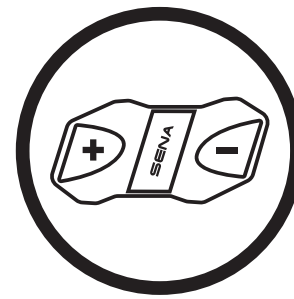# SENA

CAVALRY
BLUETOOTH® HALF HELMET
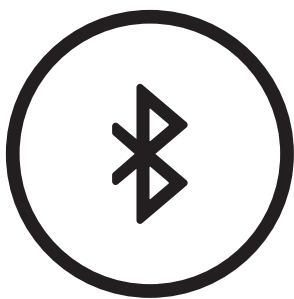
MENU

CLICK ANY SECTION TO BEGIN

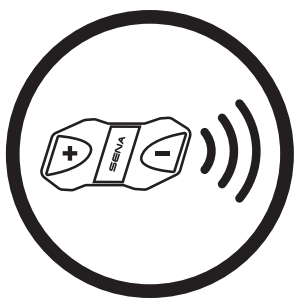ABOUT THE HELMET

BLUETOOTH MODULE

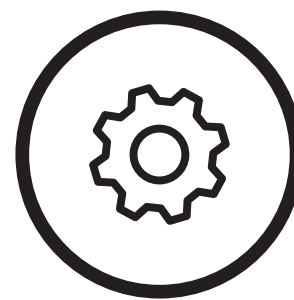PAIRING WITH DEVICES

MOBILE PHONE USAGE

STEREO MUSIC

INTERCOM SETUP

USING THE FM RADIO

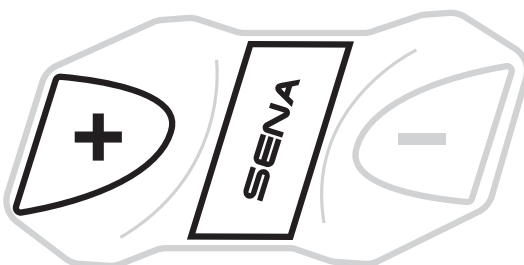GENERAL SETTINGS

REMOTE CONTROL

TROUBLE-SHOOTING

MAINTENANCE AND CARE

LEGEND:

HOLD 1s

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

TAP 1x — **Tap** button the specified number of times

HOLD 10s — **Press and Hold** button for the specified amount of time

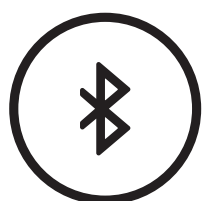*"Hello"* — **Audible prompt** from the Bluetooth Module

TABLE OF CONTENTS

TABLE OF CONTENTS CONTINUED

TABLE OF CONTENTS CONTINUED

1. ABOUT THE CAVALRY BLUETOOTH HALF HELMET

1.1   General Information

This product is a motorcycle helmet.

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

No helmet can protect the wearer against all possible impact scenarios.

For maximum protection, the Sena Cavalry Bluetooth Half Helmet must fit properly on the head and its retention strap 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, it's 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 1.3: "Wearing the Helmet"** for more details about properly securing and wearing your helmet.

The contents of this Sena Calvary Bluetooth Half 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.

1. ABOUT THE CAVALRY BLUETOOTH HALF HELMET

1.2 Product Details

Bluetooth Communication Module

DC Power Charging & Firmware Upgrade Port

Chinstrap Retention D-Ring

Microphone

Speakers

1. ABOUT THE CAVALRY BLUETOOTH HALF HELMET

1.3 Wearing the Helmet

1.3.1 Putting on the Helmet

1. Unfasten the chinstrap.

2. Gently pull the padded V-straps outward and slide the helmet onto your head.

> **Note:** A "chinstrap" is the nylon webbing that goes through the D-Rings.

3. Route the chinstrap under your chin, then thread it through both D-Rings.

4. To fasten securely, thread chinstrap back through the D-Ring closest to your neck, and pull.

Thread through the D-Rings
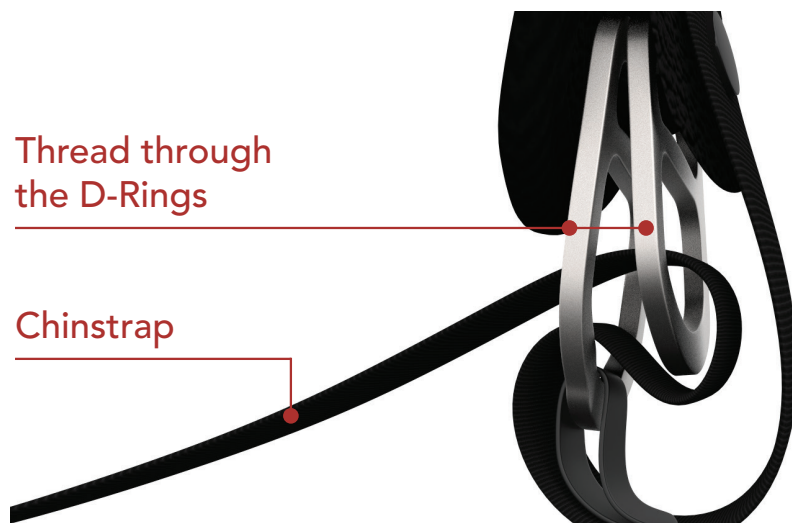
Chinstrap

> **Note:** Check the chinstrap's position and tension regularly to ensure proper fit.

1.3.2 Removing the Helmet

1. Loosen the chinstrap by pulling the red tab attached to the D-Rings.

2. Pull the chinstrap out from within the D-Rings.

3. Gently pull the padded V-straps outward and slide the helmet off your head.

> **Advice:** Fastening the chinstrap after removing the helmet will help avoid scratching surfaces it's placed upon.

1. ABOUT THE CAVALRY BLUETOOTH HALF HELMET

1.4 Pre-Ride Helmet Inspection

1.4.1 Checking the Exterior

Check the helmet regularly for damage. Small, superficial scratches will not impair the helmet's protective qualities. In the case of more serious damage (cracks, dents, flaking and cracking paint, etc.), the helmet should no longer be used.

Exterior Shell

Removable Visor

Chinstrap

1.4.2 Checking the Chinstrap

1. Ensure that the chinstrap is properly routed under your chin.

2. To test chinstrap tension, slip your index finger under the chinstrap and pull. If the chinstrap is loose under the chin, it needs to be tightened. If the chinstrap loosens when you pull on it, the helmet is not properly fitted. Undo the chinstrap completely and try fastening it again, then repeat the test.

3. If you are unable to fasten the chinstrap so that it fits firmly against the chin, check that your helmet is still the right size for you.

Note: Repeat the test after each adjustment.

1. ABOUT THE CAVALRY BLUETOOTH HALF HELMET

Caution: Never ride with the chinstrap unfastened or incorrectly adjusted. The chinstrap should fit correctly and should not become loose when pulled. The fastener is not correctly closed if the chinstrap becomes loose when pulled.
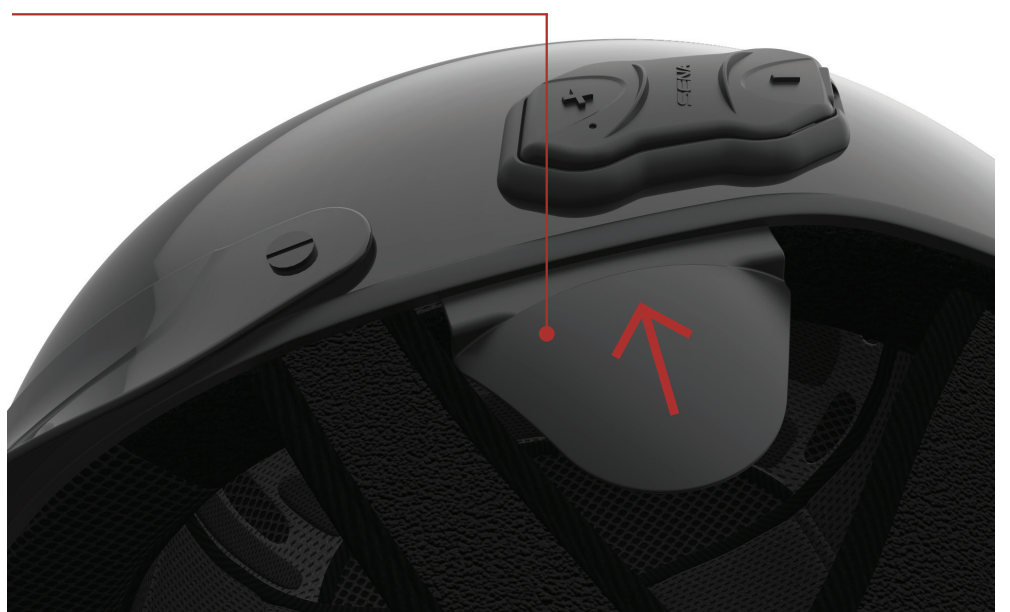
1.5 Accessory Installation: Ear Plates

To amplify the sound from the speakers, you can use the ear plates. Slide in the included ear plates on both sides of the helmet. Make sure they are aligned with your ears.

Ear Plates

Slide ear plates into slots on both sides of the helmet

1. ABOUT THE CAVALRY BLUETOOTH HALF HELMET

1.6 Accessory Installation: Ear Pads

To amplify the sound from the speakers and cut wind noise in high speeds, you can use the ear pads. Slide in the left and right ear pads on corresponding sides of the helmet. Then slide in each side of the chinstrap through the bands on the ear pads.

Ear Pads

Slide ear pads into slots on both sides of the helmet

Slide in the chinstrap through the ear pad's band

Note: It is recommended that you install the ear pads at all times to enhance the sound quality of the helmet.

2. GETTING STARTED: BUILT-IN BLUETOOTH SYSTEM

2.1 Button Functions

(+) Button

Increase Volume
Track Forward
Scan Radio Stations
Speed Dial

(-) Button

Decrease Volume
Track Back
FM Tuner On/Off

Fault Reset Button

Center Button

Answer/End Phone Call
Reject an Incoming Phone Call
Start/End Intercom Conversation
Play/Pause Music
Enter Intercom Pairing Mode
Enter Voice Configuration Settings
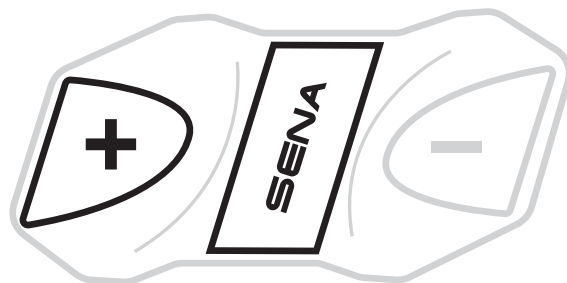
Blue & Red LED Lights

2.2 Powering On and Off

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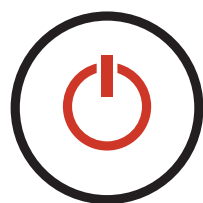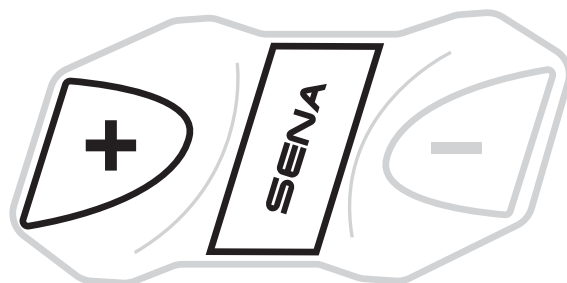
Powering On

POWER ON DEVICE = HOLD 1s

Powering Off

POWER OFF DEVICE = HOLD 1s

2. GETTING STARTED: BUILT-IN BLUETOOTH SYSTEM

2.3 Charging

The **Bluetooth Communication Module** can be charged using many common methods via the supplied USB power & data cable:
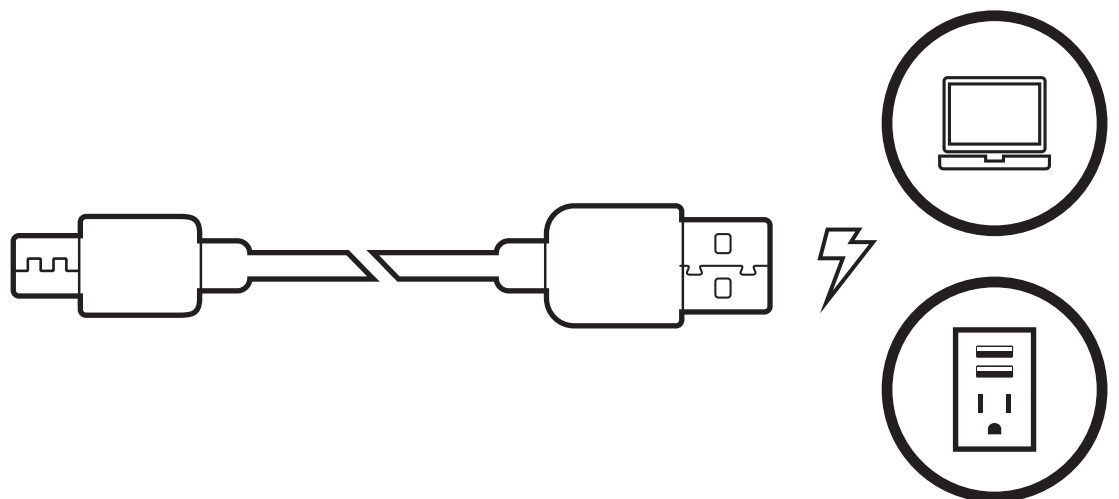
1. Plugged into a computer's USB port

2. With a USB-equipped AC adapter via a wall-outlet charger

Note: Please make sure to take off your helmet while charging. The headset automatically turns off during charging.

Charging the Bluetooth Communication Module

DC Power Charging & Firmware Upgrade Port

Depending upon the charging method, the Bluetooth Module will be fully charged in about 2.5 hours.
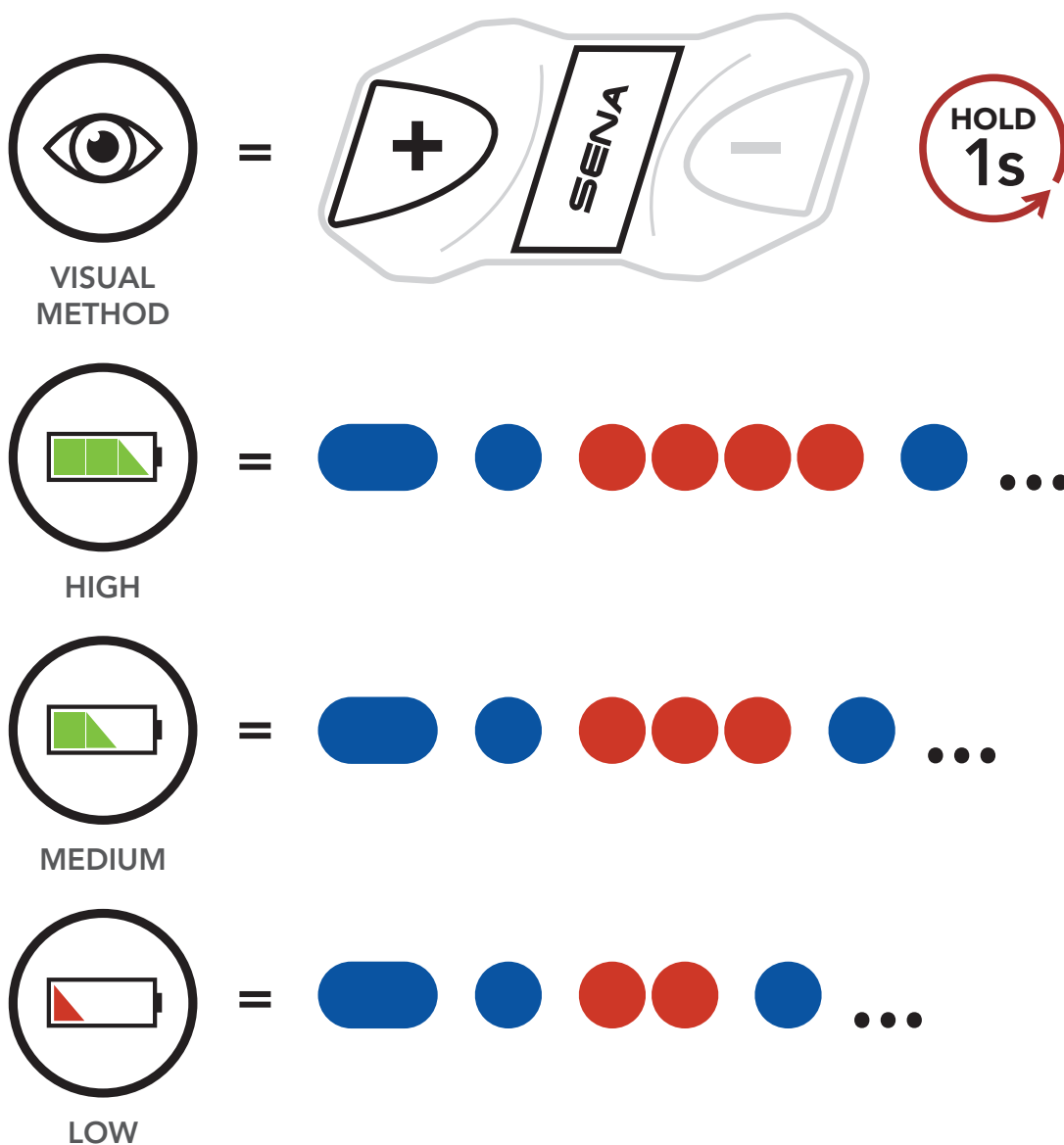
2. GETTING STARTED: BUILT-IN BLUETOOTH SYSTEM

2.4 Checking the Bluetooth Module's Battery Level

There are two ways to check battery level:

1. Visually, with LEDs when powering on.

Battery Level — Visual Method

VISUAL METHOD = HOLD 1s

HIGH =

MEDIUM =

LOW =

Note: Blinking LEDs alternate from blue to red when battery power is low.

2. Audible method: Press and hold the **Center Button** and the **(+) Button** for **3 more seconds** as the headset powers on. A prompt will announce the remaining battery level.
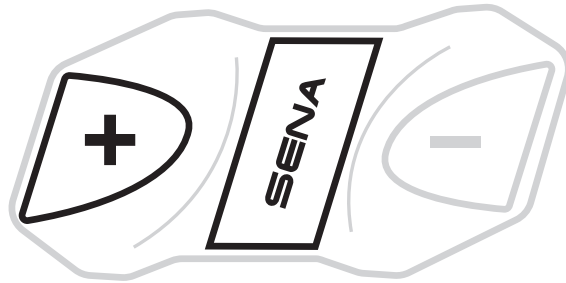
2. GETTING STARTED: BUILT-IN BLUETOOTH SYSTEM

Battery Level — Audible Method

AUDIBLE METHOD = HOLD 3s

"Battery level (high/medium/low)"
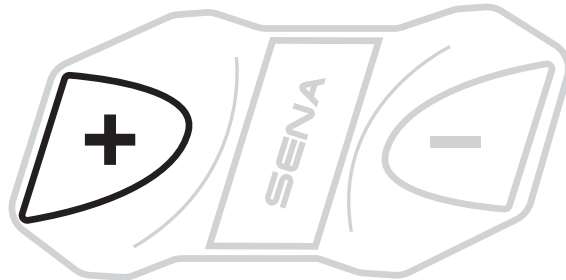
2.5 Volume Adjustment

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 headset is rebooted.
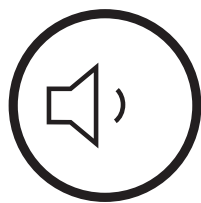
Volume Up

VOLUME UP = TAP 1x

Volume Down

VOLUME DOWN = TAP 1x

2. GETTING STARTED: BUILT-IN BLUETOOTH SYSTEM

2.6 Downloadable Sena Software

2.6.1 Sena Device Manager

The **Sena Device Manager** allows you to upgrade the **Bluetooth Communication Module'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

2.6.2 Sena Smartphone App

The **Sena Smartphone App** allows you to configure the **Bluetooth Communication Module's** settings, as well as access the User's and Quick Start Guides. To do so, pair your mobile phone with your **Cavalry Bluetooth Half Helmet** (please refer to **Section 3: "Pairing the Helmet with other Bluetooth Devices"** for more details). Run the **Sena Smartphone App** and configure the settings directly from your smartphone. You can download the **Sena Smartphone App** for Android and Apple operating systems.

Download on the **App Store**　GET IT ON **Google Play**
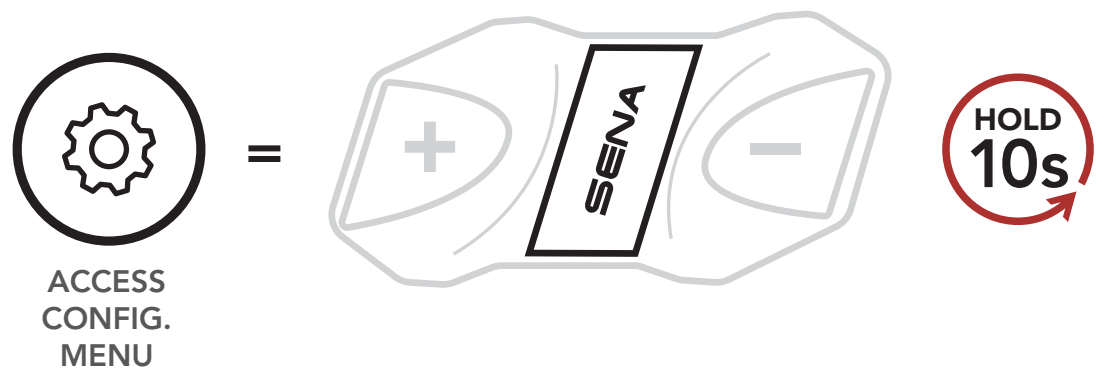
2.7 Configuration Menu

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

MENU
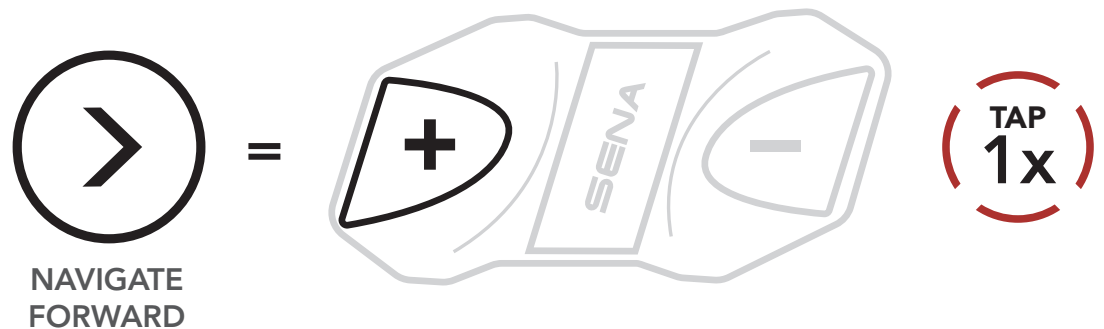
2. GETTING STARTED: BUILT-IN BLUETOOTH SYSTEM

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

Accessing the Configuration Menu

ACCESS CONFIG. MENU = HOLD 10s

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 **Configuration Menu Chart** on page 19.

Navigating Forward through the Menu

NAVIGATE FORWARD = TAP 1x

"(Menu Prompt)"

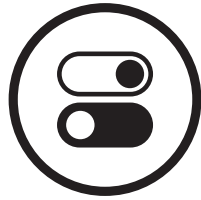**Navigating Backward through the Menu**

NAVIGATE BACKWARD = TAP 1x

"(Menu Prompt)"

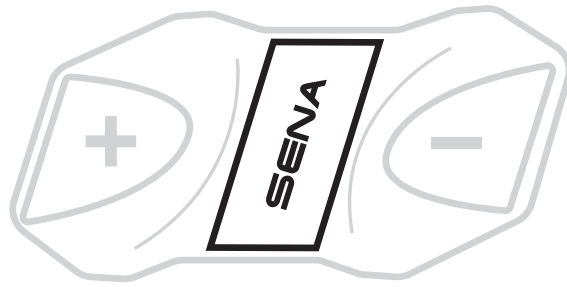# 2. GETTING STARTED: BUILT-IN BLUETOOTH SYSTEM

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

Enable/Disable or Execute a Feature

ENABLE OR DISABLE

EXECUTE

=

TAP
1x

2. GETTING STARTED: BUILT-IN BLUETOOTH SYSTEM

Configuration Menu Chart

Tap the (+) Button or (-) Button the specified number of times		Tap the Center Button
(+) (TAP 1x)	Phone Pairing	Execute
(+) (TAP 2x)	Second Mobile Phone Pairing	Execute
(+) (TAP 3x)	Phone Selective Pairing	Execute
(+) (TAP 4x)	Media Selective Pairing	Execute
(+) (TAP 5x)	Speed Dial	Execute
(+) (TAP 6x)	Audio Boost	Enable/Disable
(+) (TAP 7x)	Voice Prompt	Enable/Disable
(+) (TAP 8x)	RDS AF Setting	Enable/Disable
(-) (TAP 6x)	Advanced Noise Control	Enable/Disable
(-) (TAP 5x)	Delete All Pairings	Execute
(-) (TAP 4x)	Remote Control Pairing	Execute
(-) (TAP 3x)	Universal Intercom Pairing	Execute
(-) (TAP 2x)	Factory Reset	Execute
(-) (TAP 1x)	Exit Configuration	Execute
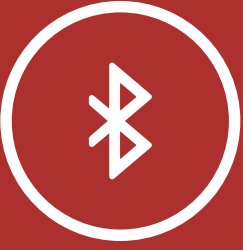
3. PAIRING THE HELMET WITH OTHER BLUETOOTH DEVICES

Before using Cavalry's 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 helmet's Bluetooth Module can pair with multiple Bluetooth devices such as a mobile phone, GPS, MP3 player or Sena SR10 Two-Way Radio Adapter via **Mobile Phone Pairing** and **Second Mobile Phone Pairing**. The Bluetooth Helmet module can also be paired with up to three other Sena headsets.

Mobile Phone

Additional Mobile Phones, GPS, MP3 Player or Sena SR10 Two-Way Radio Adapter

Advanced Selective Pairing: Hands-Free or A2DP Stereo

Bluetooth Communication Module

Pairs with up to three Sena Headsets

Also pairs with:

Mobile Phone	MP3 Player	GPS Devices	Sena SR10
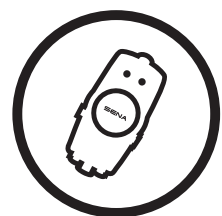
3. PAIRING THE HELMET WITH OTHER BLUETOOTH DEVICES

Mobile Phone

Additional Mobile Phones, GPS, MP3 Player or Sena SR10 Two-Way Radio Adapter

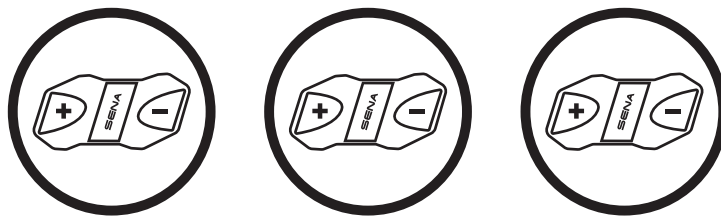**Advanced Selective Pairing: Hands-Free or A2DP Stereo**
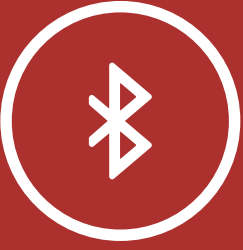
3.1 Mobile Phone

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

Access Phone Pairing in the Configuration Menu

ACCESS CONFIG. MENU = **+** SENA **−** **HOLD 10s**
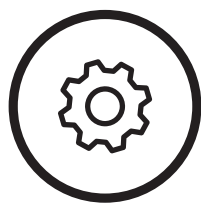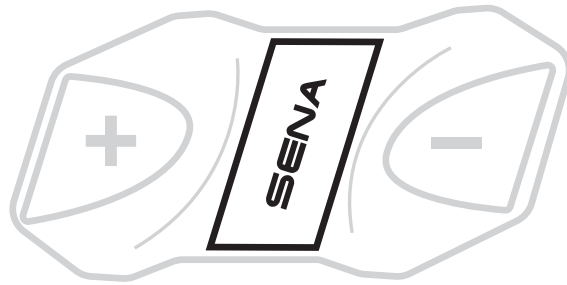
"Configuration menu"
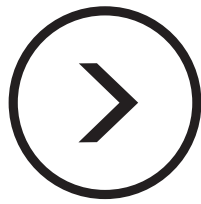
NAVIGATE FORWARD 1X = **+** SENA **−** **TAP 1x**
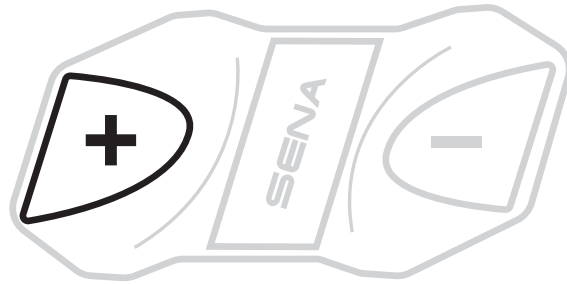
"Phone pairing"

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

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

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

PIN NUMBER = | 0 | 0 | 0 | 0 |

3. PAIRING THE HELMET WITH OTHER BLUETOOTH DEVICES

Mobile Phone

Additional Mobile Phones, GPS, MP3 Player or Sena SR10 Two-Way Radio Adapter

Advanced Selective Pairing: Hands-Free or A2DP Stereo

3.2 Additional Mobile Phones, GPS, MP3 Player or Sena SR10 Two-Way Radio Adapter

1. Execute **Second Mobile Phone Pairing** in the **Configuration Menu**.

Access Second Mobile Phone Pairing in the Configuration Menu

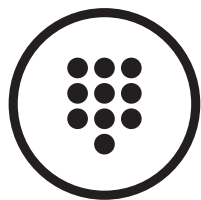ACCESS CONFIG. MENU = HOLD 10s
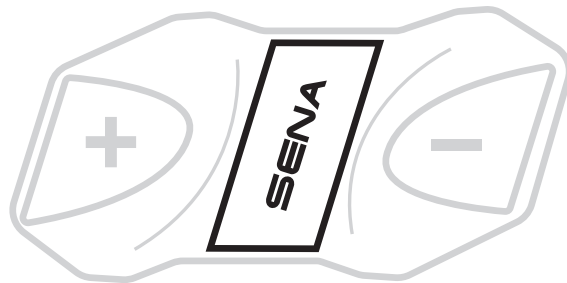
"Configuration menu"
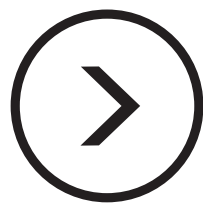
NAVIGATE FORWARD 2X = TAP 2x
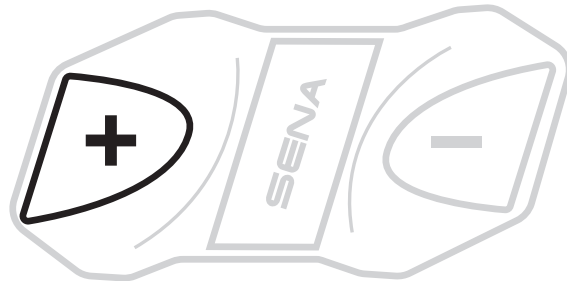
"Second mobile phone pairing"

LED STATUS = Blue flashing lights indicates **device is now discoverable.**

2. With your mobile phone in Bluetooth-pairing mode, select Sena Cavalry in the list of devices detected.
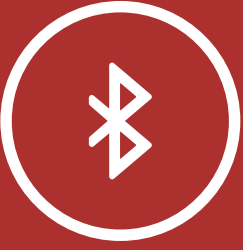
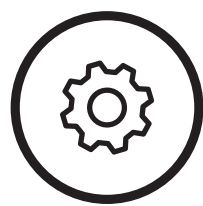# 3. PAIRING THE HELMET WITH OTHER BLUETOOTH DEVICES

Mobile Phone

Additional Mobile Phones, GPS, MP3 Player or Sena SR10 Two-Way Radio Adapter

Advanced Selective Pairing: Hands-Free or A2DP Stereo

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

PIN NUMBER   =   0 0 0 0

3.3 Advanced Selective Pairing: Hands-Free or A2DP Stereo

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

3.3.1 Phone Selective Pairing — Hands-Free Profile
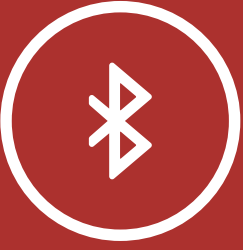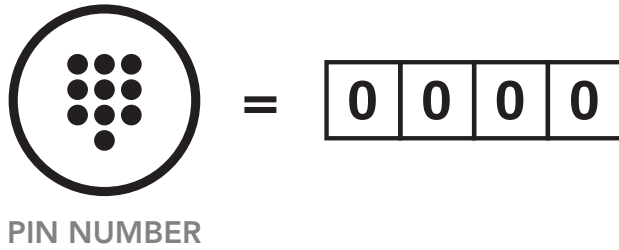
1. Execute **Phone Selective Pairing** in the **Configuration Menu**.

Access Phone Selective Pairing in the Configuration Menu
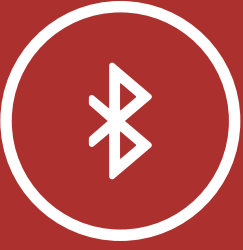
ACCESS CONFIG. MENU   =   HOLD 10s

"Configuration menu"

NAVIGATE FORWARD 3X   =   TAP 3x

3. PAIRING THE HELMET WITH OTHER BLUETOOTH DEVICES

Mobile Phone

Additional Mobile Phones, GPS, MP3 Player or Sena SR10 Two-Way Radio Adapter

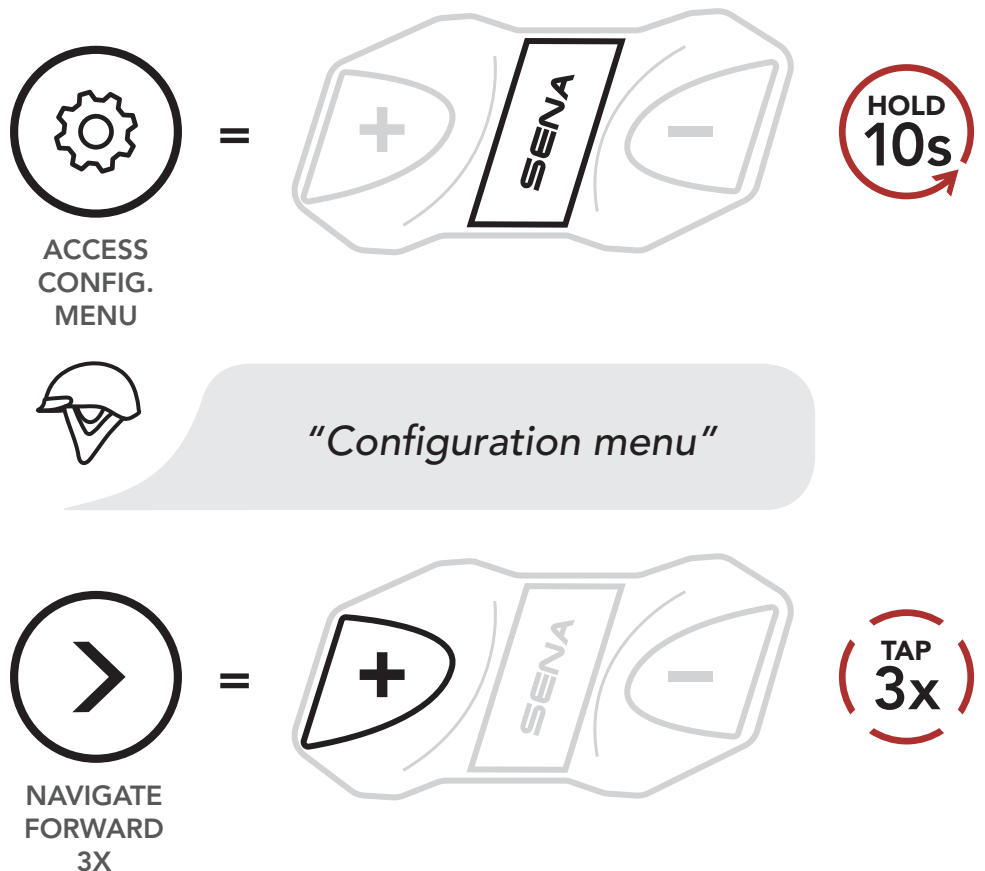**Advanced Selective Pairing: Hands-Free or A2DP Stereo**

"Phone selective pairing"

= Blue flashing lights indicates **device is now discoverable.**

LED STATUS

2. With your hands-free device in Bluetooth-pairing mode, select Sena Cavalry in the list of devices detected.

3. If it asks for a PIN, enter 0000.

= | 0 | 0 | 0 | 0 |

PIN NUMBER

3.3.2 Media Selective Pairing — A2DP Profile

1. Execute **Media Selective Pairing** in the **Configuration Menu**.

Access Media Selective Pairing in the Configuration Menu

= SENA **HOLD 10s**

ACCESS CONFIG. MENU

"Configuration menu"

= + SENA − **TAP 4x**

NAVIGATE FORWARD 4X

3. PAIRING THE HELMET WITH OTHER BLUETOOTH DEVICES

Mobile Phone

Additional Mobile Phones, GPS, MP3 Player or Sena SR10 Two-Way Radio Adapter

Advanced Selective Pairing: Hands-Free or A2DP Stereo
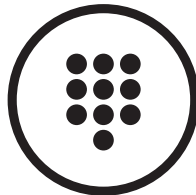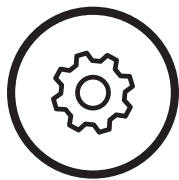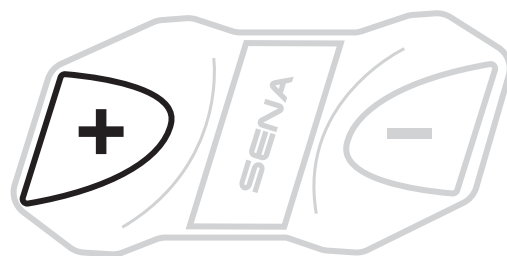
"Media selective pairing"

LED STATUS

= Red flashing light indicates **device is now discoverable.**

2. With your A2DP device in Bluetooth-pairing mode, select Sena Cavalry in the list of devices detected.

3. If it asks for a PIN, enter 0000.

PIN NUMBER

= | 0 | 0 | 0 | 0 |

4. MOBILE PHONE USAGE

4.1 Making and Answering Calls

Answer a Call
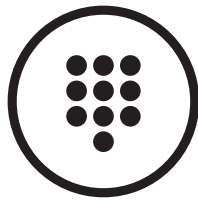
ANSWER = + SENA − (TAP 1x)
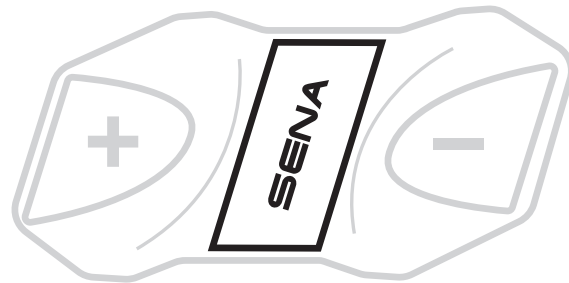
End/Reject a Call

END/REJECT = + SENA − HOLD 2s
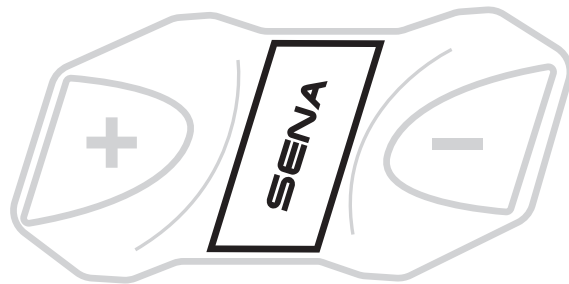
Make a Call with Voice Dialer

VOICE DIAL = + SENA − HOLD 3s
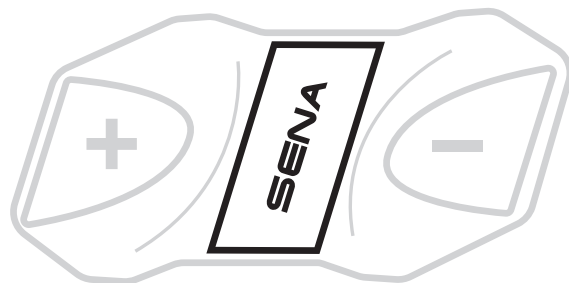
> **Note:** If you have a GPS device connected, you will not hear its voice navigations during a phone call.

4.2 Speed Dialing

4.2.1 Assigning Speed Dial Presets

1. Execute **Speed Dial** in the **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.

4. MOBILE PHONE USAGE

Making and Answering Calls

Speed Dialing

Assigning Speed Dial Presets
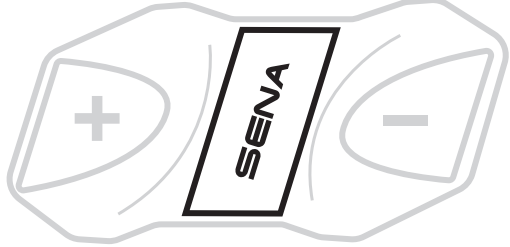
ACCESS CONFIG. MENU = HOLD 10s

"Configuration menu"

NAVIGATE FORWARD 5X = TAP 5x

"Speed dial"

EXECUTE = TAP 1x
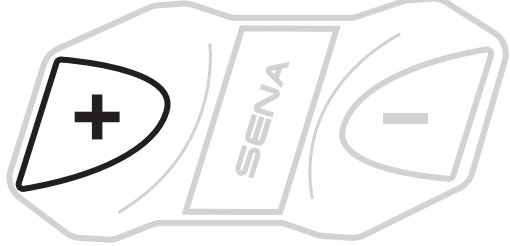
2. Tap the **(+) Button** or the **(-) Button** to set up the three available **Speed Dial Presets**. You will hear the voice prompt, "**Speed dial**" followed by the preset number.

Navigate Forward through Preset Numbers

NAVIGATE FORWARD 1X = TAP 1x

"Speed dial (#)"

4. MOBILE PHONE USAGE

Making and Answering Calls

Speed Dialing

Navigate Backward through Preset Numbers

< = **NAVIGATE BACKWARD 1X**   **TAP 1x**
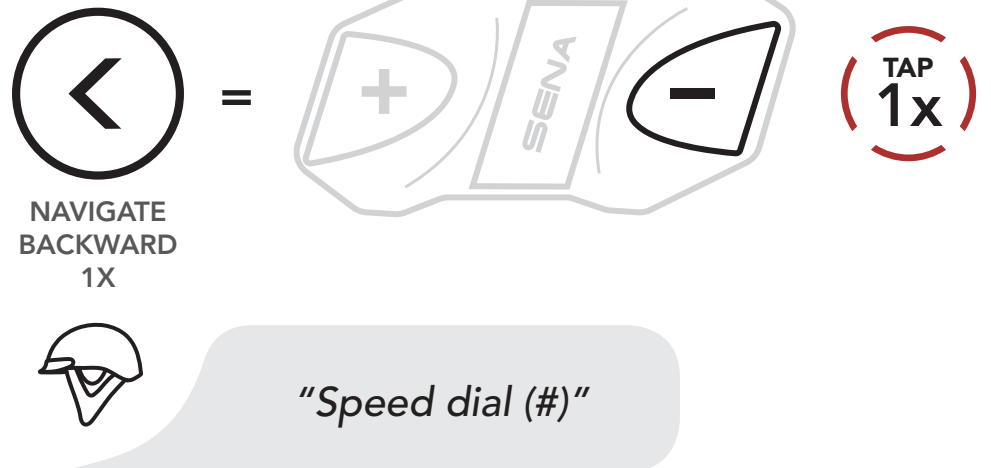
"Speed dial (#)"

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

MOBILE PHONE = Dial the phone number on your mobile phone
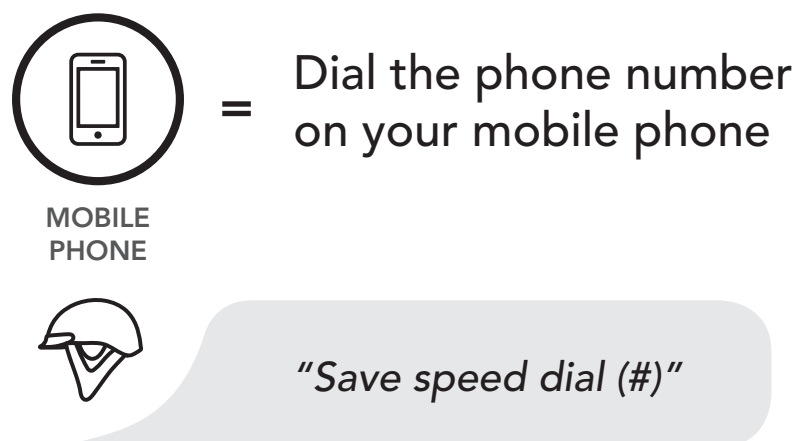
"Save speed dial (#)"

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.

4. MOBILE PHONE USAGE

Making and Answering Calls
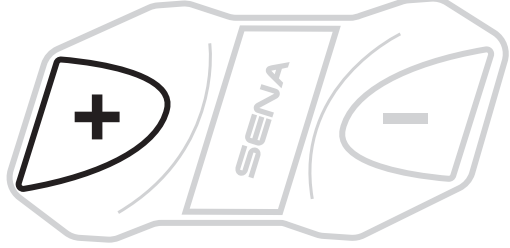
Speed Dialing

Exit Menu

EXIT
MENU

=

TAP
1x

"Cancel"

CONFIRM
CANCEL

=

TAP
1x
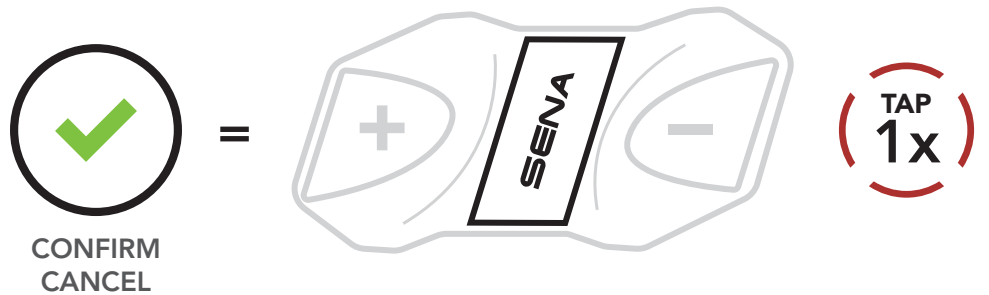
4.2.2 Using Speed Dial Presets

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

SPEED DIAL

=

HOLD
3s
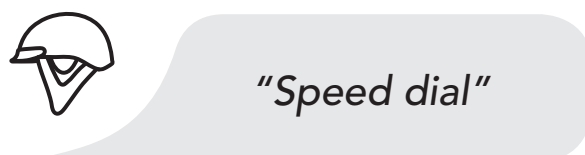
"Speed dial"

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

4. MOBILE PHONE USAGE

Making and Answering Calls

Speed Dialing

Navigate Forward through Speed Dial Preset Numbers

NAVIGATE FORWARD = + TAP 1x

Navigate Backward through Speed Dial Preset Numbers

NAVIGATE BACKWARD = − TAP 1x

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

Redial Last Number

"Last number redial"

REDIAL = SENA TAP 1x
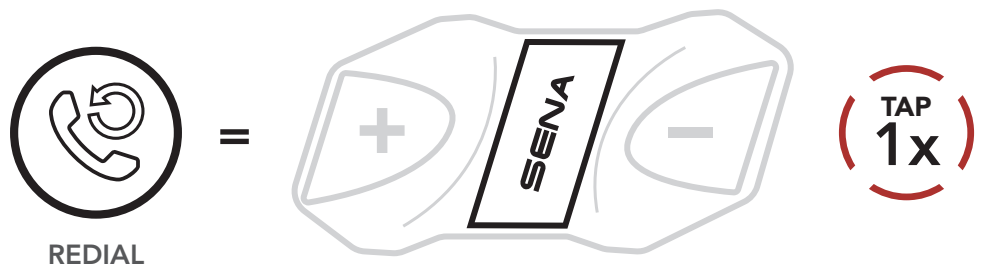
4. To call one of your **Speed Dial Presets**, tap the **Center Button** when you hear the prompt, "**Speed dial (#)**."

4. MOBILE PHONE USAGE

Making and Answering Calls

Speed Dialing

Call a Speed Dial Preset Number

"Speed dial (#)"

SPEED DIAL = + SENA − TAP 1x
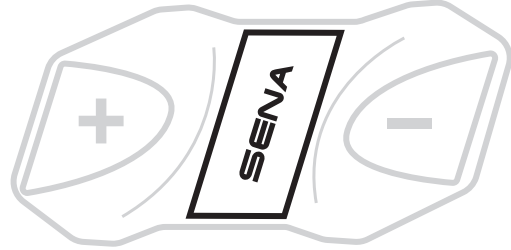
5. STEREO MUSIC

5.1 Playing Music with Bluetooth Devices

Playing Music with Bluetooth Devices

Music Sharing

Audio Boost

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

Play/Pause Music

PLAY/PAUSE = HOLD 1s

"[Beep, Beep]"

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

Volume Up

VOLUME UP = TAP 1x

Volume Down

VOLUME DOWN = TAP 1x

5. STEREO MUSIC

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

Next Track

**SKIP TRACK
FORWARD**

**HOLD
1s**
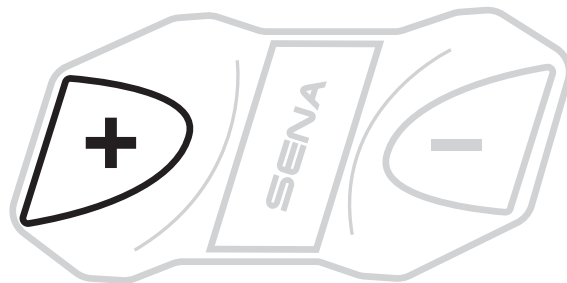
Previous Track
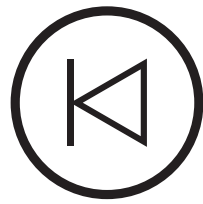
**SKIP TRACK
BACKWARD**

**HOLD
1s**

5.2   Music Sharing

You can share the music you're listening to with an **Intercom Friend** during an intercom conversation. To start or terminate sharing music, press the **Center Button** for **1 second** during an intercom conversation until you hear a double beep. Both you and your **Intercom Friend** can control music playback.

**Sharing Music with an Intercom Friend
during Intercom Conversation**

**SHARE
MUSIC**

**HOLD
1s**

"[Beep, Beep]"

5. STEREO MUSIC

5.3 Audio Boost (Default: Enable)

An **Audio Boost** setting can be found in the **Configuration Menu**. Enabling **Audio Boost** increases the maximum volume limit. Disabling **Audio Boost** reduces the maximum volume limit while delivering more balanced sound.
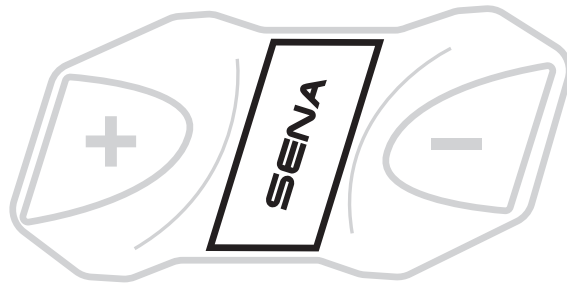
Accessing Audio Boost in the Configuration Menu

ACCESS
CONFIG.
MENU

=

HOLD
10s
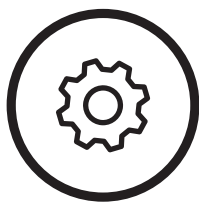
"Configuration menu"
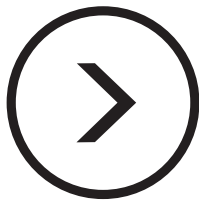
NAVIGATE
FORWARD
6X

=

+

TAP
6x
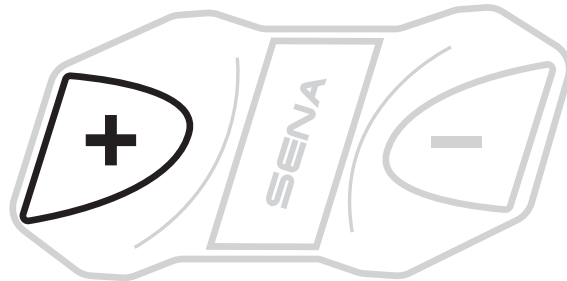
"Audio boost"

ENABLE OR
DISABLE

=

TAP
1x
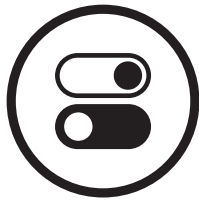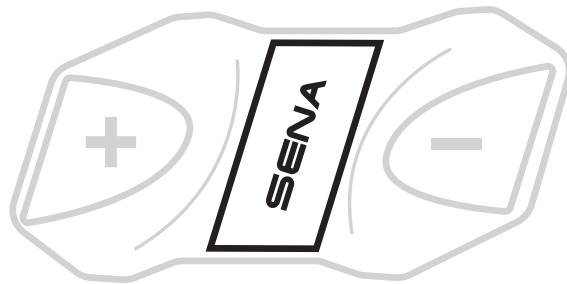
6. INTERCOM SETUP

6.1   Intercom Pairing

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

Pairing with Intercom Friends
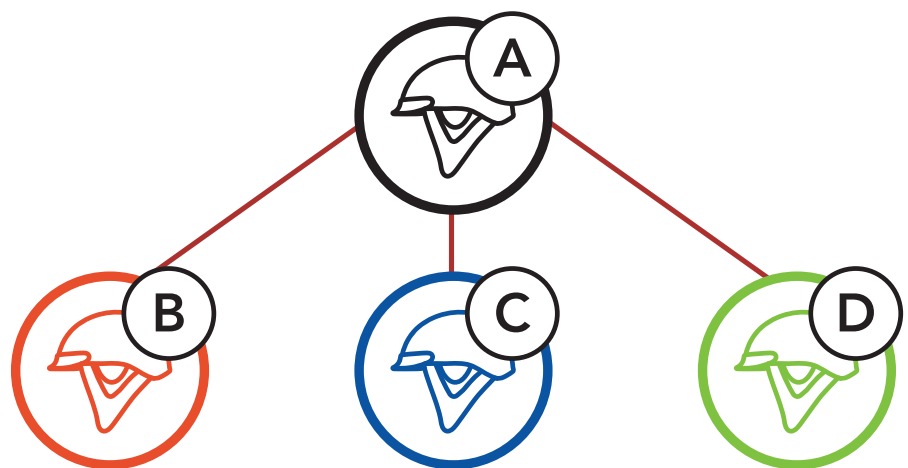
1. Press and hold the **Center Buttons** of two Bluetooth Modules for **5 seconds** until you hear the voice prompt, "**Intercom pairing**."
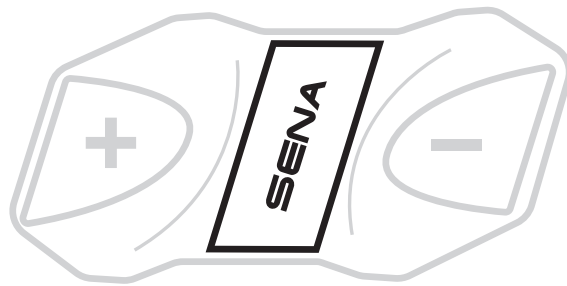
Pairing with Intercom B

YOU

&

=

HOLD 5s

B
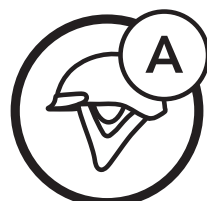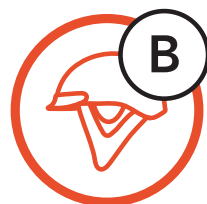
INTERCOM FRIEND B

"Intercom pairing"

=   Red flashing light indicates **device is now discoverable.**

LED STATUS

6. INTERCOM SETUP

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

On Either One of the Devices

A
YOU

or =

B
INTERCOM FRIEND B

TAP
1x
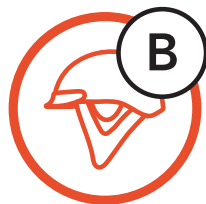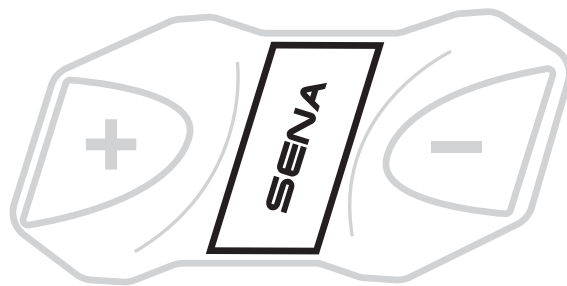
LED STATUS = Blue flashing LED confirms **intercoms are paired.**

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

Intercom Friends

Additional paired headsets are set up as **Intercom Friends**. The intercom pairing order is "**Last-Come, First-Served**." To distinguish between multiple headsets paired to the Cavalry Bluetooth Half Helmet for intercom use, Sena designates the headset paired last as **Intercom Friend 1**. The previous intercom set up is designated **Intercom Friend 2**; the headset paired prior to **Intercom Friend 2** becomes **Intercom Friend 3**.

6. INTERCOM SETUP

Intercom Pairing

Two-Way Intercom

Multi-Way Intercom

Three-Way Conference Phone Call with Intercom Users

Group Intercom

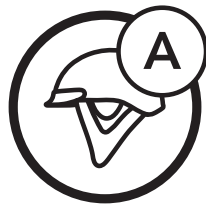**Universal Intercom**

Advanced Noise Control™

Last-Come, First-Served
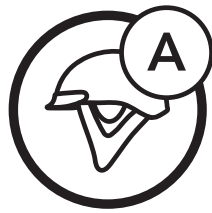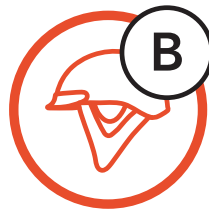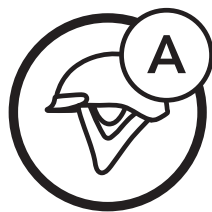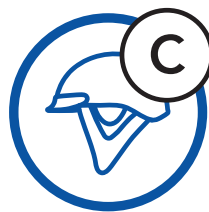
A
YOU

B
Intercom Friend 1

A
YOU

C
Intercom Friend 1

B
Intercom Friend 2

A
YOU

D
Intercom Friend 1

C
Intercom Friend 2
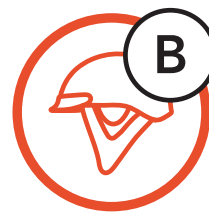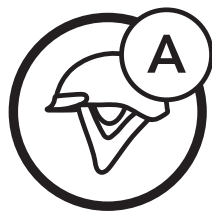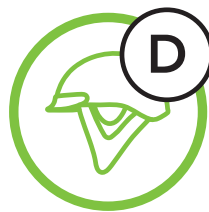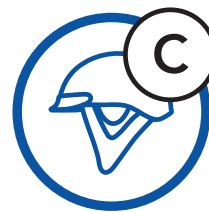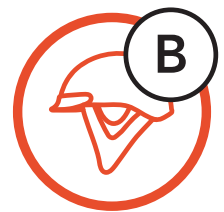
B
Intercom Friend 3

6.2 Two-Way Intercom

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

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

Start/End Two-Way Intercom with Intercom Friend 1

D
INTERCOM FRIEND 1

= + SENA − TAP 1x
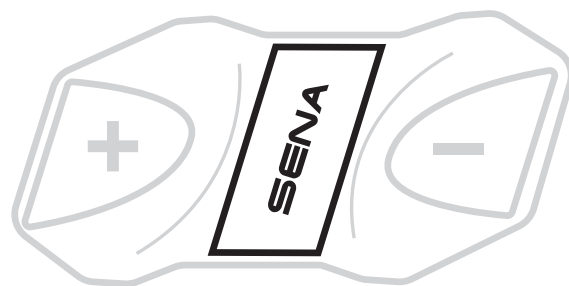
6. INTERCOM SETUP

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

Start/End Two-Way Intercom with Intercom Friend 2
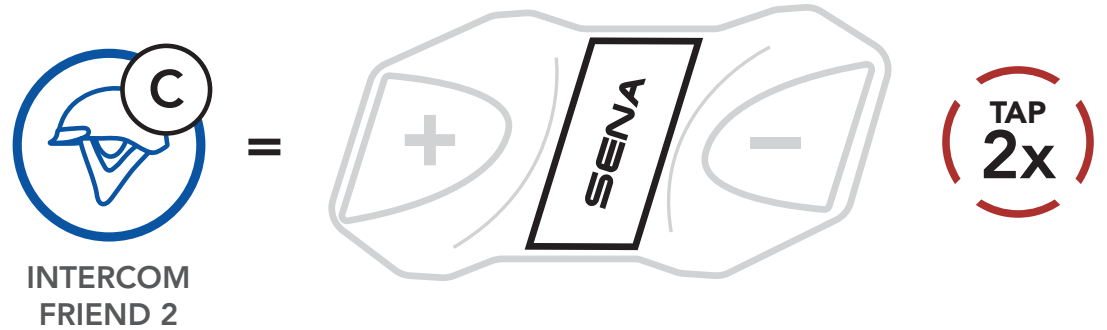
3. Tap three times for **Intercom Friend 3.**

Start/End Two-Way Intercom with Intercom Friend 3
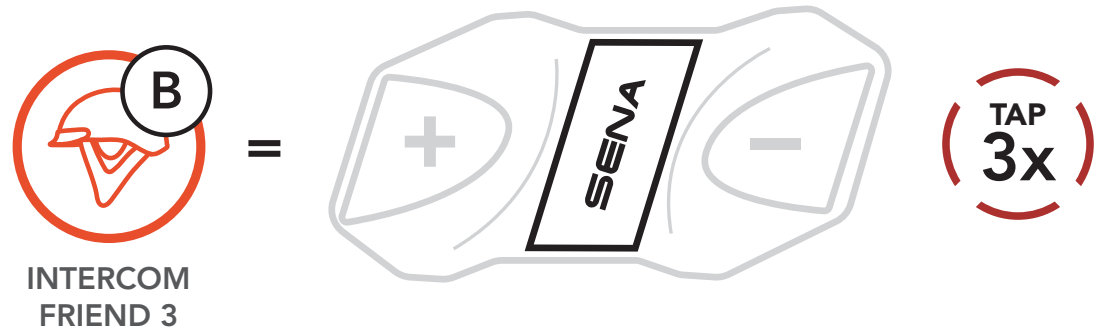
6.3 Multi-Way Intercom

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

6. INTERCOM SETUP

Pair with Intercom Friends B & C

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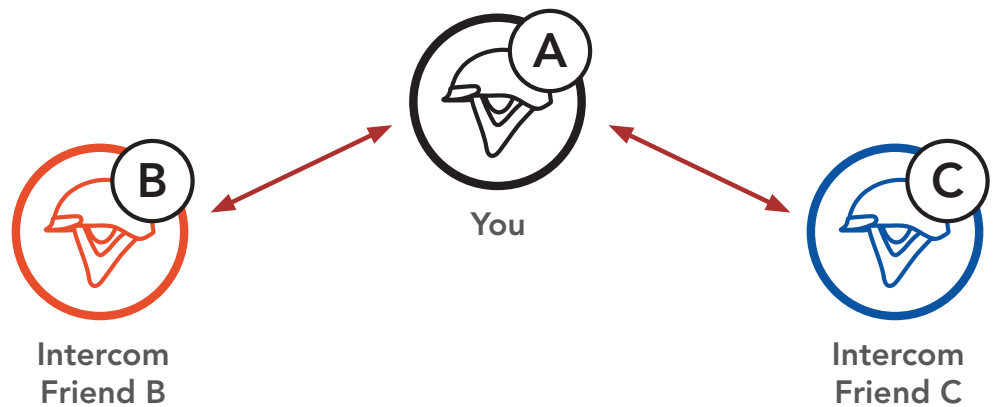
2. Start an intercom conversation with one of the two friends in your intercom group. For example, **you (A)** may start an intercom conversation with the **Intercom Friend (B).** Or, **Intercom Friend (B)** may start an intercom call with **you (A).**

Starting an Intercom Conversation with Intercom Friend B

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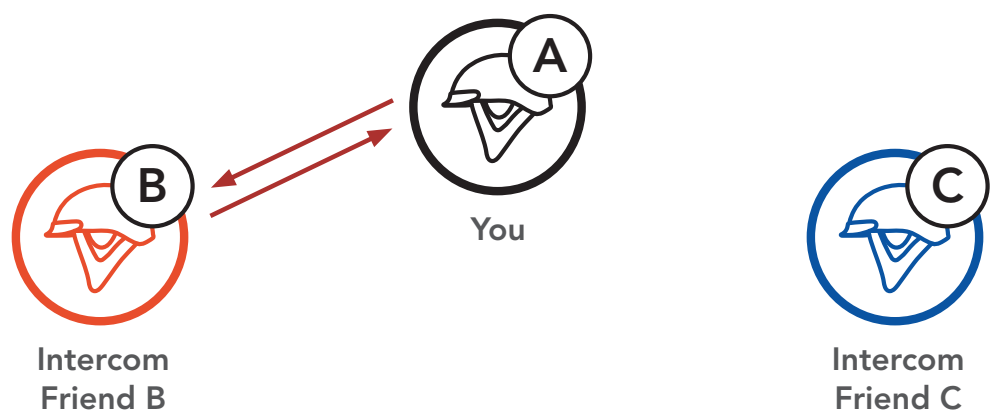
3. Then, **you (A)** can call the second **Intercom Friend (C)**, or the second **Intercom Friend (C)** may join the intercom by making an intercom call to **you (A).**

Starting an Intercom Conversation with Intercom Friend C
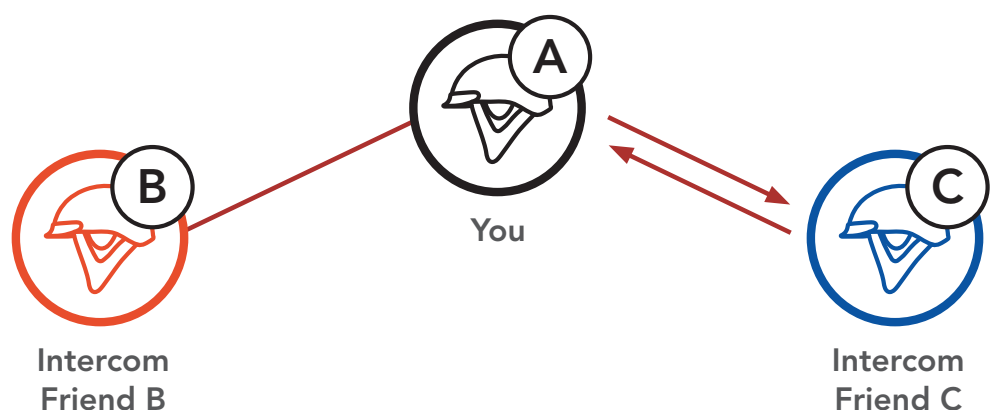
B — Intercom Friend B | A — You | C — Intercom Friend C

6. INTERCOM SETUP

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

Three-Way Conference

You

A

B

Intercom
Friend B

C
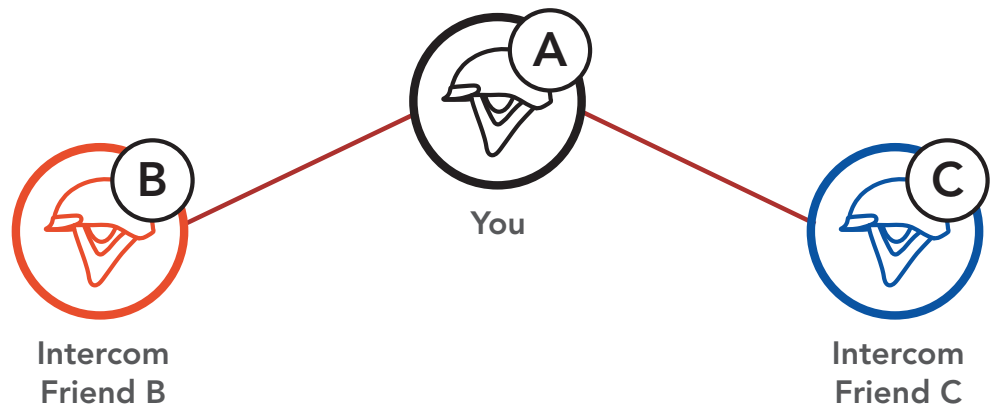
Intercom
Friend C

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

B

Intercom
Friend B

A

YOU

C

Intercom
Friend C

D
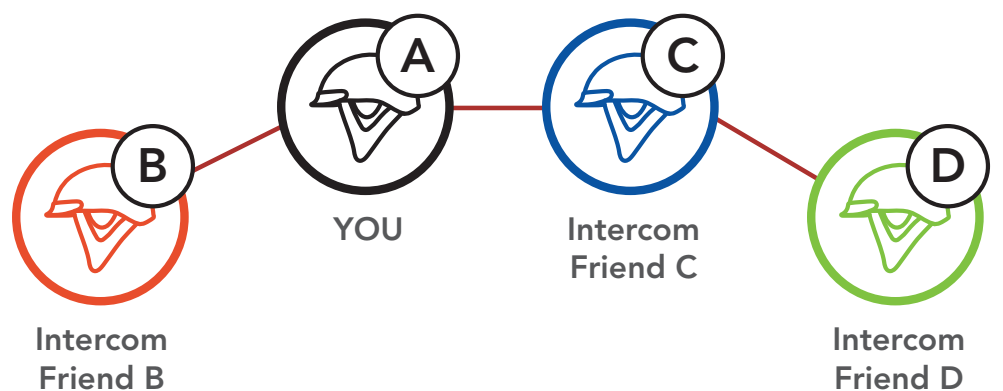
Intercom
Friend D

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. INTERCOM SETUP

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

ADD AN
INTERCOM
FRIEND
TO CALL

=

+ SENA −   TAP 1x
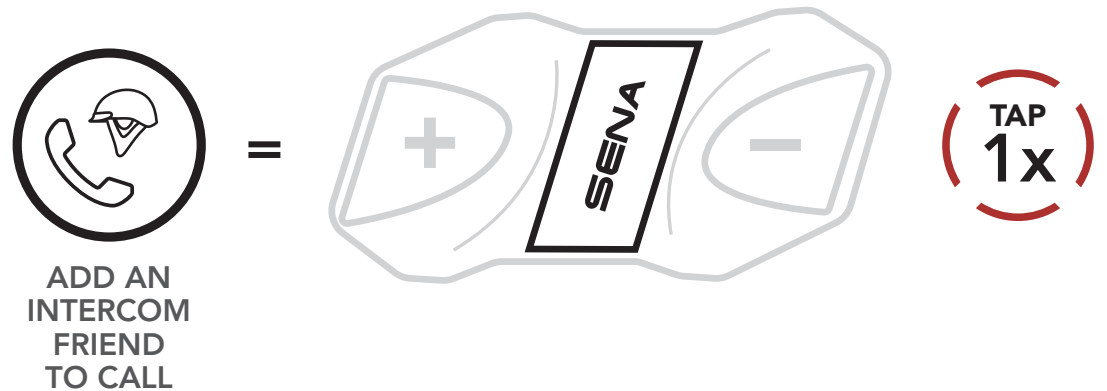
2. To disconnect the intercom during a conference phone call, tap the **Center Button**.

Disconnect Intercom Friend from Conference

DISCONNECT
INTERCOM

=

+ SENA −   TAP 1x
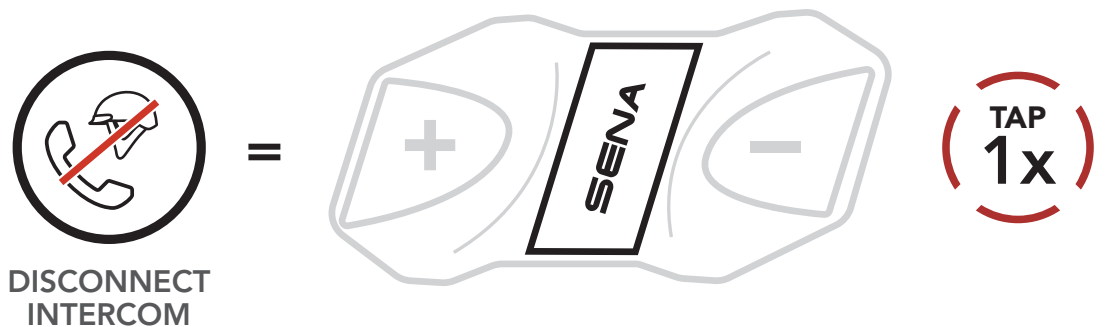
3. To disconnect the mobile phone call during a conference phone call, press the **Center Button** for **2 seconds**.

End Phone Call
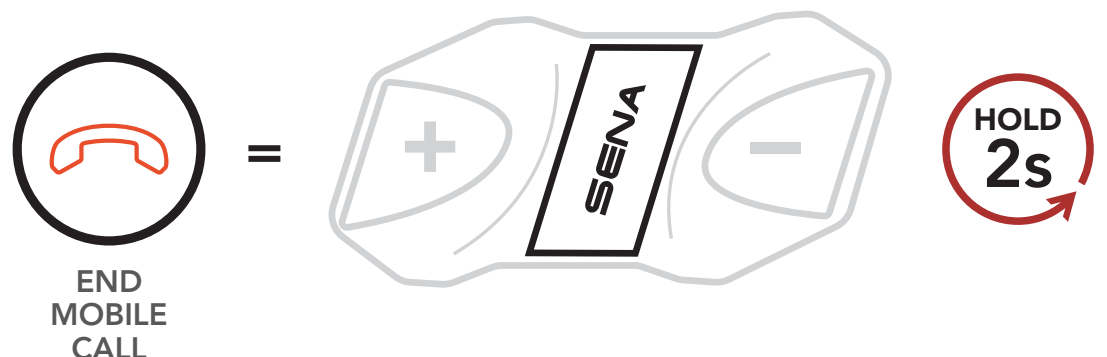
END
MOBILE
CALL

=

+ SENA −   HOLD 2s

6. INTERCOM SETUP

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 indicates that the device is now in Group Intercom mode and you will hear a voice prompt, "**Group intercom**."

Start Group Intercom
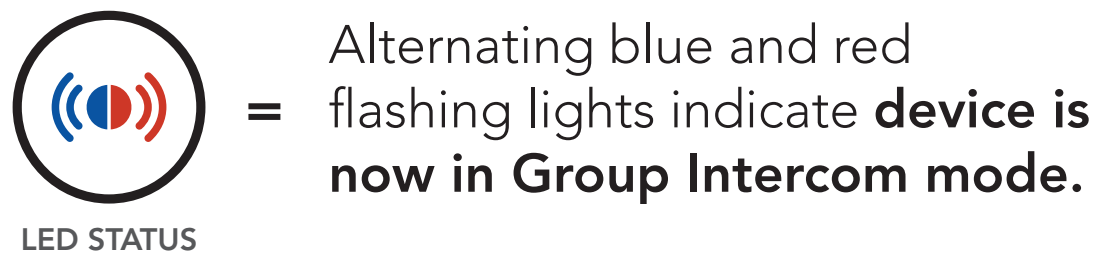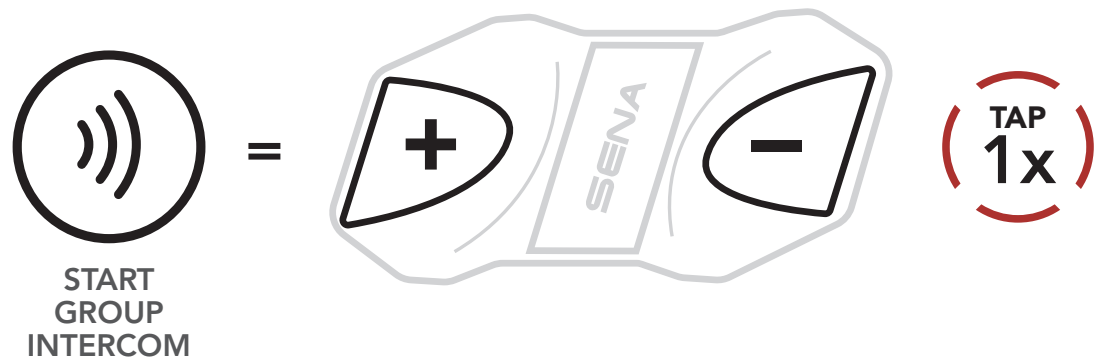
))) = (+) SENA (–) (TAP 1x)

START GROUP INTERCOM

((●)) = Alternating blue and red flashing lights indicate **device is now in Group Intercom mode.**

LED STATUS

"Group intercom"

6. INTERCOM SETUP

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

HOLD
1s
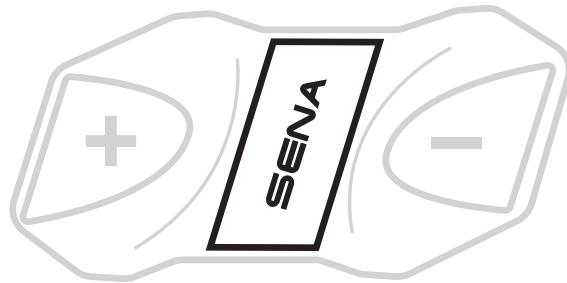
"Group intercom terminated"

6.6   Universal Intercom

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

1. Execute **Universal Intercom** in the **Configuration Menu**. Please refer to **Section 2.7: "Configuration Menu"** for more details.

6. INTERCOM SETUP

Access Universal Intercom in the Configuration Menu

ACCESS CONFIG. MENU = HOLD 10s

"Configuration menu"

NAVIGATE BACKWARD 3X = TAP 3x

"Universal intercom"

EXECUTE = TAP 1x

2. Put the non-Sena Bluetooth headset in Pairing Mode. The Cavalry Bluetooth Half Helmet will automatically pair with a non-Sena Bluetooth headset.

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

6. INTERCOM SETUP

Example of a Three-Way Universal Intercom

You

Non-Sena Headset

Sena Headset
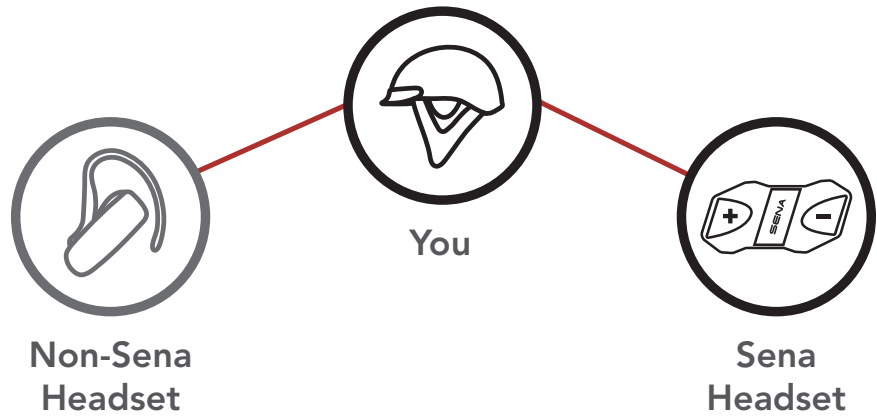
Example of a Four-Way Universal Intercom

You

Sena Headset

Non-Sena Headset

Non-Sena Headset
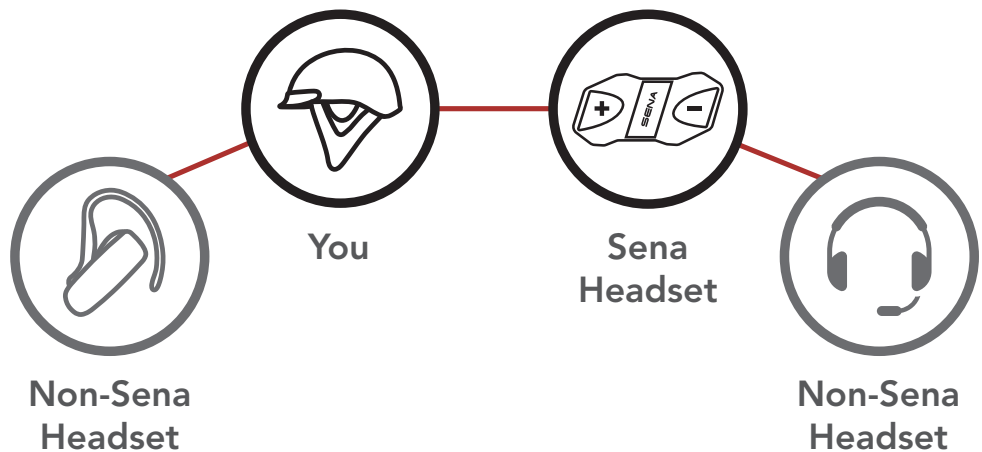
6.7 Advanced Noise Control™ (Default: Enable)

An **Advanced Noise Control** setting can be found in the **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.

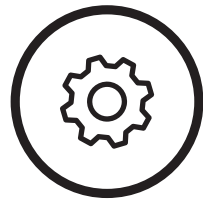# 6. INTERCOM SETUP

Intercom Pairing

Two-Way Intercom

Multi-Way Intercom

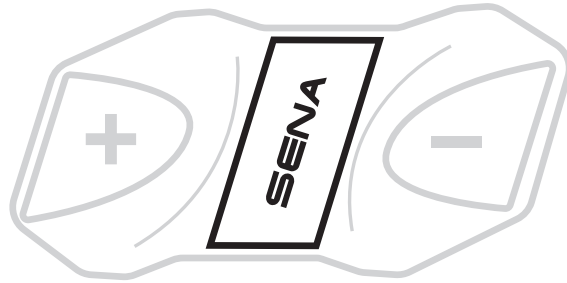**Three-Way Conference Phone Call with Intercom Users**

Group Intercom
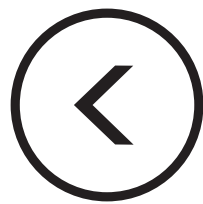
Universal Intercom

Advanced Noise Control™

Access Advanced Noise Control in the Configuration Menu

⚙ = [+] **SENA** [−] HOLD 10s

ACCESS CONFIG. MENU

"Configuration menu"

< = [+] [SENA] [**−**] TAP 6x
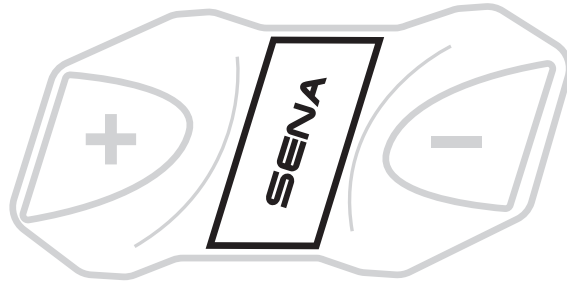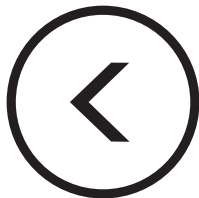
NAVIGATE BACKWARD 6X

"Noise control"

⊟ = [+] **SENA** [−] TAP 1x
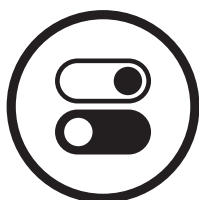
ENABLE OR DISABLE
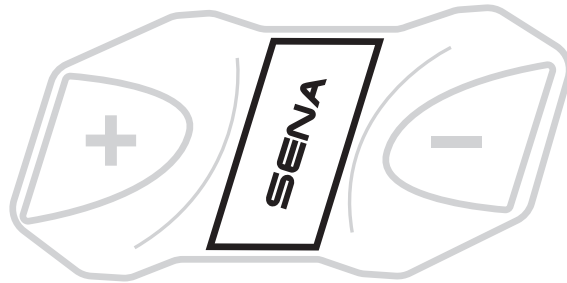
7. USING THE FM RADIO

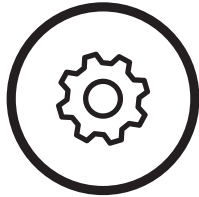## 7.1 FM Radio On/Off

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

FM Radio On

FM RADIO
ON

=

HOLD
1s

"[Beep, Beep]"

FM Radio Off

FM RADIO
OFF

=

HOLD
1s

"[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
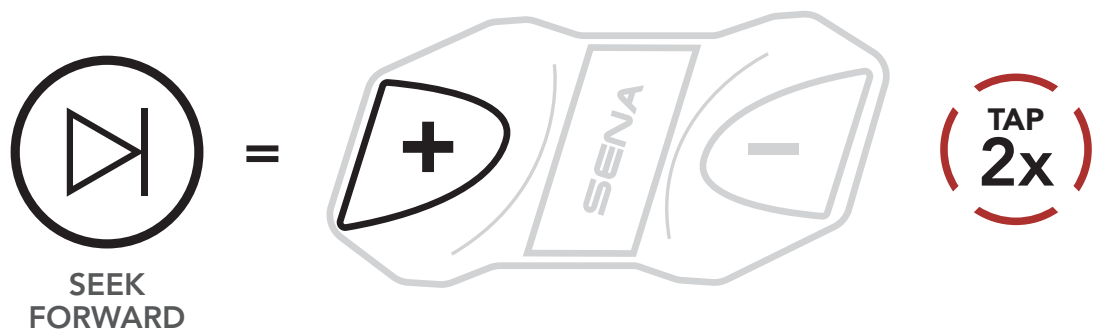
SEEK
FORWARD

=

TAP
2x

7. USING THE FM RADIO

Seek Stations Backward

| ⏮ | = | + − | TAP 2x |

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

| 💾 | = | + SENA − | HOLD 3s |

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

| ❯ | = | + − | TAP 1x |
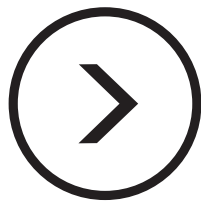
NAVIGATE FORWARD

7. USING THE FM RADIO

Navigate Backward through Preset Stations

< = (−)

NAVIGATE BACKWARD

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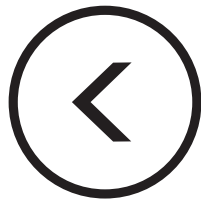
4. Press and hold the **(+) Button** for **1 second** to save the station in the preset number you choose. Or, press and hold the **(-) Button** for **1 second** to delete the station from memory.

Save Station to the Preset Number

💾 = (+)

SAVE TO PRESET #

HOLD 1s
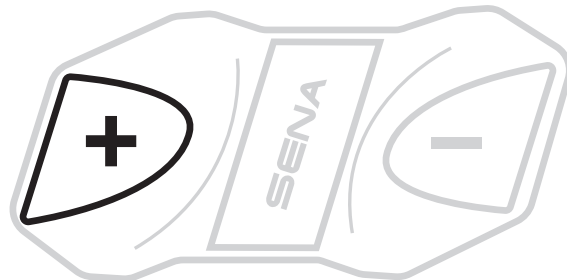
Delete Station from Memory

🗑 = (−)

DELETE STATION

HOLD 1s

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.

7. USING THE FM RADIO

Scan and Save Radio Stations

START SCANNING = + HOLD 1s
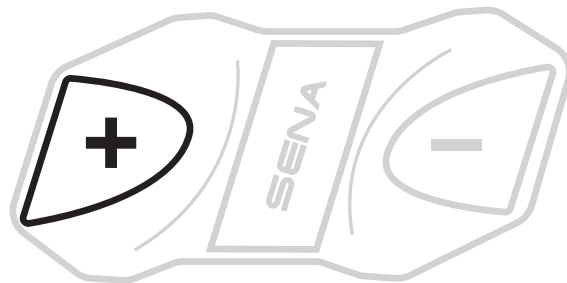
2. The Sena tuner pauses at each station it finds for **8 seconds** before moving to the next.

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

Save the Current Station

SAVE STATION = TAP 1x

"Preset (#)"

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

Stop Scanning

STOP SCANNING = + HOLD 1s
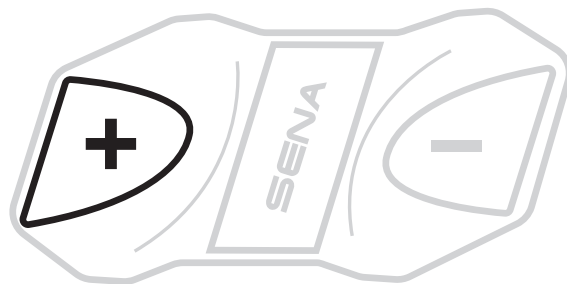
7.4 Temporary Station Preset

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

7. USING THE FM RADIO

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

Temporary Stations

TEMPORARY STATIONS = + — TAP 3x
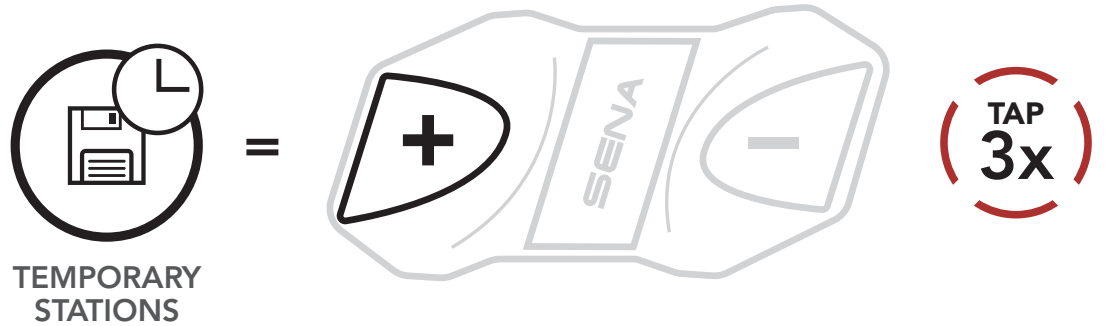
2. The temporary preset stations will be cleared when the Bluetooth Module reboots.

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

NAVIGATE FORWARD = + SENA — HOLD 1s
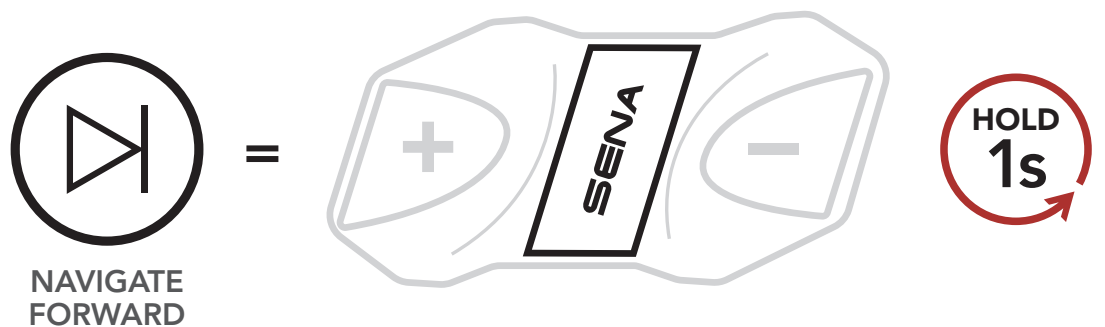
Note: You can use the **Sena Device Manager** or the **Sena Smartphone App** to save the preset stations.

7. USING THE FM RADIO

7.6 Region Selection (Default: Worldwide)

You can select the proper FM frequency range for your location from the **Sena Device Manager** or the **Sena Smartphone 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

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

The **RDS AF** setting can be found in the **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.

7. USING THE FM RADIO

FM Radio On/Off

Seek and Save Radio Stations

Scan and Save Radio Stations

Temporary Station Preset
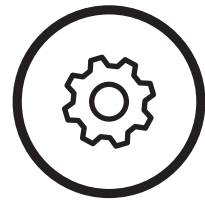
Navigating Preset Stations

Region Selection

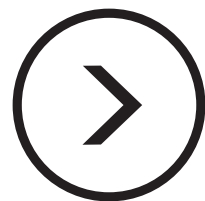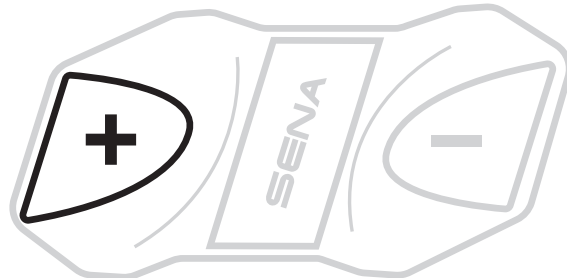**Radio Data System (RDS) Alternative Frequency (AF)**

Access RDS AF Setting in the Configuration Menu

ACCESS CONFIG. MENU = HOLD 10s
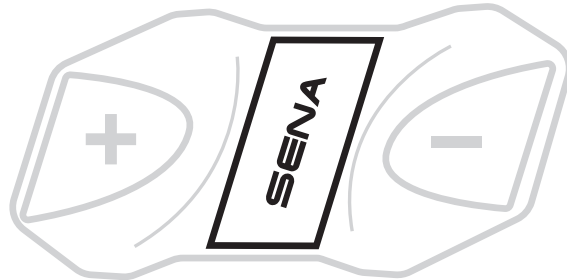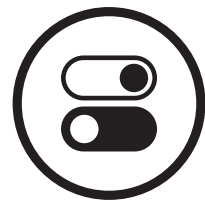
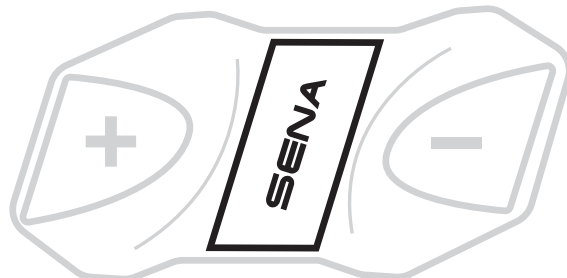*"Configuration menu"*

NAVIGATE FORWARD 8X = TAP 8x

"RDS AF setting"

ENABLE OR DISABLE = TAP 1x

8. GENERAL SETTINGS

8.1 Function Priority

The headset prioritizes connected devices in the following order:

(highest)   Mobile phone

Intercom

Music sharing via Bluetooth stereo

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 Cavalry Bluetooth Half Helmet supports firmware upgrades. You can upgrade the firmware using the **Sena Device Manager**. Please refer to **Section 2.6.1: "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 **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 Configuration Menu, battery level indication, speed dial, and FM radio functions.

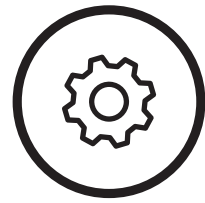# 8. GENERAL SETTINGS

Function Priority

Firmware Upgrades

Voice Prompts

Deleting All Bluetooth Pairing Information

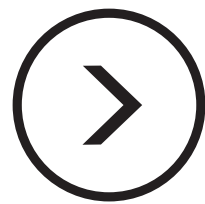## Access Voice Prompt in the Configuration Menu

ACCESS CONFIG. MENU
= + SENA − **HOLD 10s**
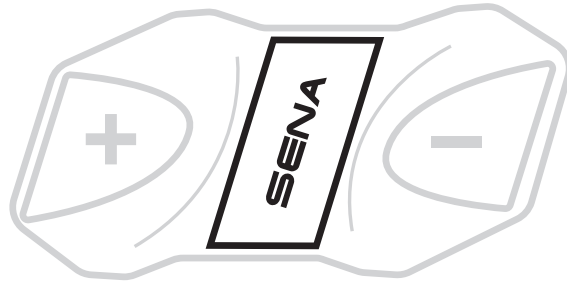
"Configuration menu"

NAVIGATE FORWARD 7X
> = + SENA − **TAP 7x**
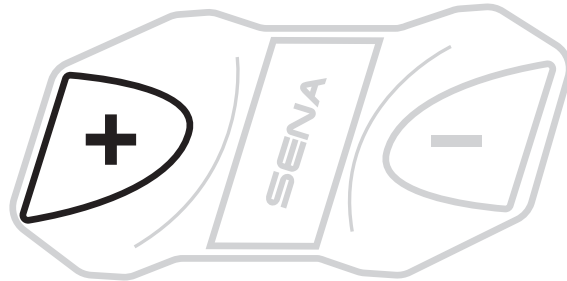
"Voice prompt"

ENABLE OR DISABLE
= + SENA − **TAP 1x**

8. GENERAL SETTINGS

8.4 Delete All Bluetooth Pairing Information

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

ACCESS CONFIG. MENU

=

HOLD 10s
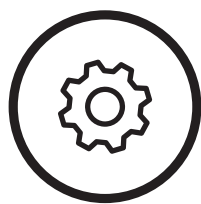
"Configuration menu"
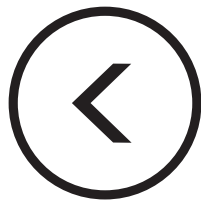
NAVIGATE BACKWARD 5X

=

TAP 5x

"Delete all pairings"

EXECUTE

=

TAP 1x

9. REMOTE CONTROL

Pairing with the Remote Control

You can remotely control the Bluetooth Module using Sena Remote Control devices (sold separately) such as a Handlebar Remote or a Wristband Remote. This eliminates the need to remove your hands from the handlebars for button operations.

9.1 Pairing with the Remote Control

1. Turn on the Bluetooth Module and the Remote Control device.

2. Execute **Remote Control Pairing** in the **Configuration Menu**. Please refer to **Section 2.7: "Configuration Menu"** for more details.

Access Remote Control Pairing in the Configuration Menu

ACCESS
CONFIG.
MENU
=

HOLD
10s
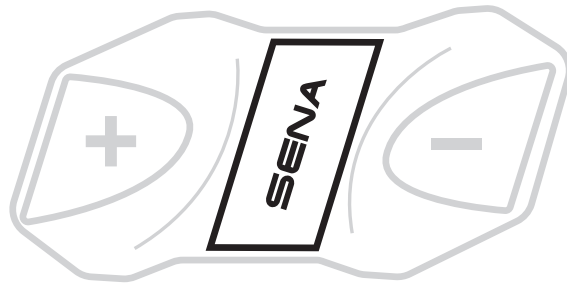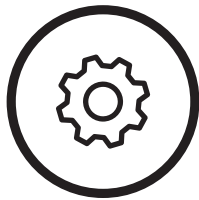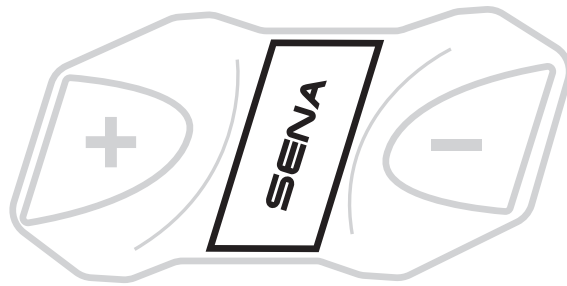
"Configuration menu"
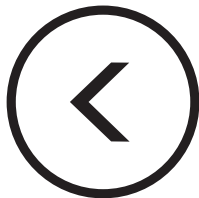
NAVIGATE
BACKWARD
4X
=

TAP
4x

"Remote control pairing"

EXECUTE
=

TAP
1x
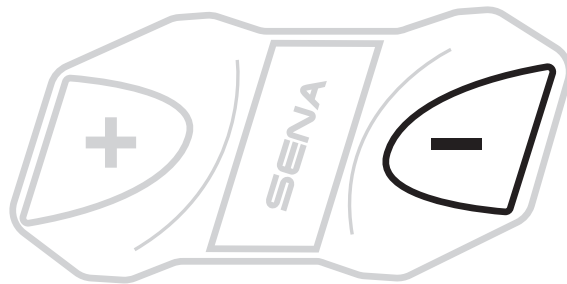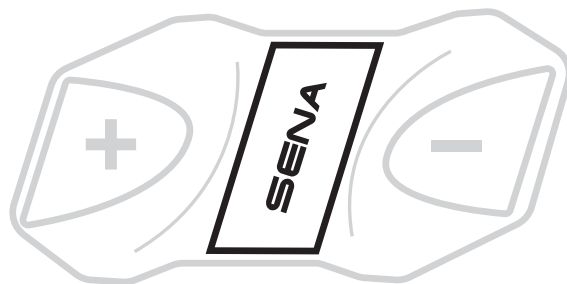
9. REMOTE CONTROL

Pairing with the Remote Control

3. Enter pairing mode in the Remote Control device. The Bluetooth Module 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"

10. TROUBLESHOOTING

Fault Reset

Factory Reset

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 **Sena Cavalry Bluetooth Half Helmet**.

Click Here to Visit Sena.com

10.1 Fault Reset

When the helmet's Bluetooth Module is not working properly, you can easily reset the unit:

1. Locate the pinhole reset button below the **(+) Button**.

2. Gently insert a paper clip into the hole and press the **Fault Reset Button** for **1 second** with light pressure.

Fault Reset

FAULT RESET = HOLD 1s
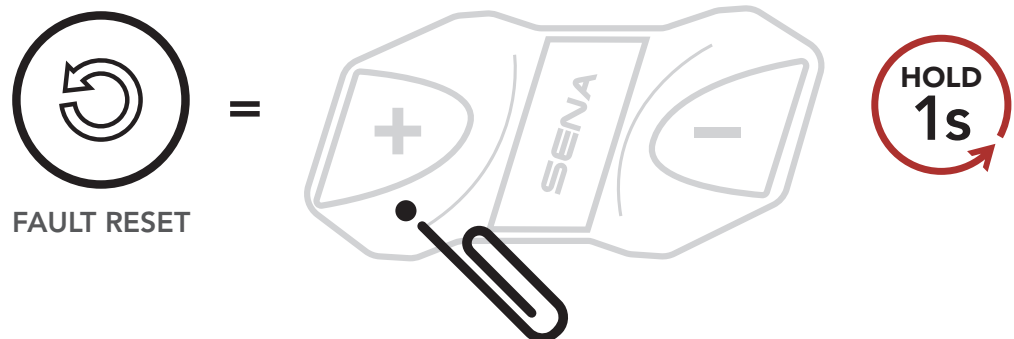
3. The communication module will shut down.

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

10. TROUBLESHOOTING

10.2 Factory Reset

Fault Reset

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 in the **Configuration Menu**. Please refer to **Section 2.7: "Configuration Menu"** for more details.

Access Factory Reset in the Configuration Menu

⚙ = ➕ SENA ➖ HOLD 10s

ACCESS CONFIG. MENU

"Configuration menu"

‹ = ➕ SENA ➖ TAP 2x
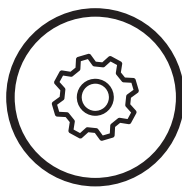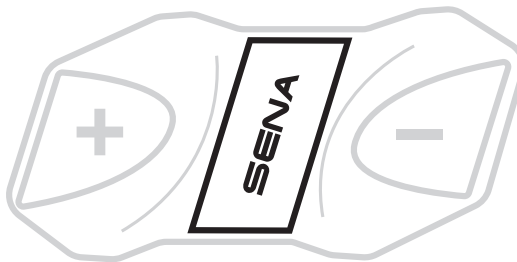
NAVIGATE BACKWARD 2X

"Factory reset"

✔ = ➕ SENA ➖ TAP 1x

EXECUTE
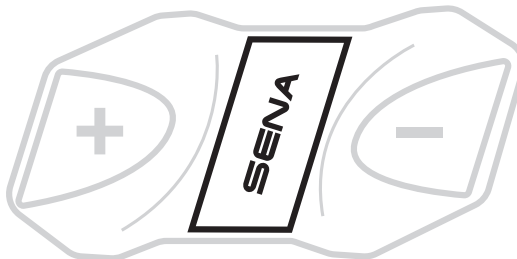
11. MAINTENANCE AND CARE

11.1 Outer Shell

Use a soft cloth and a small amount of water to remove bugs from the exterior.

Note: 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. The full safety function of the helmet can then no longer be guaranteed.
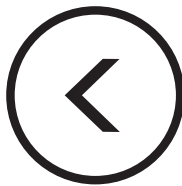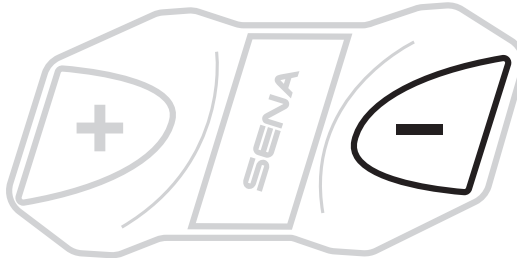
11.2 Inner Lining

The inner lining of the **Sena Cavalry Bluetooth Half Helmet** is completely removable. Its headliner can be washed by hand using mild soap at a maximum temperature of 30°C (86°F). Allow the lining to dry at room temperature.

11.3 Storing the Helmet

Store the helmet in a dry, dark, well-ventilated location, out of the reach of children and animals. Always position the helmet so that it cannot fall to the floor. Damage that occurs in this way is not covered by the warranty.

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