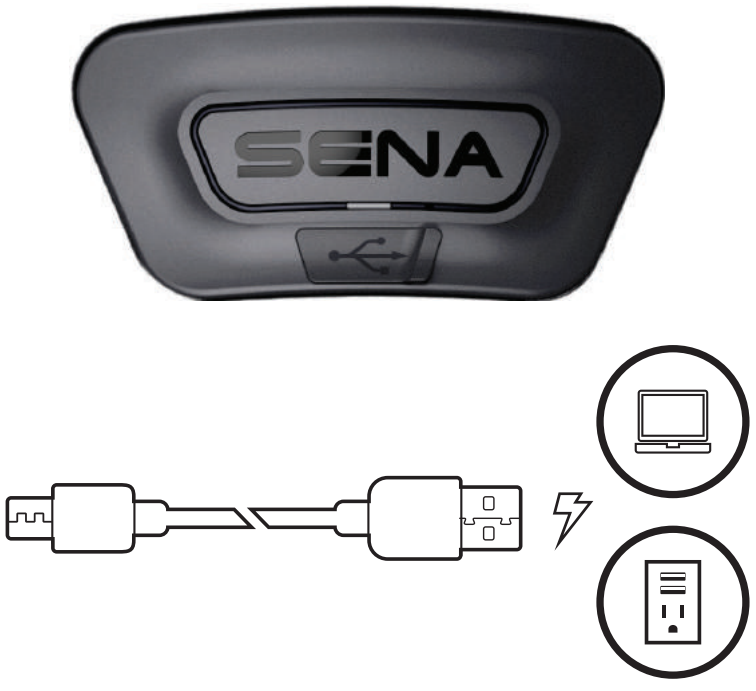
### Charging the Bluetooth System



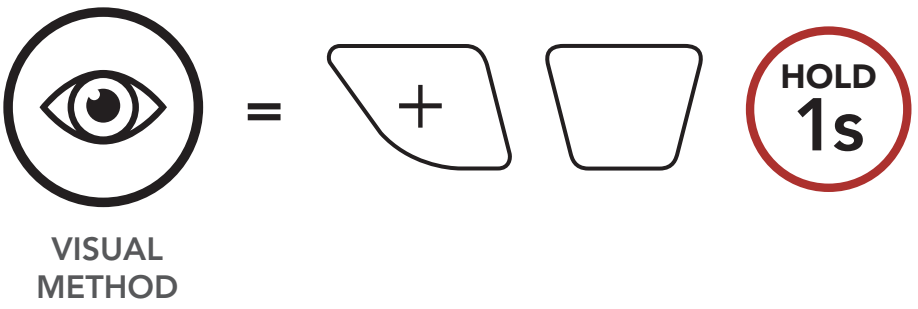

Depending upon the charging method, the Bluetooth system will be fully charged in about 2.5 hours.

## 2.5 Checking the Battery Level

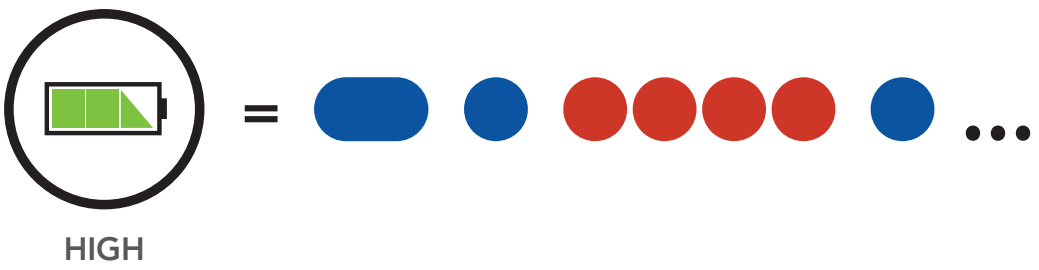
There are two ways to check battery level:

1. Visually, with LEDs when powering on.

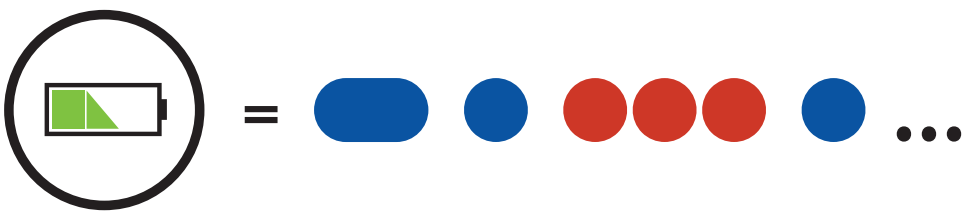
### Battery Level - Visual Method



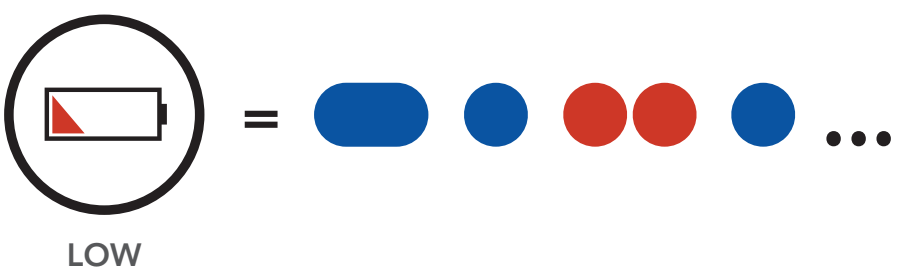

VISUAL METHOD




HIGH



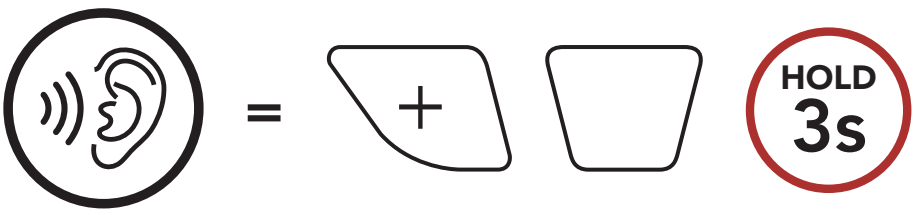

MEDIUM




**Note:**
1. The battery performance may be reduced over time with usage.
2. Battery life may vary depending on conditions, environmental factors, functions of the product in use, and devices used with it.

2. Audible method: press and hold the **Center Button** and the **(+) Button** for **3 more seconds** as the Bluetooth system powers on. A prompt will announce the remaining battery level.

## Audible Method






*"Battery level is high/medium/low"*

**Note:**
- Blinking LEDs alternate from blue to red when battery power is low.
- When the battery is low while in use, you will hear a voice prompt saying **"Low battery"**.

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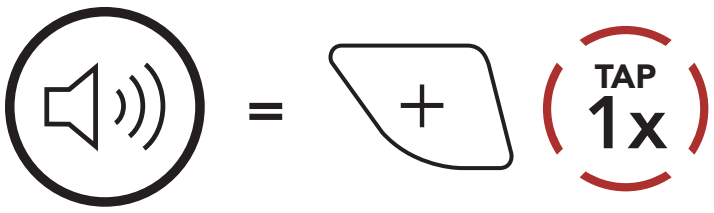
## 2.6 Volume Adjustment

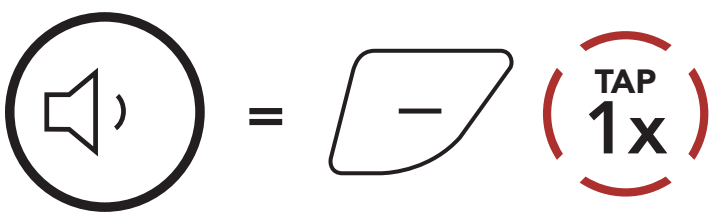
You can raise or lower the volume by tapping the **(+) Button** or the **(-) Button**. Volume is set and maintained independently at different levels for each audio source (i.e. phone, intercom), even when the Bluetooth system is rebooted.

### Volume up




VOLUME UP

### Volume down




VOLUME DOWN

**WARNING:** Use of the product at a high volume for a long period of time may damage your eardrums or hearing ability. Keep the volume at a modest level to prevent damage.

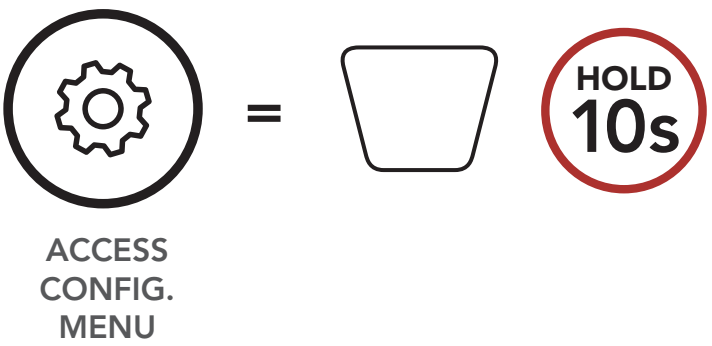
MENU

## 2.7 Configuration Menu

The Bluetooth system 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 **Bluetooth System Configuration Menu**, press and hold the **Center Button** for **10 seconds** until you hear the voice prompt, **"Configuration menu"**.

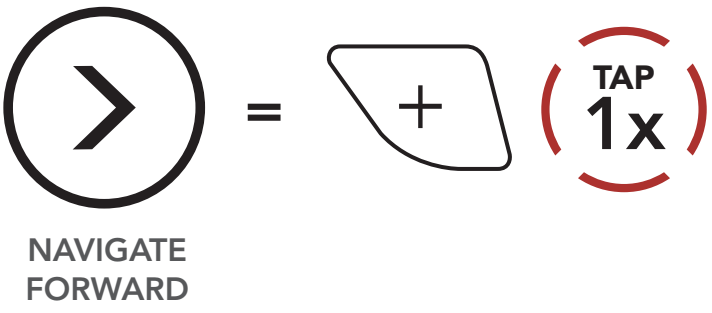
### Accessing the Bluetooth System Configuration Menu




*"Configuration menu"*

2. Tap the **(+) Button** or the **(-) Button** to navigate between the menus. You will hear voice prompts for each menu item. The list of functions is shown in the **Bluetooth System Configuration Menu** on page 27.

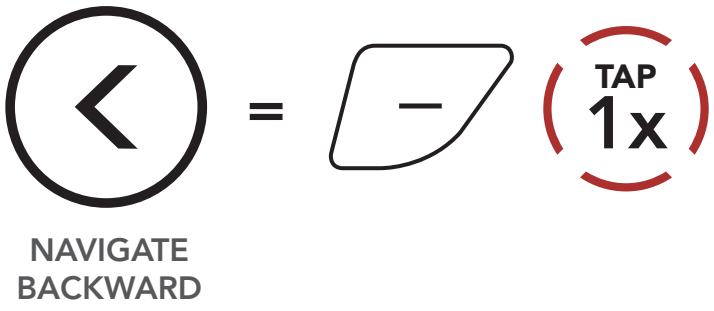
### Navigating Forward through the Menu




*"[Menu prompt]"*

MENU

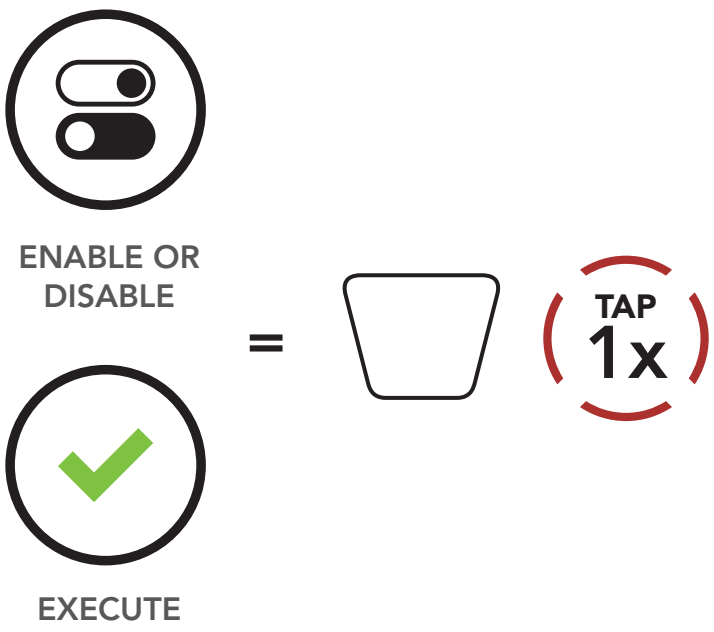
### Navigating Backward through the Menu




*"[Menu prompt]"*

3. You can enable/disable the feature or execute the command by tapping the **Center Button**.

### Enable/Disable or Execute a Feature




## Bluetooth System Configuration Menu

| Tap the (+) Button or (-) Button the specified number of times | | Tap the Center Button |
|---|---|---|
| + TAP 1x | Phone Pairing | Execute |
| + TAP 5x | Speed Dial | Execute |
| + TAP 6x | Voice Prompt | Enable/Disable |

MENU

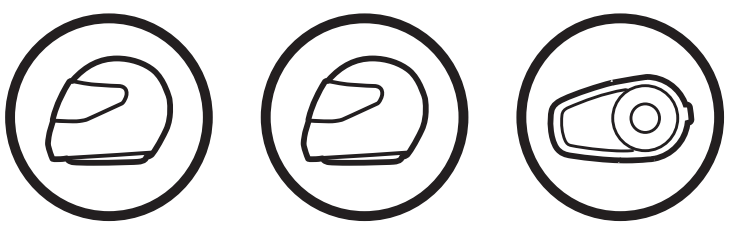
| Tap the (+) Button or (-) Button the specified number of times | | Tap the Center Button |
|---|---|---|
|   | RDS AF Setting | Enable/Disable |
|   | FM Station Guide | Enable/Disable |
|   | Advanced Noise Control | Enable/Disable |
|   | Delete All Pairings | Execute |
|   | Factory Reset | Execute |
|   | Exit Configuration | Execute |

# 3. PAIRING THE BLUETOOTH SYSTEM WITH OTHER BLUETOOTH DEVICES

Before using the Bluetooth system 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 Bluetooth system can pair with multiple Bluetooth devices such as mobile phone. The Bluetooth system can also be paired with up to three other Sena headsets or Bluetooth systems.

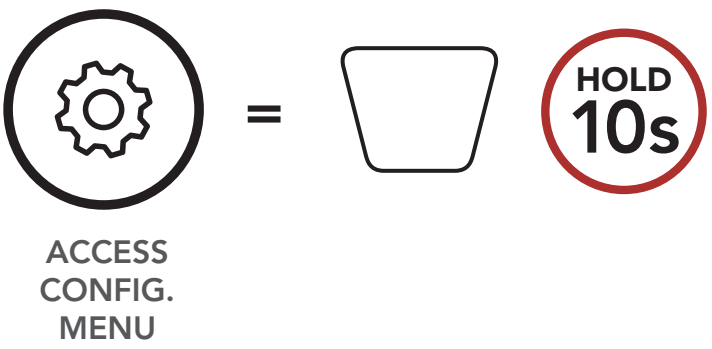
**Pairs with up to three Sena Headsets**



## 3.1 Mobile Phone

1. Execute **Phone Pairing** in the **Bluetooth System Configuration Menu**.

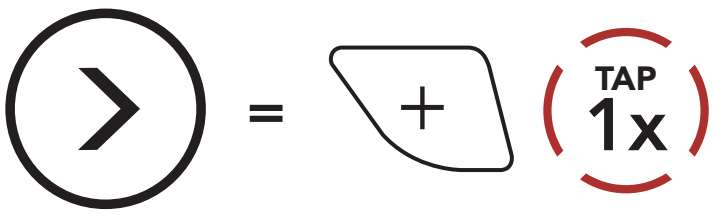
**Access Phone Pairing in the Bluetooth System Configuration Menu**






*"Configuration menu"*

MENU




NAVIGATE FORWARD 1X



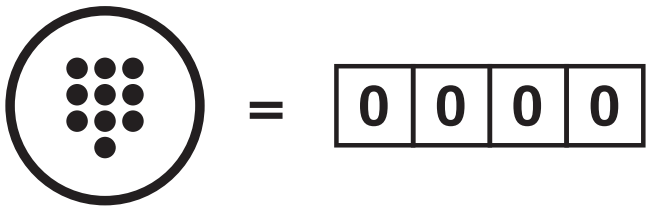
*"Phone pairing"*



= Alternating blue and red flashing lights indicate **device is now discoverable**.

BLUETOOTH LED STATUS

2. With your mobile phone in Bluetooth-pairing mode, select Sena R1 in the list of devices detected.
3. If your mobile phone asks for a PIN, enter 0000.

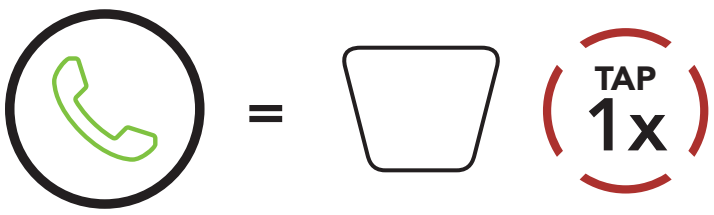



PIN NUMBER

# 4. MOBILE PHONE USAGE

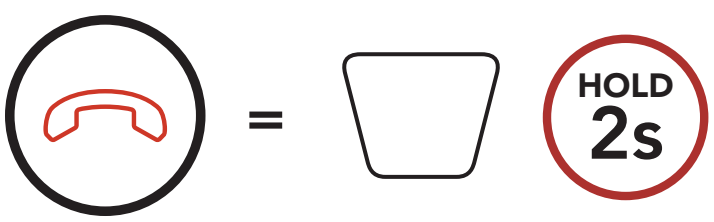
## 4.1 Making and Answering Calls

### Answer a Call



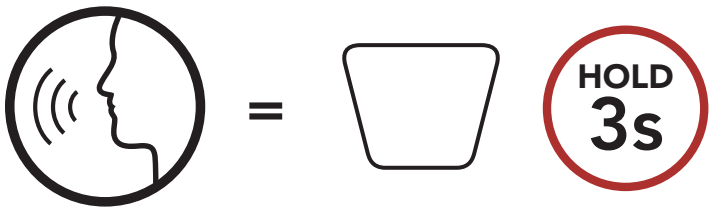

ANSWER

### End/Reject a Call




END/REJECT

### Make a Call with Voice Dialer




VOICE DIAL

**Note:** If you have a GPS device connected, you will not hear its voice navigations during a phone call.

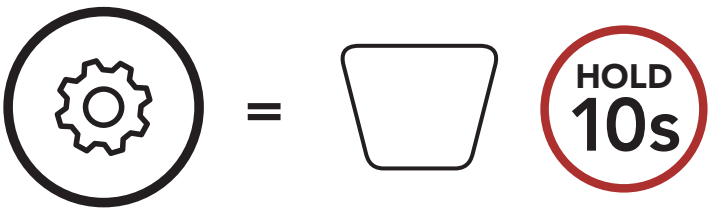
## 4.2 Speed Dialing

### 4.2.1 Assigning Speed Dial Presets

1. Execute **Speed Dial** in the **Bluetooth System Configuration Menu** by holding down the **Center Button** for **10 seconds**, then using the **(+)** and **(-) Buttons** to scroll through the menu. Please refer to **Section 2.7: "Configuration Menu"** for more details.

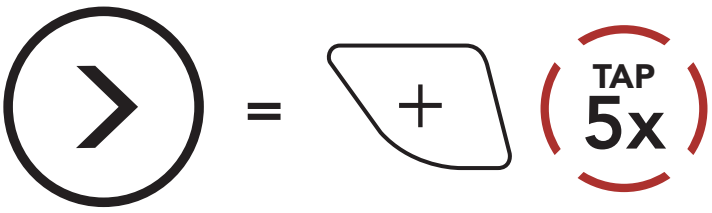
MENU

## Assigning Speed Dial Presets



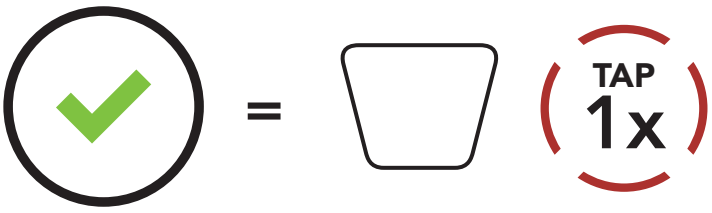

ACCESS CONFIG. MENU

*"Configuration menu"*




NAVIGATE FORWARD 5X

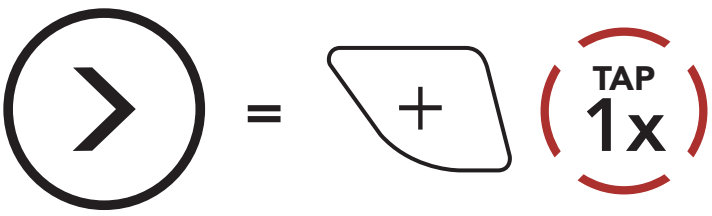
*"Speed dial"*




EXECUTE

2. Tap the **(+) Button** or the **(-) Button** to set up the three available **Speed Dial Presets**. You will hear the voice prompt, **"Speed dial"** followed by the preset number.

### Navigate Forward through Preset Numbers

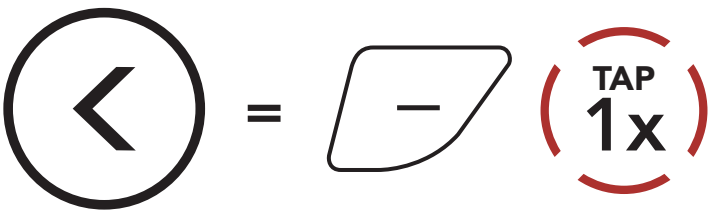



NAVIGATE FORWARD 1X

*"Speed dial (#)"*

MENU

### Navigate Backward through Preset Numbers




NAVIGATE BACKWARD 1X



*"Speed dial (#)"*

3. On your mobile phone, call the number to which you want to assign a **Speed Dial Preset**. The call will be terminated immediately. Then, you will hear the voice prompt, **"Save speed dial (#)"**. This confirms that the number was saved.

### On Your Mobile Phone, Dial Number



= Dial the phone number on your mobile phone

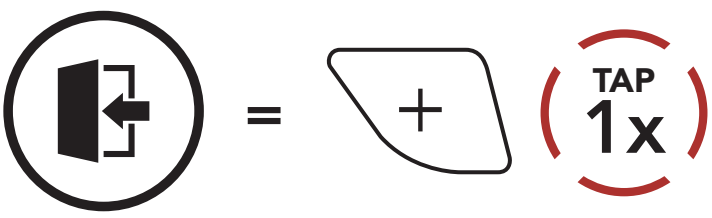
MOBILE PHONE



*"Save speed dial (#)"*

4. Use this procedure to save other **Speed Dial Presets**.
5. To exit the menu, tap the **(+) Button** or the **(-) Button** until you hear the voice prompt, **"Cancel"**, then tap the **Center Button** to confirm.

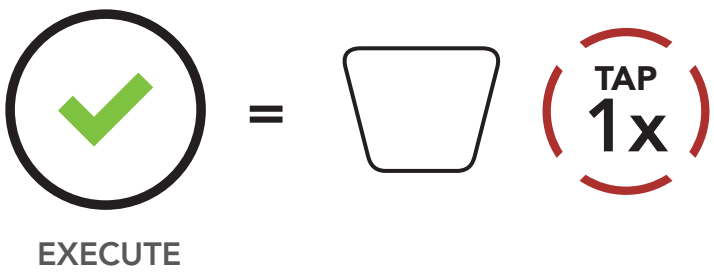
### Exit Menu




EXIT MENU



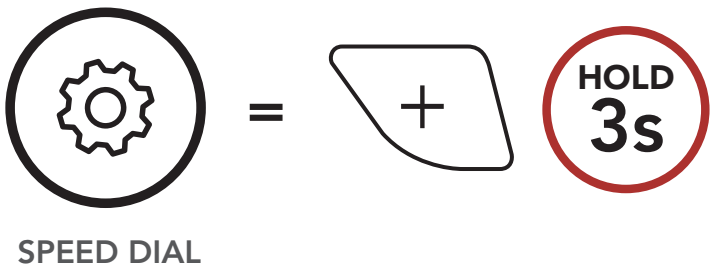
*"Cancel"*




### 4.2.2 Using Speed Dial Presets

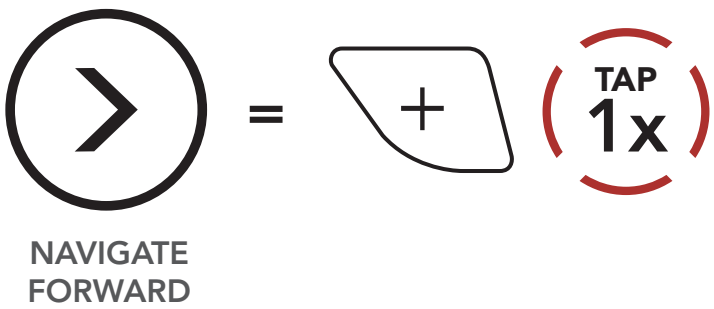
1. Press and hold the **(+) Button** for **3 seconds** to enter into the **Speed Dial** menu. You will hear the voice prompt, **"Speed dial"**.

**Enter Speed Dial Mode**

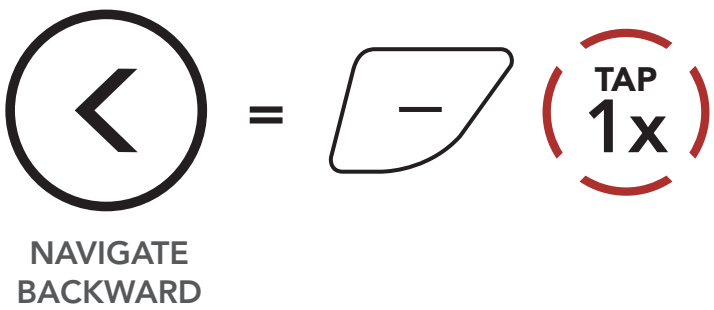


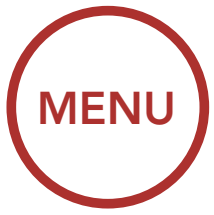

2. Tap the **(+) Button** or the **(-) Button** to navigate between the **Speed Dial Presets**.

**Navigate Forward through Speed Dial Preset Numbers**



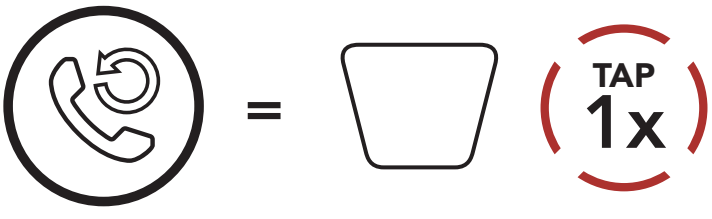

**Navigate Backward through Speed Dial Preset Numbers**

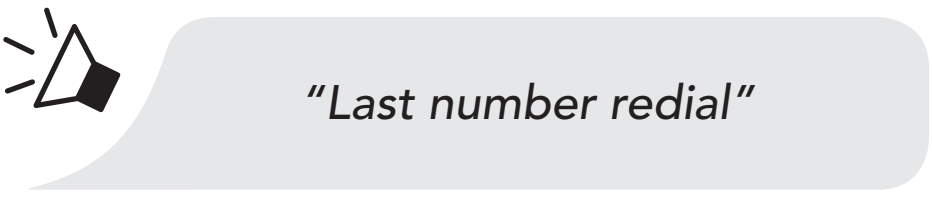





3. To redial the last number called, tap the **Center Button** when you hear the prompt, **"Last number redial"**.

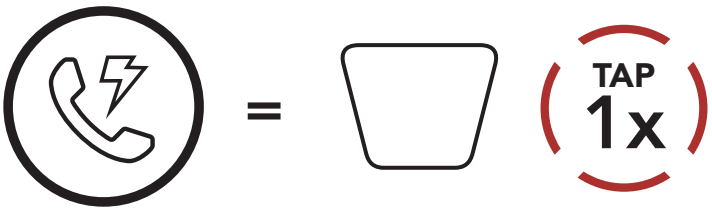
**Redial Last Number**

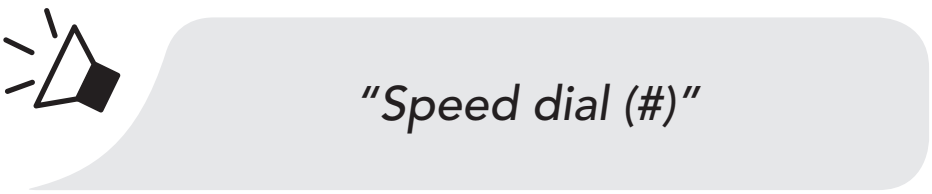



4. To call one of your **Speed Dial Presets**, tap the **Center Button** when you hear the prompt, **"Speed dial (#)"**.

**Call a Speed Dial Preset Number**



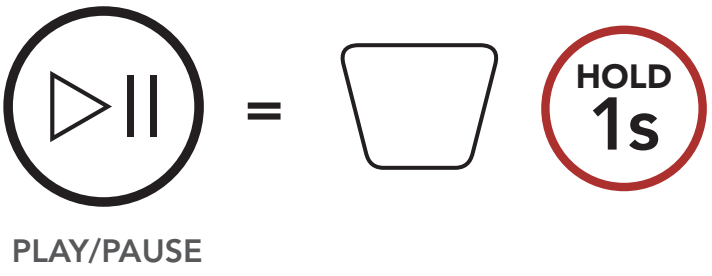



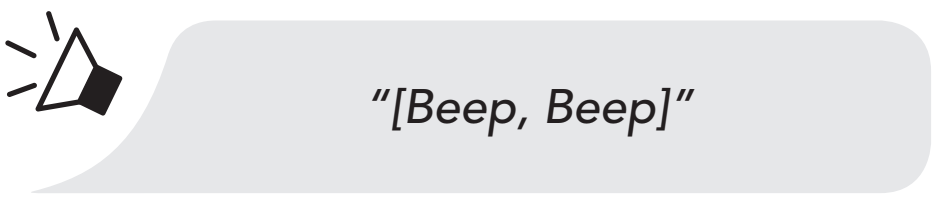
# 5. STEREO MUSIC

## 5.1 Playing Music with Bluetooth Devices

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

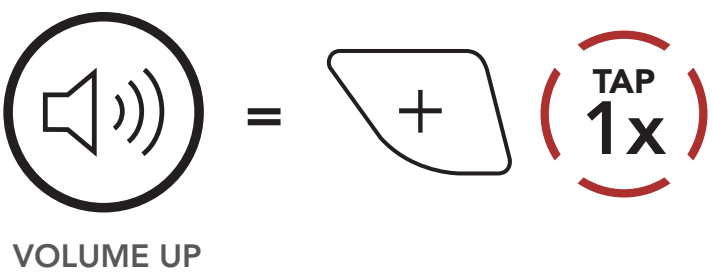
**Play/Pause Music**



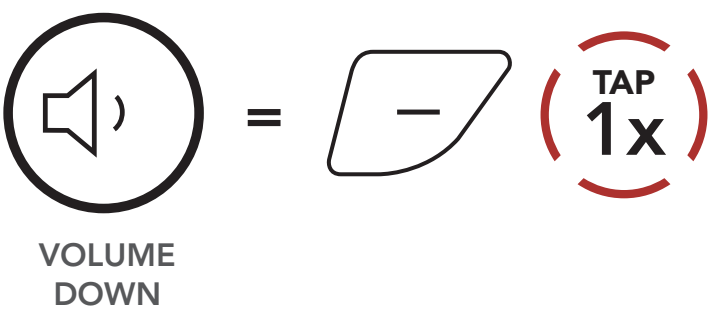




2. To adjust the volume, tap the **(+) Button** or the **(-) Button**.

**Volume Up**

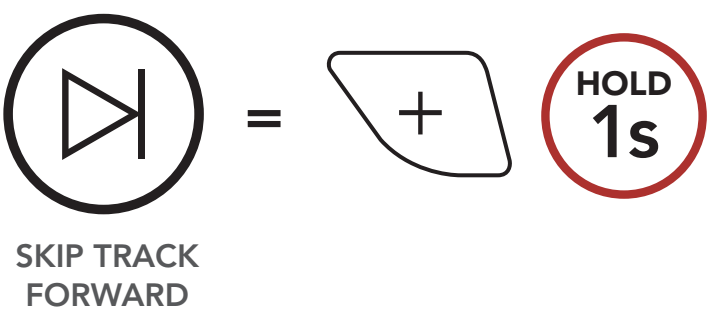



**Volume Down**



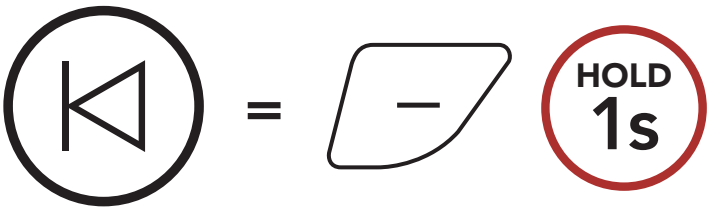

3. To track forward or back, press and hold the **(+) Button** or the **(-) Button** for **1 second**.

**Next Track**



MENU

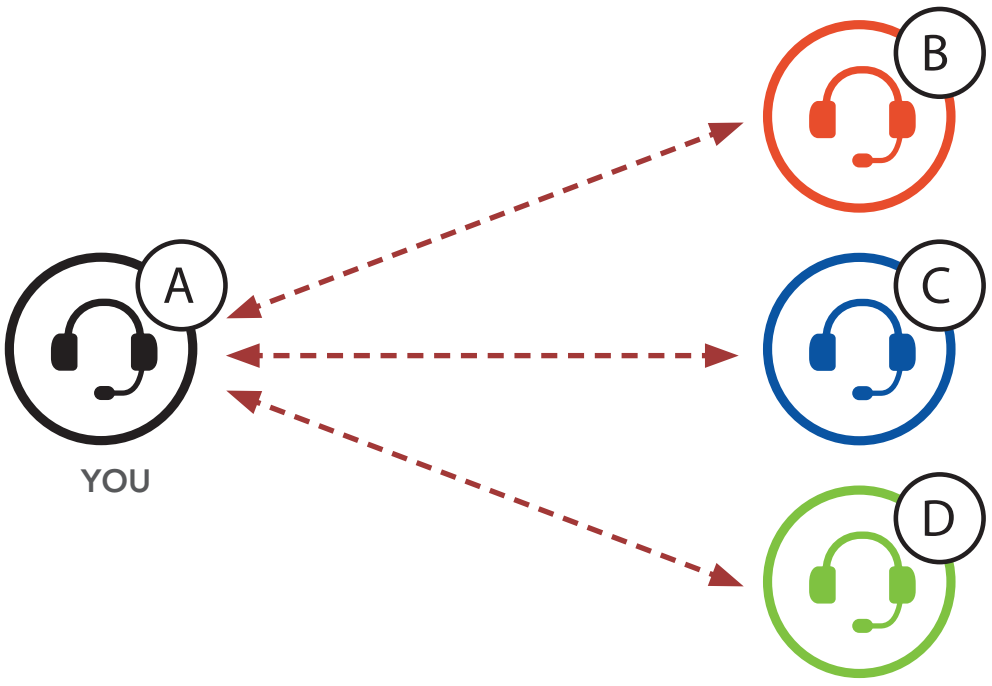
## Previous Track




SKIP TRACK
BACKWARD

# 6. BLUETOOTH INTERCOM

Up to three other people can be paired with the helmet for Bluetooth intercom conversations.




## 6.1 Intercom Pairing

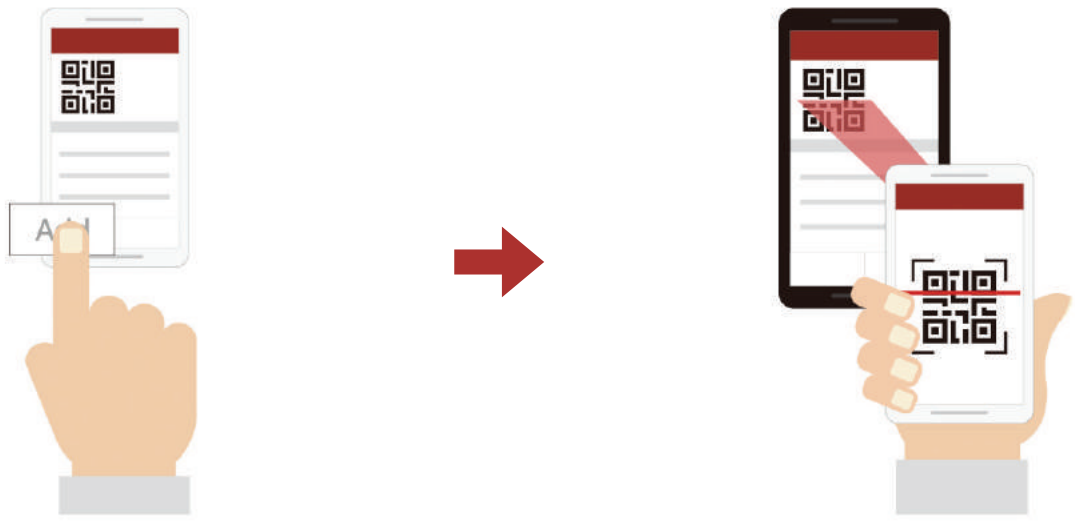
There are two ways to pair the Bluetooth system.

### 6.1.1 Using the Smart Intercom Pairing (SIP)

**SIP** allows you to quickly pair with your friends for intercom communication by scanning the QR code on the **Sena Utility App** without remembering the button operation.

1. Pair the mobile phone with the Bluetooth system.
2. Open the **Sena Utility App**.
3. Click the **Smart Intercom Pairing Menu**.
4. Click the **Add Button** to open the QR scanning screen.
5. Scan the **QR code** displayed on your friend **(B)**'s mobile phone.
    - Your friend **(B)** can display the QR code on the mobile phone by opening the **Sena Utility App** and clicking the **Smart Intercom Pairing Menu**.

MENU



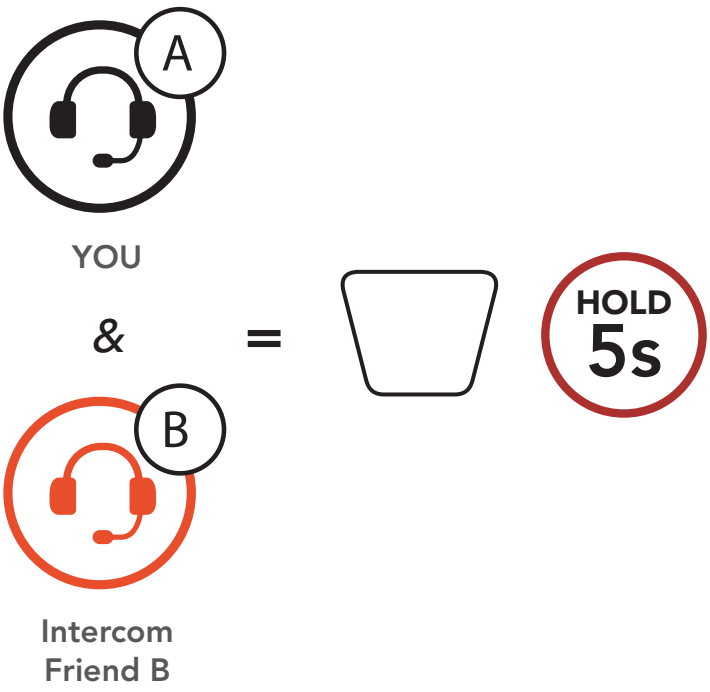
6. Click the **Confirm Button** and check that your friend **(B)** is paired with **you (A)** correctly.
7. Repeat steps 4-6 to pair with **Intercom Friends (C)** and **(D)**.

**Note:** The **Smart Intercom Pairing (SIP)** is not compatible with Sena products that use **Bluetooth 3.0** or **below**.

### 6.1.2 Using the Button

1. Press and hold the **Center Button** on two Bluetooth systems for **5 seconds** until you hear the voice prompt, **"Intercom pairing"**.

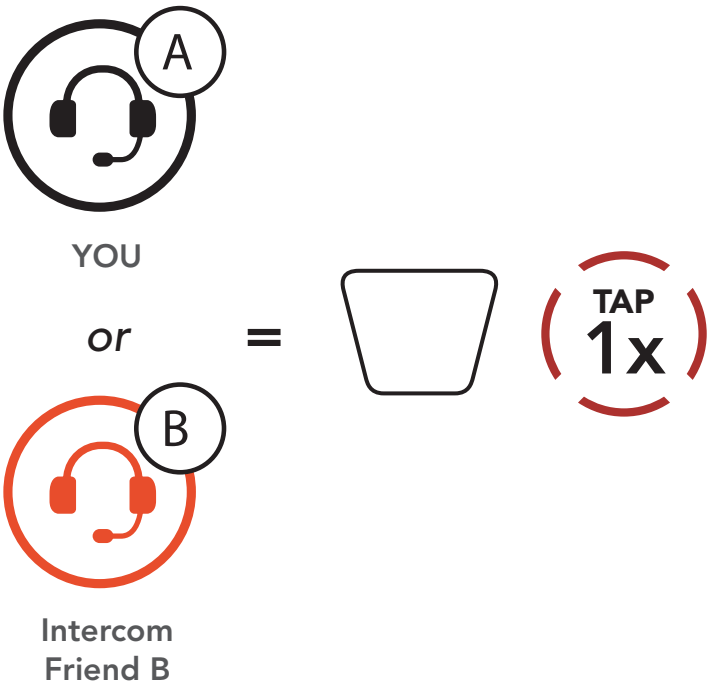
**Pairing with Intercom B**






2. Tap the **Center Button** on either Bluetooth system and wait until the LEDs of both turn blue.

## On Either One of the Devices





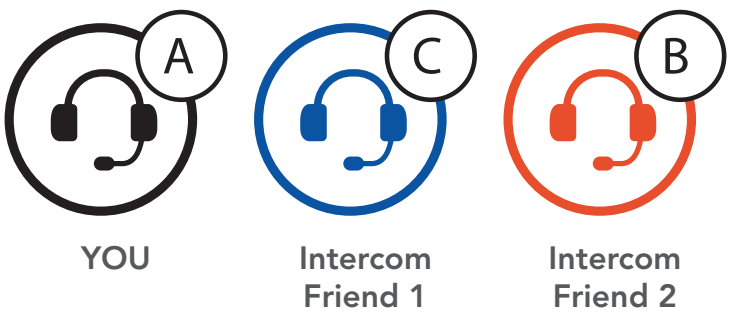


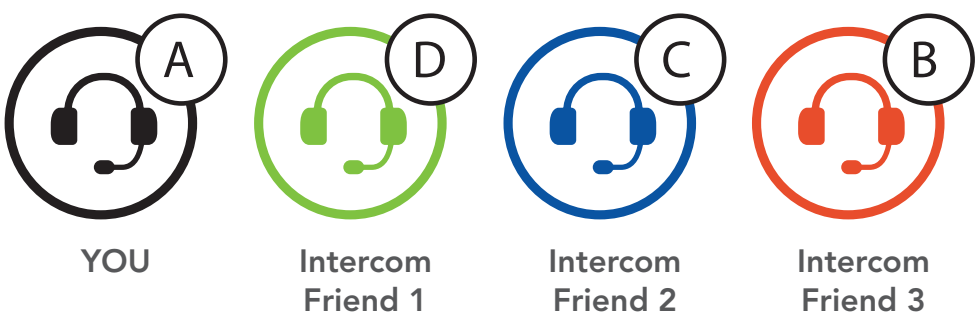
= Blue flashing LED confirms **intercoms are paired**.

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

## Last-Come, First-Served



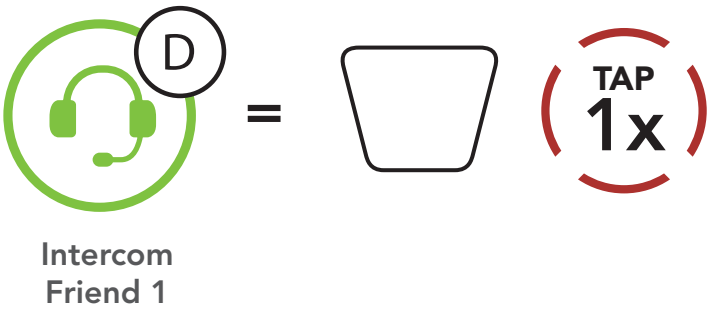
MENU

## 6.2 Two-Way Intercom

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

1. Tap one for **Intercom Friend 1**.

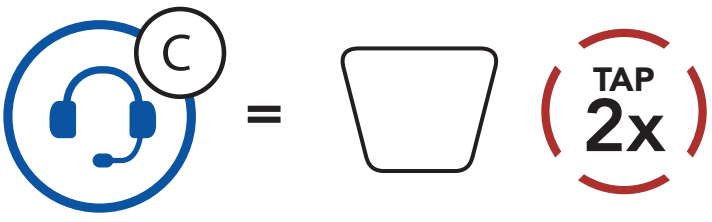
**Start/End Two-Way Intercom with Intercom Friend 1**




Intercom Friend 1

2. Tap twice for **Intercom Friend 2**.

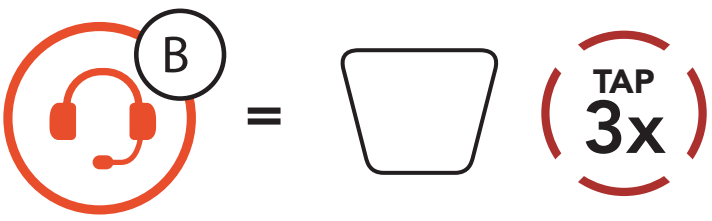
**Start/End Two-Way Intercom with Intercom Friend 2**




Intercom Friend 2

3. Tap three times for **Intercom Friend 3**.

**Start/End Two-Way Intercom with Intercom Friend 3**




Intercom Friend 3

### 6.2.1 HD Intercom

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

- HD intercom is only active for two-way intercom.

MENU

## 6.3 Multi-Way Intercom

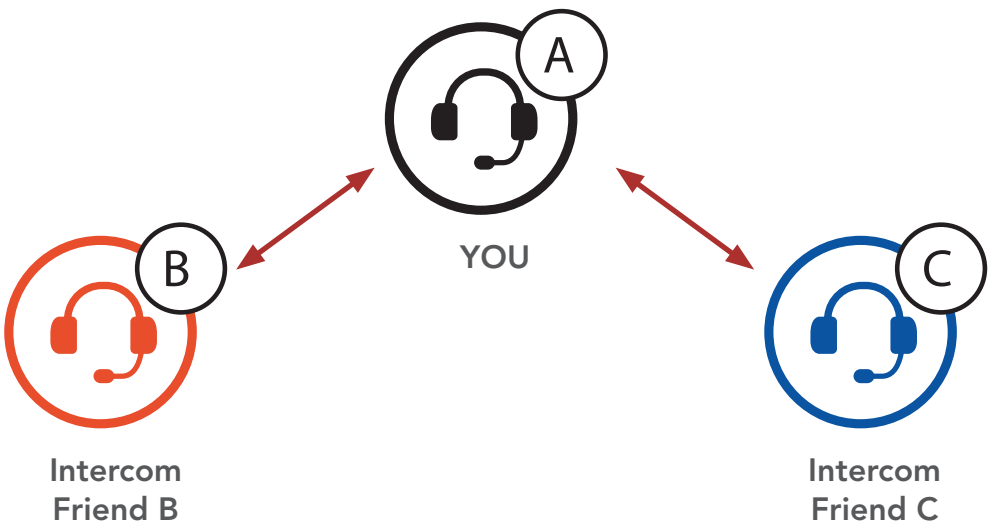
**Multi-Way Intercom** enables conference-call-style conversations with up to three **Intercom Friends** at the same time. While **Multi-Way Intercom** is in progress, mobile phone connection is temporarily disconnected. However, as soon as **Multi-Way Intercom** terminates, the mobile phone connection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

### 6.3.1 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.

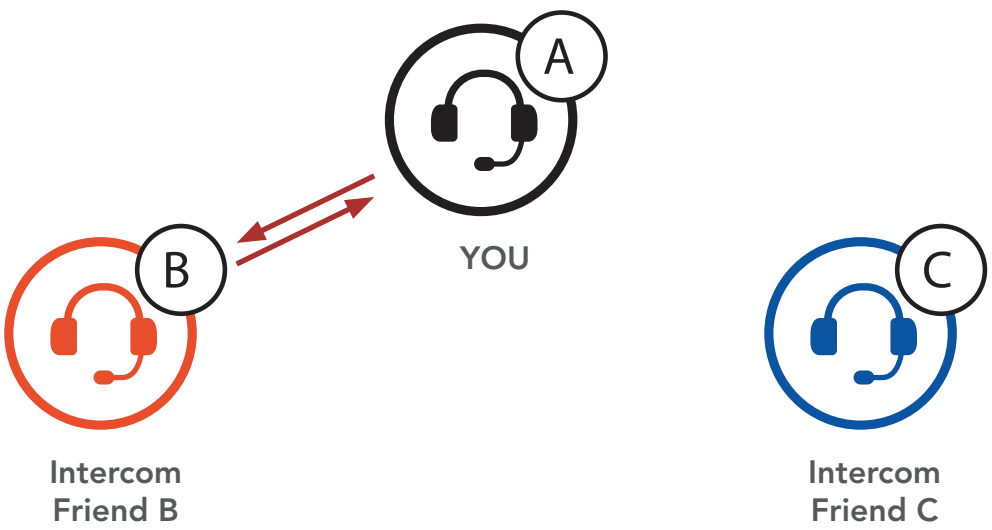
1. Pair your Bluetooth system (A) with those of two other **Intercom Friends (B & C)**. Please refer to **Section 6.1: "Intercom Pairing"** for pairing instructions.

**Pair with Intercom Friends B & C**




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)**.

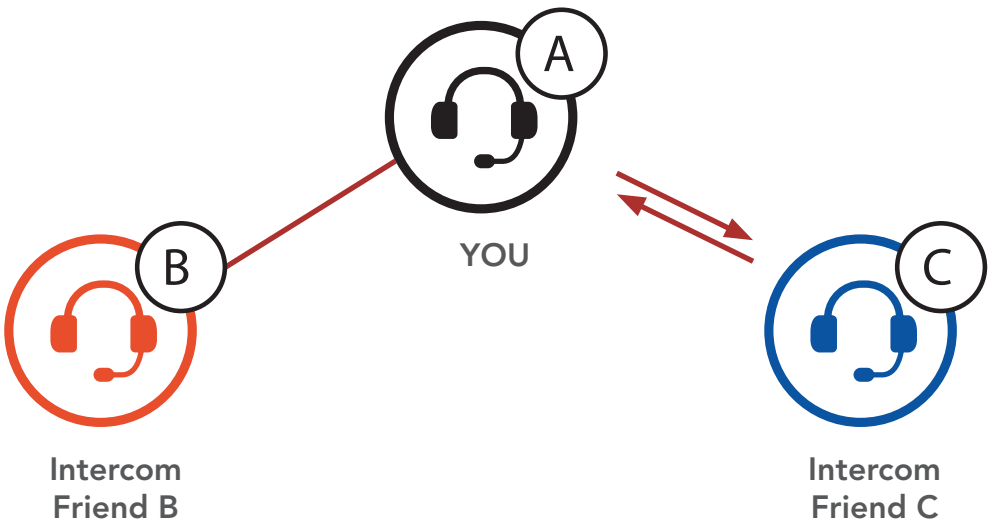
**Starting an Intercom Conversation with Intercom Friend B**



MENU

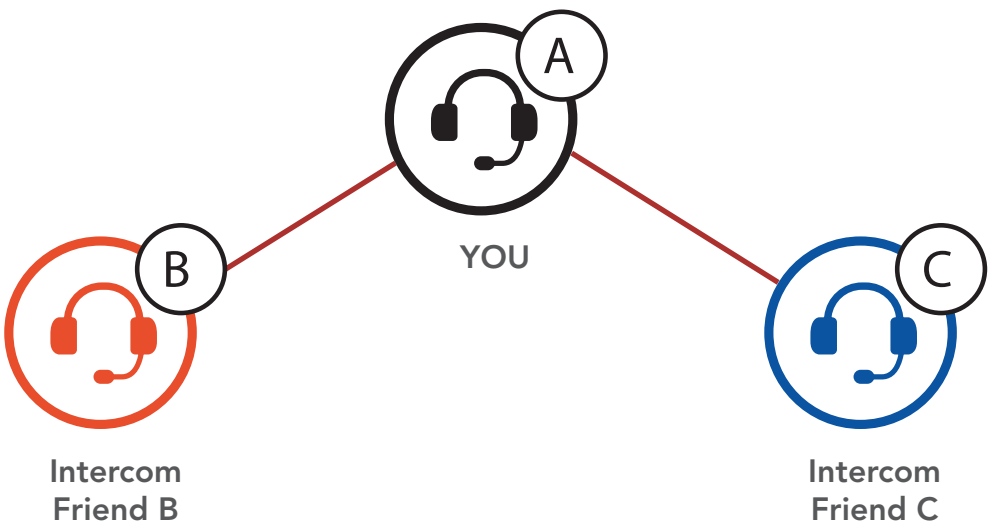
3. Then, **you (A)** can call the second **Intercom Friend (C)**, or the second **Intercom Friend (C)** may join the intercom by making an intercom call to **you (A)**.

### Starting an Intercom Conversation with Intercom Friend C




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

### Three-Way Intercom

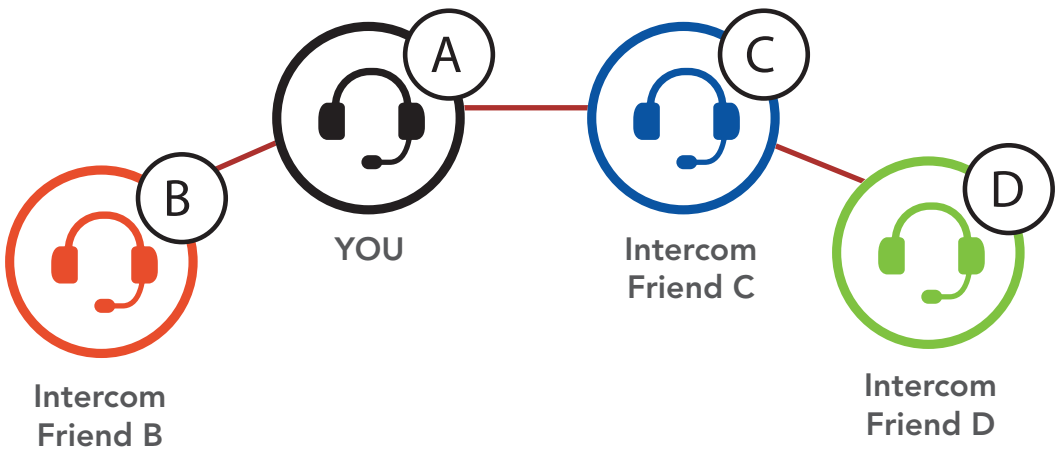


MENU

### 6.3.2 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**




### 6.3.3 Ending Multi-Way Intercom

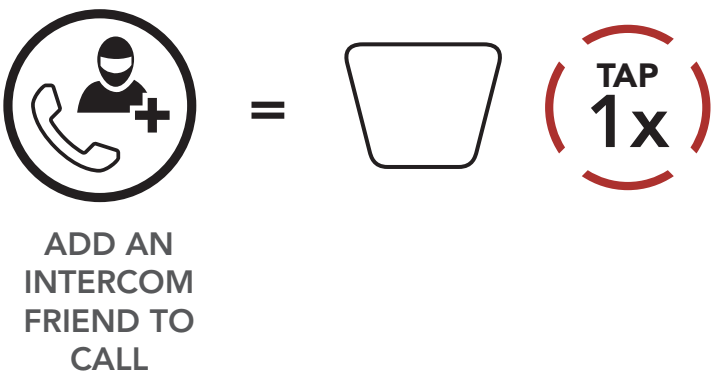
1. Press the **Center Button** for **1 second** until you hear a beep to terminate all intercom connections.
2. Tap the **Center Button** to disconnect from your first **Intercom Friend**. Double tap the **Center Button** to disconnect from your second **Intercom Friend**.

## 6.4 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.

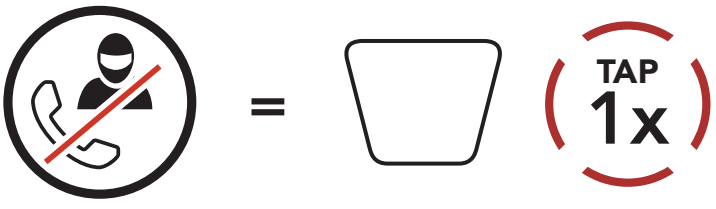
1. During a mobile phone call, tap the **Center Button** to invite one of your **Intercom Friends** to the conversation.

**Invite an Intercom Friend into Phone Conference**



2. To disconnect the intercom during a conference phone call, tap the **Center Button**.

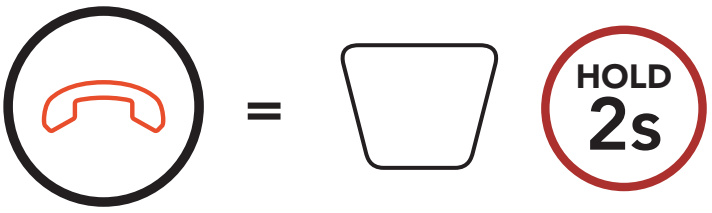
### Disconnect Intercom Friend from Conference




DISCONNECT INTERCOM

3. To disconnect the mobile phone call during a conference phone call, press the **Center Button** for **2 seconds**.

### End Phone Call




END MOBILE CALL

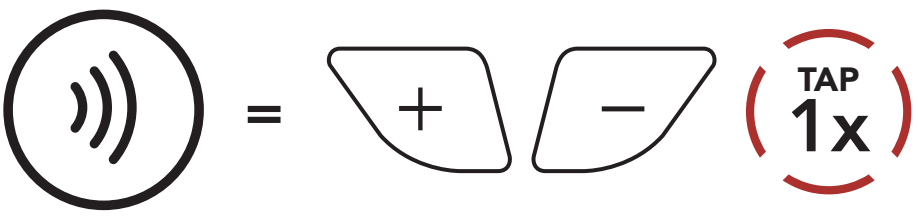
**Note:** When you have an incoming intercom call during a mobile phone call, you will hear a voice prompt, **"Intercom Requested."**

## 6.5 Group Intercom

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

1. Pair intercoms with up to three people you want in the **Group Intercom**.
2. Tap the **(+) Button** and the **(-) Button** simultaneously to begin **Group Intercom**. The alternating blue and red flashing lights indicate that the device is now in Group Intercom mode and you will hear a voice prompt, **"Group intercom"**.

### Start Group Intercom




START GROUP INTERCOM

MENU



= Green LED Flashing

BLUETOOTH
LED STATUS



*"Group intercom"*

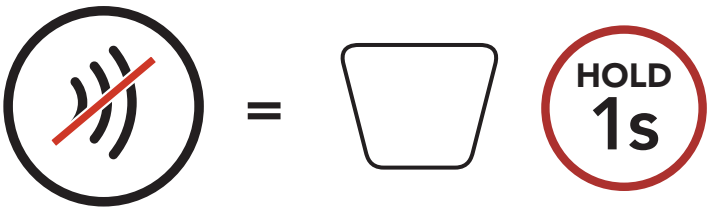
3. When all of the headsets are connected together, everyone will hear the voice prompt, **"Group intercom connected"**.



*"Group intercom connected"*

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

## End Group Intercom




END GROUP
INTERCOM



*"Group intercom terminated"*

MENU

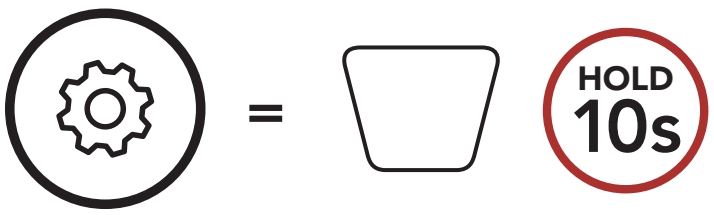
## 6.6 Advanced Noise Control™ (Default: Enable)

An **Advanced Noise Control** setting can be found in the **Bluetooth System Configuration Menu**. Please refer to **Section 2.7: "Configuration Menu"** for more details.

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

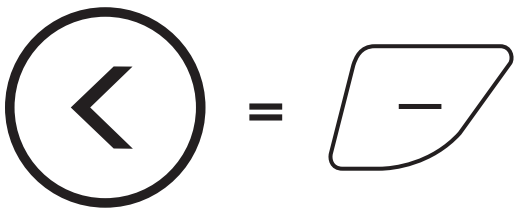
If **Advanced Noise Control** is disabled, the background noise is mixed with your voice while using the intercom.

### Access Advanced Noise Control in the Bluetooth System Configuration Menu



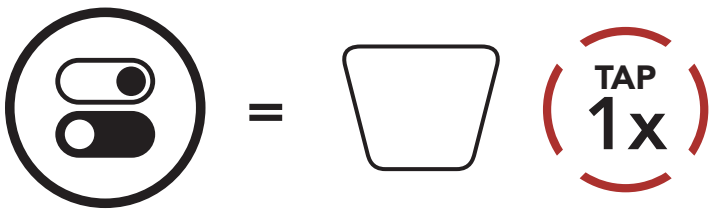

ACCESS CONFIG. MENU

*"Configuration menu"*




NAVIGATE BACKWARD 6X

*"Noise control"*



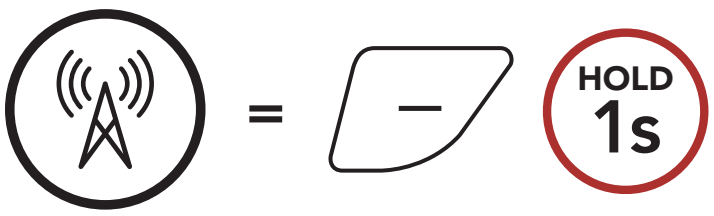

ENABLE OR DISABLE

# 7. USING THE FM RADIO

## 7.1 FM Radio On/Off

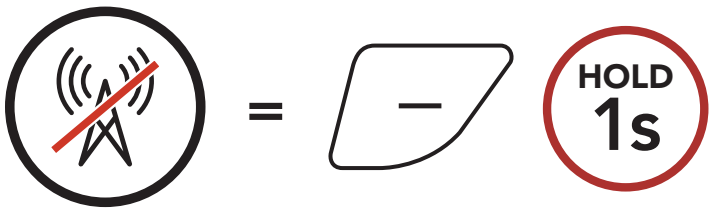
To turn on or shut off the FM radio, press the **(-) Button** for **1 second** until you hear a double beep.

### FM Radio On




*"[Beep, Beep]"*

### FM Radio Off



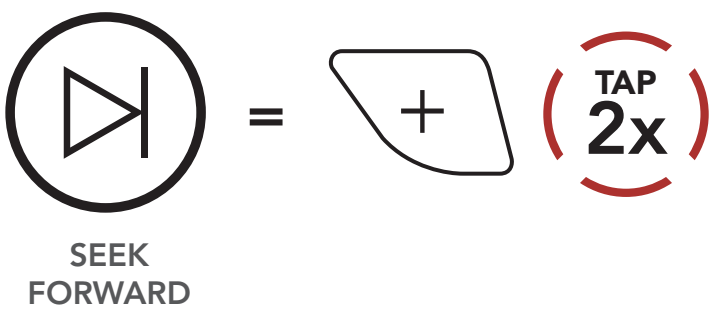

*"[Beep, Beep]"*

## 7.2 Seek and Save Radio Stations

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

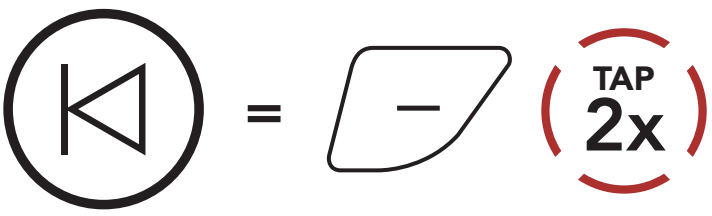
1. Double tap the **(+) Button** or the **(-) Button** to search for radio stations.

### Seek Stations Forward





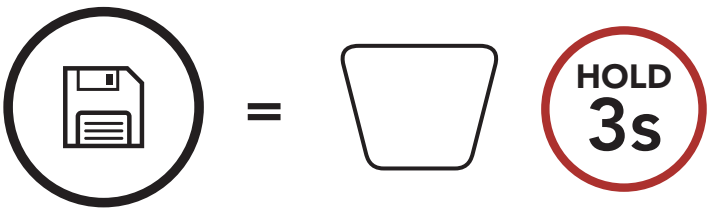

### Seek Stations Backward




SEEK BACKWARD

2. To save the current station, press and hold the **Center Button** for **3 seconds** until you hear the voice prompt, **"Preset (#)"**.

### Enter Preset Selection Mode



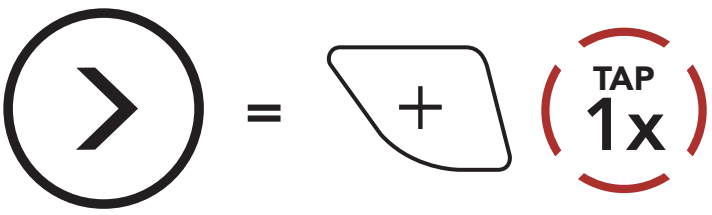

ENTER PRESET MODE



*"Preset (#)"*

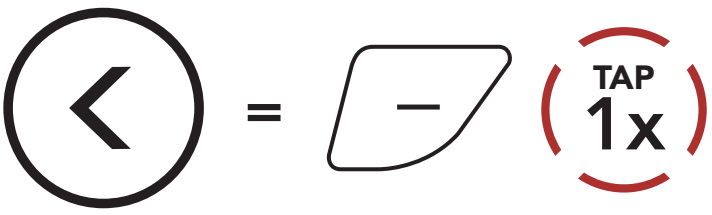
3. Tap the **(+) Button** or the **(-) Button** to navigate through the preset numbers that you want to store.

### Navigate Forward through Preset Stations




NAVIGATE FORWARD

### Navigate Backward through Preset Stations

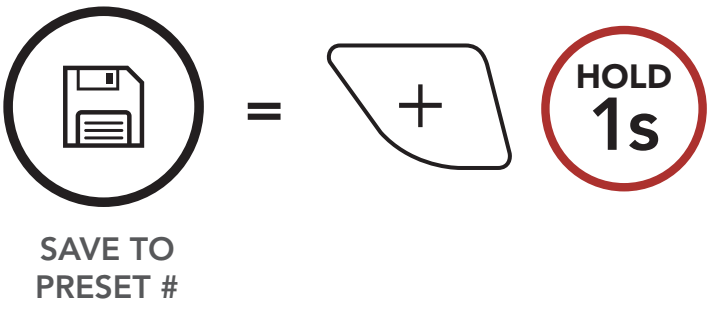



NAVIGATE BACKWARD

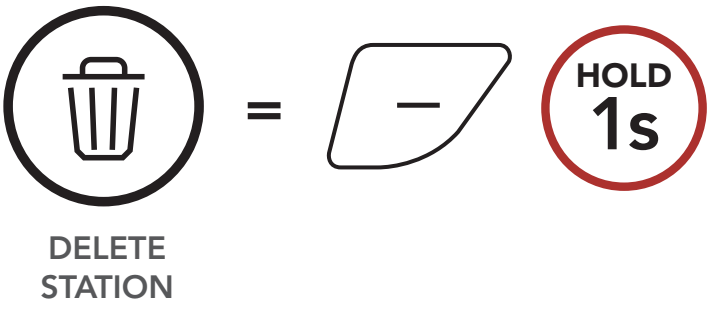



4. Press and hold the **(+) Button** for **1 second** to save the station in the preset number you choose. Or, press and hold the **(-) Button** for **1 second** to delete the station from memory.

### Save Station to the Preset Number




### Delete Station from Memory

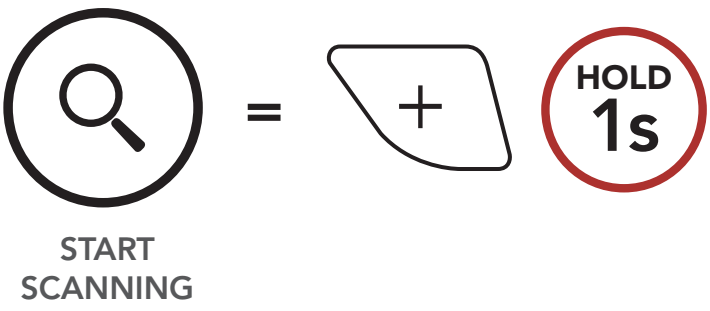



## 7.3 Scan and Save Radio Stations

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

1. Press and hold the **(+) Button** for **1 second** to scan for stations.

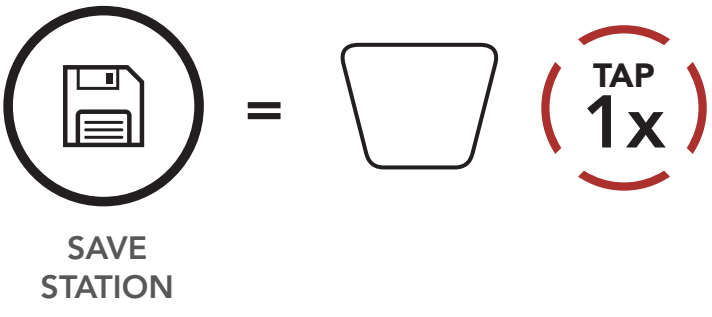
### Scan and Save Radio Stations




2. The Sena tuner pauses at each station it finds for **8 seconds** before moving to the next.
3. To save the current station, tap the **Center Button**. The station will be saved as the next preset number.




### Save the Current Station

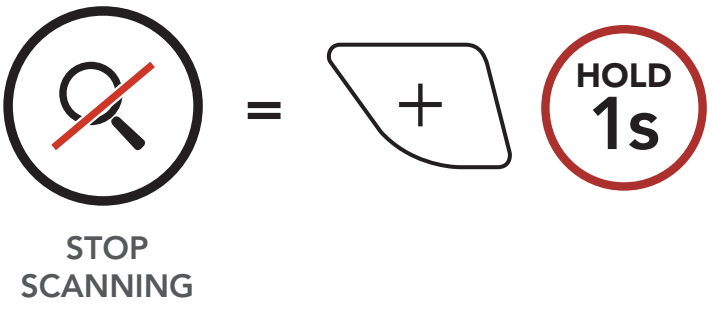





*"Preset (#)"*

4. To stop scanning, press the **(+) Button** for **1 second**.

### Stop Scanning

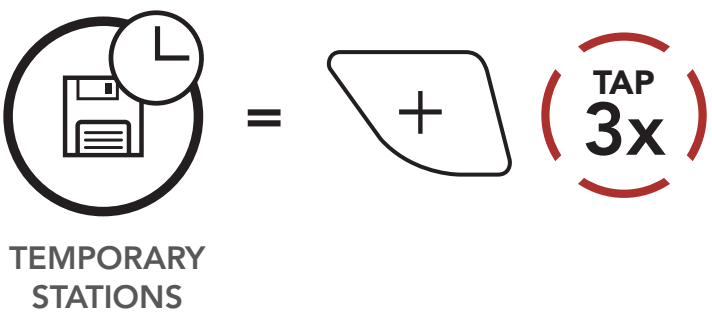



## 7.4 Temporary Station Preset

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

1. Tap the **(+) Button** three times to automatically find and save 10 stations.

### Temporary Stations



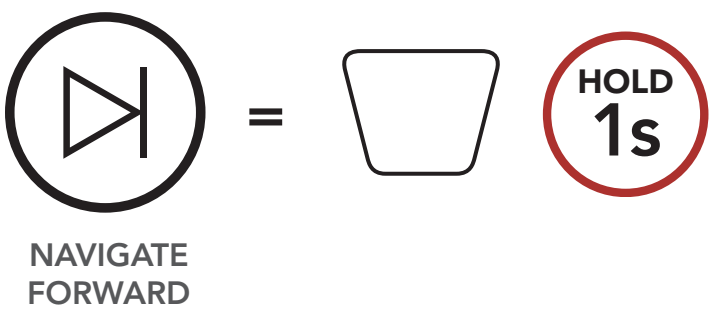

2. The temporary preset stations will be cleared when the Bluetooth system reboots.

MENU

## 7.5 Navigating Preset Stations

Using the methods above, up to 10 radio stations can be stored. Press and hold the **Center Button** for **1 second** to navigate through the saved stations.

### Navigate through Preset Stations




**Note:** You can use the **Sena Device Manager** or the **Sena App** to save the preset stations.

## 7.6 Region Selection

You can select the proper FM frequency range for your location from the **Sena Device Manager** or the **Sena Utility App**. 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 |

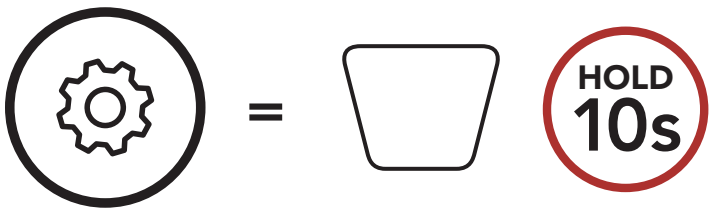
MENU

## 7.7 Radio Data System(RDS) Alternative(AF) Setting (Default: Enable)

The **RDS AF** setting can be found in the **Bluetooth System Configuration Menu**. Please refer to **Section 2.7: "Configuration Menu"** for more details.

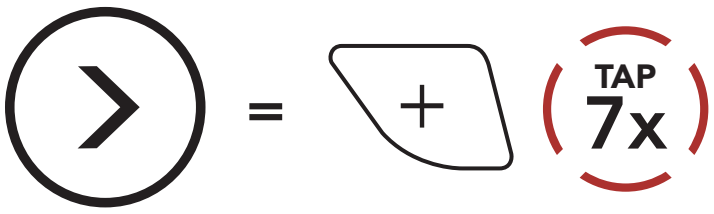
When radio station signals get too weak for good reception, with **RDS AF** enabled, the Sena radio receiver re-tunes to a station with better reception. If **RDS AF** is disabled, you'll have to find stronger stations manually.

### Access RDS AF Setting in the Bluetooth System Configuration Menu



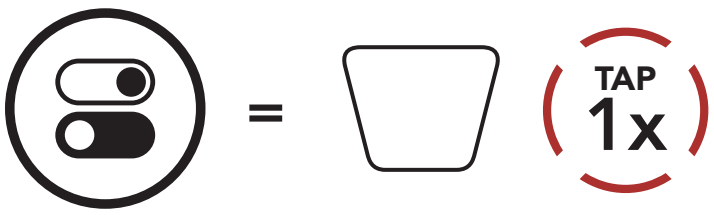

ACCESS CONFIG. MENU

*"Configuration menu"*




NAVIGATE FORWARD 7X

*"RDS AF setting"*




ENABLE OR DISABLE

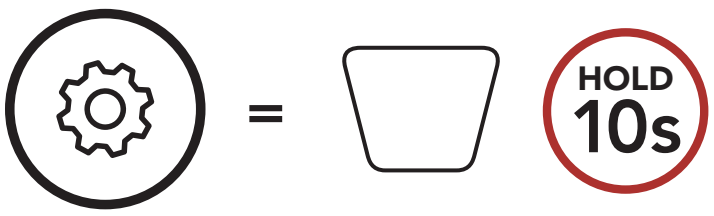
MENU

## 7.8 FM Station Guide (Default: Enable)

The **FM Station Guide** setting can be found in the **Bluetooth System Configuration Menu**. Please refer to Section **Section 2.7: "Configuration Menu"** for more details.

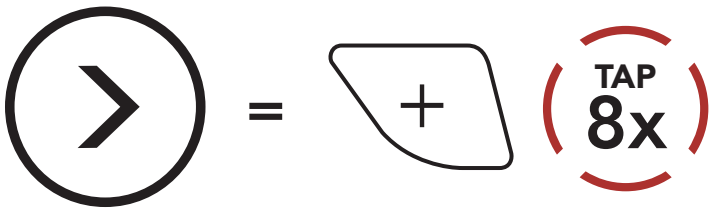
When FM Station Guide is enabled, FM station frequencies are given by voice prompts as you select preset stations. When FM Station Guide is disabled, the voice prompts on FM station frequencies will not be given as you select preset stations.

### Access FM Station Guide in the Bluetooth System Configuration Menu



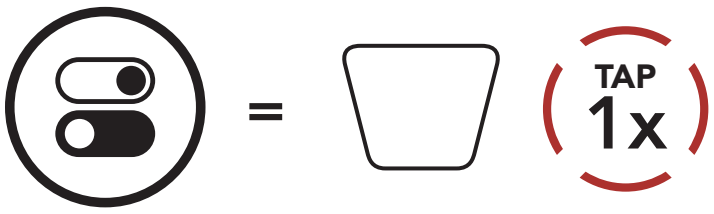

ACCESS CONFIG. MENU

*"Configuration menu"*




NAVIGATE FORWARD 8X

*"FM station guide"*




ENABLE OR DISABLE

# 8. HEADSET CONFIGURATION SETTINGS

## 8.1 Function Priority

The Bluetooth system prioritizes connected devices in the following order:

| | |
|---|---|
| **(highest)** | Mobile phone |
| | Intercom |
| | FM Radio |
| **(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.

## 8.2 Firmware Upgrades

The Bluetooth system supports firmware upgrades. You can upgrade the firmware using the **Sena Device Manager**. Please refer to **Section 2.1.2: "Sena Device Manager"** for more details. Please visit **sena.com** to check for the latest software downloads.

**Click Here to Visit sena.com**

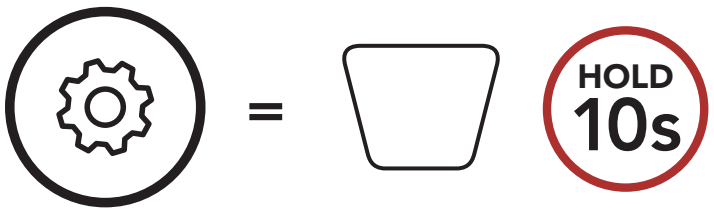
## 8.3 Voice Prompts

A **Voice prompt** setting can be found in the **Bluetooth System Configuration Menu**. Please refer to **Section 2.7: "Configuration Menu"** for more details.

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 **Bluetooth System Configuration Menu**, battery level indication, speed dial, and FM radio functions.

MENU

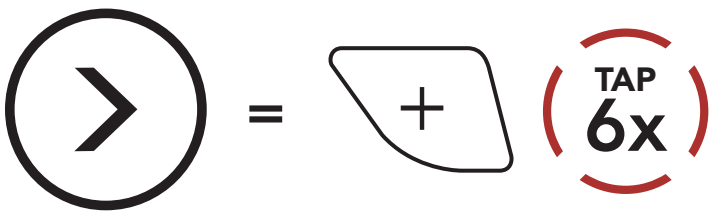
## Access Voice Prompt in the Bluetooth System Configuration Menu




ACCESS CONFIG. MENU



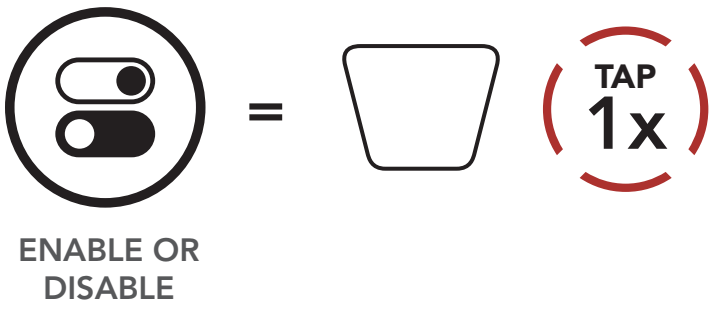
*"Configuration menu"*




NAVIGATE FORWARD 6X



*"Voice prompt"*




ENABLE OR DISABLE

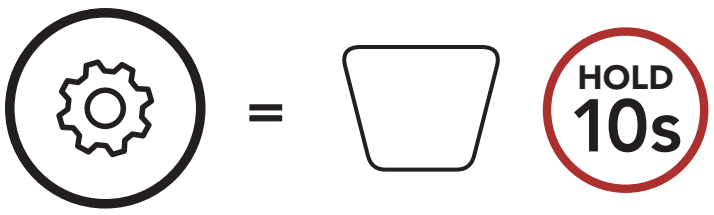
MENU

## 8.4 Deleting All Bluetooth Pairing Information

A **Delete All Bluetooth Pairing Information** setting can be found in the **Bluetooth System Configuration Menu**. Please refer to **Section 2.7: "Configuration Menu"** for more details.

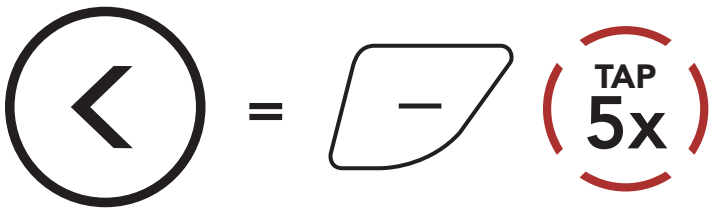
Tap the **Center Button** when in this menu to **Delete All Bluetooth Pairing Information** stored in the headset.

### Access Delete All Pairings in the Bluetooth System Configuration Menu



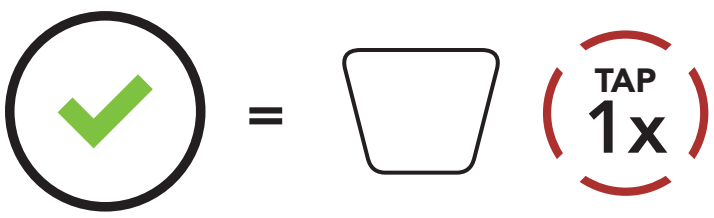

ACCESS CONFIG. MENU

*"Configuration menu"*




NAVIGATE BACKWARD 5X

*"Delete all pairings"*




EXECUTE

# 9. TROUBLESHOOTING

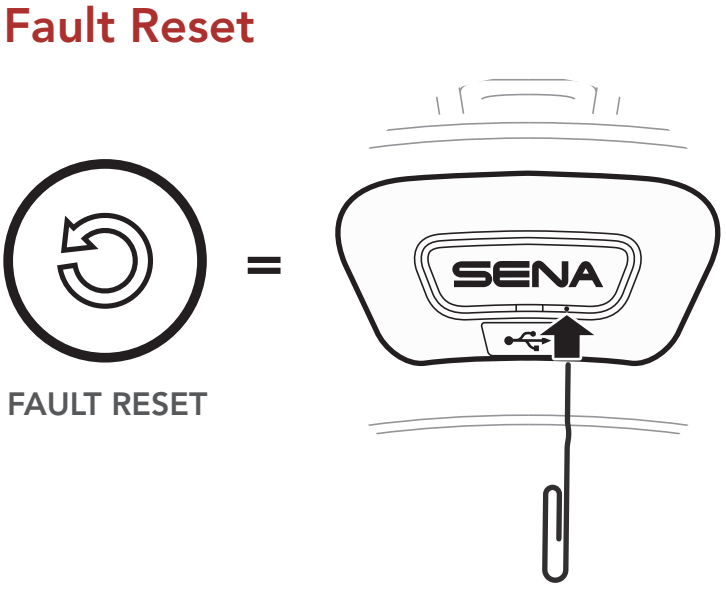
Please visit **sena.com** for answers to frequently asked questions. This detailed online FAQ section deals with troubleshooting, illustrates case studies and contains tips on using the helmet.

**Click Here to Visit sena.com**

## 9.1 Fault Reset

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

1. Locate the pinhole reset button below Sena logo at the back side of the helmet.
2. Gently insert a paper clip into the hole and press and **Fault Reset Button** for **1 second** with light pressure.




3. The Bluetooth system will shut down.

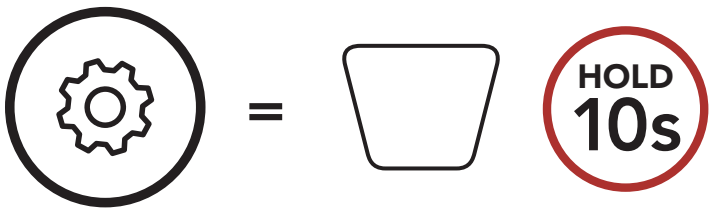
**Note:** Fault Reset will not restore the Bluetooth system to factory default settings.

MENU

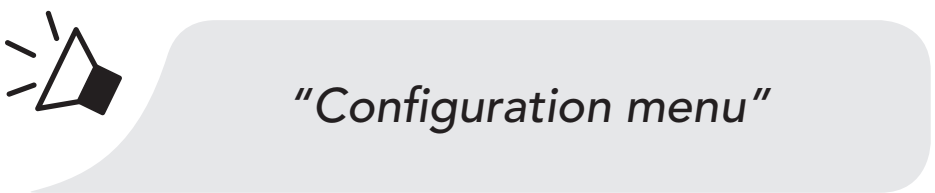
## 9.2 Factory Reset

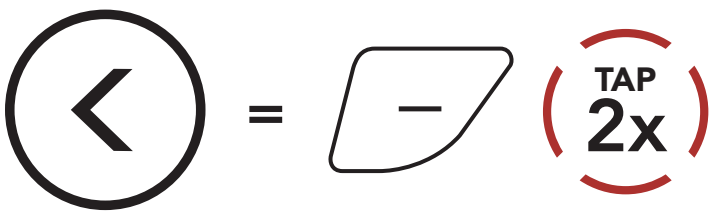
To erase all of your settings and start fresh, Bluetooth system can be restored to factory default settings using the **Factory Reset** feature in the **Bluetooth System Configuration Menu**. Please refer to **Section 2.7: "Configuration Menu"** for more details.

### Access Factory Reset in the Bluetooth System Configuration Menu



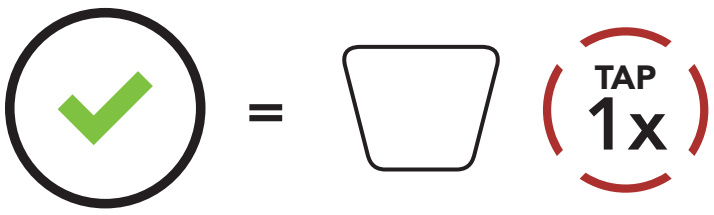

ACCESS CONFIG. MENU




NAVIGATE BACKWARD 2X




EXECUTE

# 10. MAINTENANCE AND CARE

The inner lining of the helmet is completely removable. Its headliner can be washed by hand using only water, mild soap, at a maximum temperature of 30°C (86°F), and non-abrasive cloths to clean the helmet's shell, pads and retention system. Allow the padding to dry at room temperature. Store the helmet in a dry, dark, well-ventilated location, out of the reach of children and animals. High temperatures (above 110°F, 43°C) may melt the helmet's shell.

**⚠ WARNING**

- Never use gasoline, diesel fuel, thinners or solvents to clean the helmet. These substances can cause serious damage to the helmet, even though the resulting damage may not be visible. This helmet can be damaged by contact with common substances (for example, certain solvents (ammonia), cleaners (bleach), paints, abrasives) and this damage may not be visible to the wearer. Do not use this helmet if it has been exposed to such substances. The full safety function of the helmet can no longer be guaranteed if exposed to damaging substances.
- Do not store your helmet in your car or anywhere else near a heat source. Do not use if the shell has been melted or deformed. Always position the helmet so that it cannot fall to the floor. Damage that occurs in this way is not covered by the warranty.
- Do not attach anything to your helmet, including mirrors or lights.

The shell of this helmet is constructed of expanded polymer foam. Ventilation holes may allow harmful objects to pass in the helmet interior.

The protective capability of your helmet will diminish over time, dependent upon many factors such as dents, dings, and exposure to pollution, harmful chemicals and long term exposure to the sun. Sena recommends that helmets be replaced after five years.

**Note:** The useful life of your helmet may be less than five years as a result of exposure to sunlight, rough, handling/storage that results in dents or cuts or as a result of heavy use.

SENA

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