SENA

CAVALRY LITE
BLUETOOTH® HALF HELMET

MENU

RIDE CONNECTED

Blast your favorite tunes, talk over the intercom with your buddies, hear directions from your GPS and more, all through your Sena Cavalry Lite Bluetooth Half Helmet. With built-in Bluetooth® capabilities, HD speakers and a microphone using Advanced Noise Control™, technology has never felt so minimal or freeing.

Bluetooth® Integrated

Two-Way Intercom

Built-in Speakers and Mic

Music Sharing

Advanced Noise Control™

100-Meter Intercom

GETTING STARTED

1. **A FULL VERSION OF THE USER'S GUIDE CAN BE DOWNLOADED.**

2. Update this product for free with the latest firmware to fully enjoy the new advanced features built into this product.

3. Users can follow Sena on Facebook, YouTube and Instagram to receive the most up to date information on products, helpful tips and all other announcements regarding Sena products.
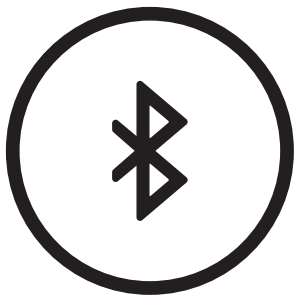
CLICK ANY SECTION TO BEGIN
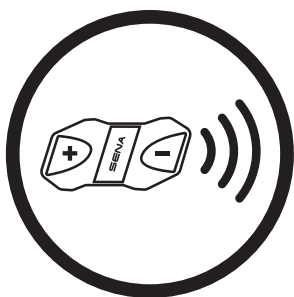
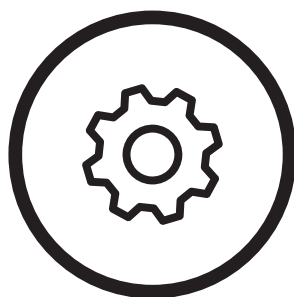**ABOUT THE HELMET**
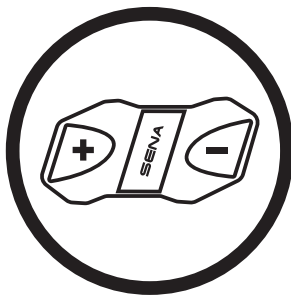
BLUETOOTH MODULE

PAIRING WITH DEVICES

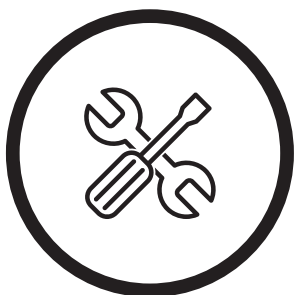**MOBILE PHONE USAGE**

STEREO MUSIC

INTERCOM SETUP

USING THE FM RADIO

GENERAL SETTINGS

REMOTE CONTROL

TROUBLE-SHOOTING

MAINTENANCE AND CARE

LEGEND:

⏻ = [+ SENA −] HOLD 1s
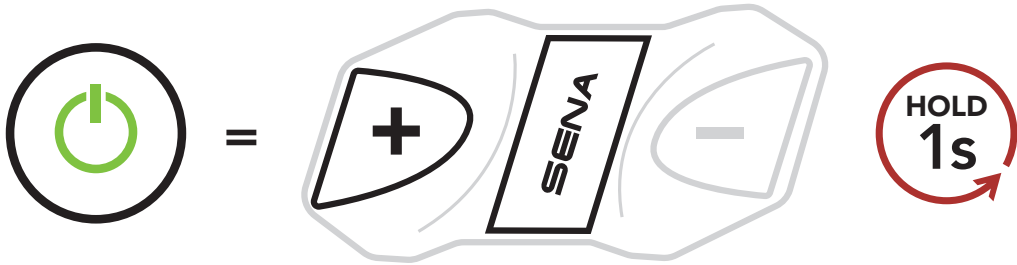
Function = Highlighted Button(s) to **Tap or Hold**

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

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TABLE OF CONTENTS CONTINUED

1. ABOUT THE CAVALRY LITE 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 Lite 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 Cavalry Lite 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 LITE 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 LITE 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
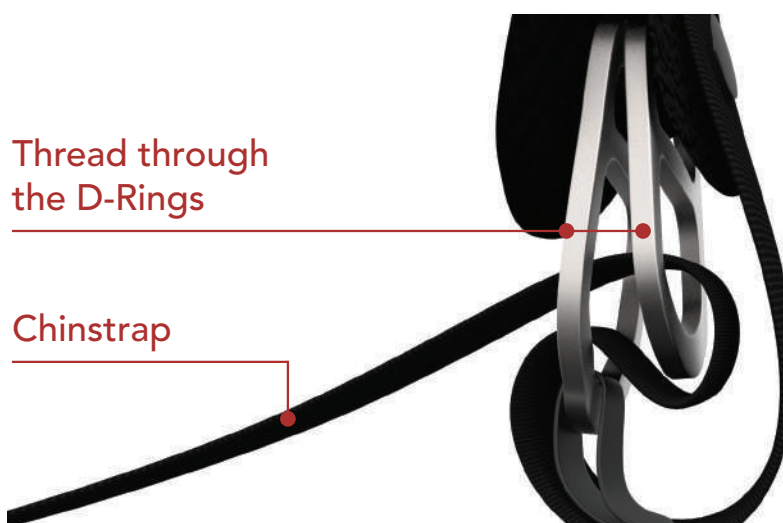
Chinstrap

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 LITE 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 LITE 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 LITE 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.

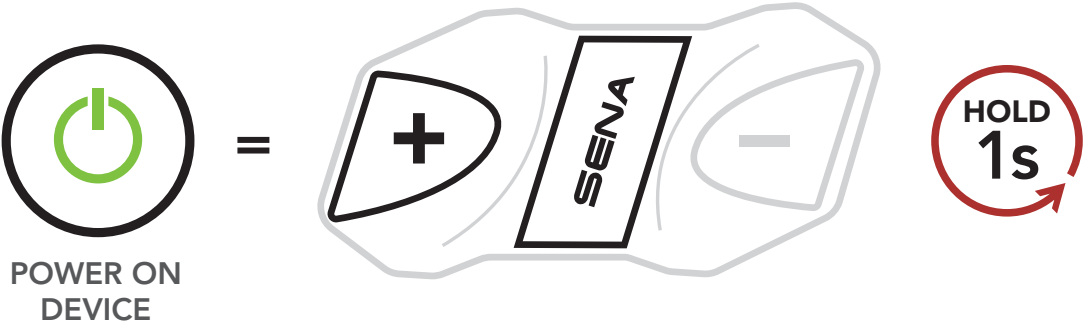# 2. GETTING STARTED: BUILT-IN BLUETOOTH SYSTEM

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

Blue & Red LED Lights

Center Button

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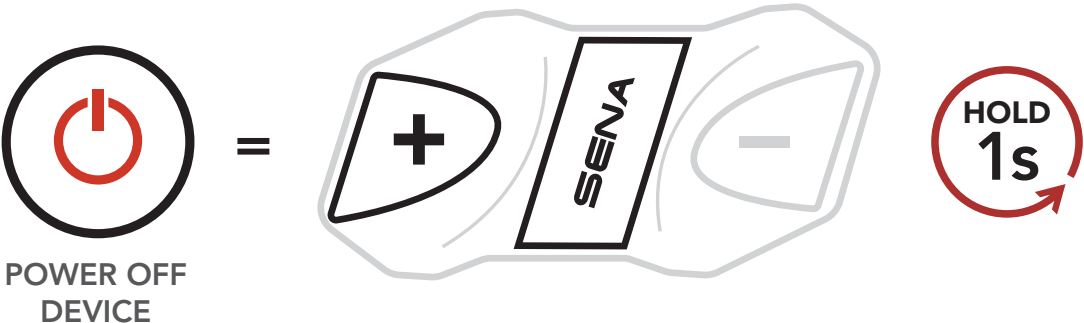Enter Voice Configuration Settings

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 = + SENA — HOLD 1s

Powering Off

POWER OFF DEVICE = + SENA — 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.
- 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.

Charging the Bluetooth Communication Module

DC Power Charging & Firmware Upgrade Port
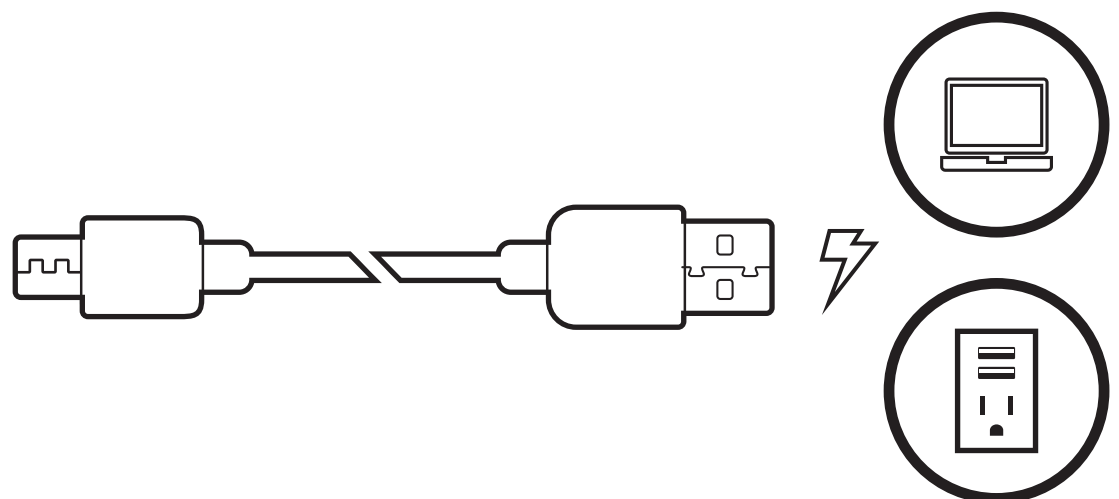
Depending upon the charging method, the Bluetooth Module will be fully charged in about 2.5 hours.
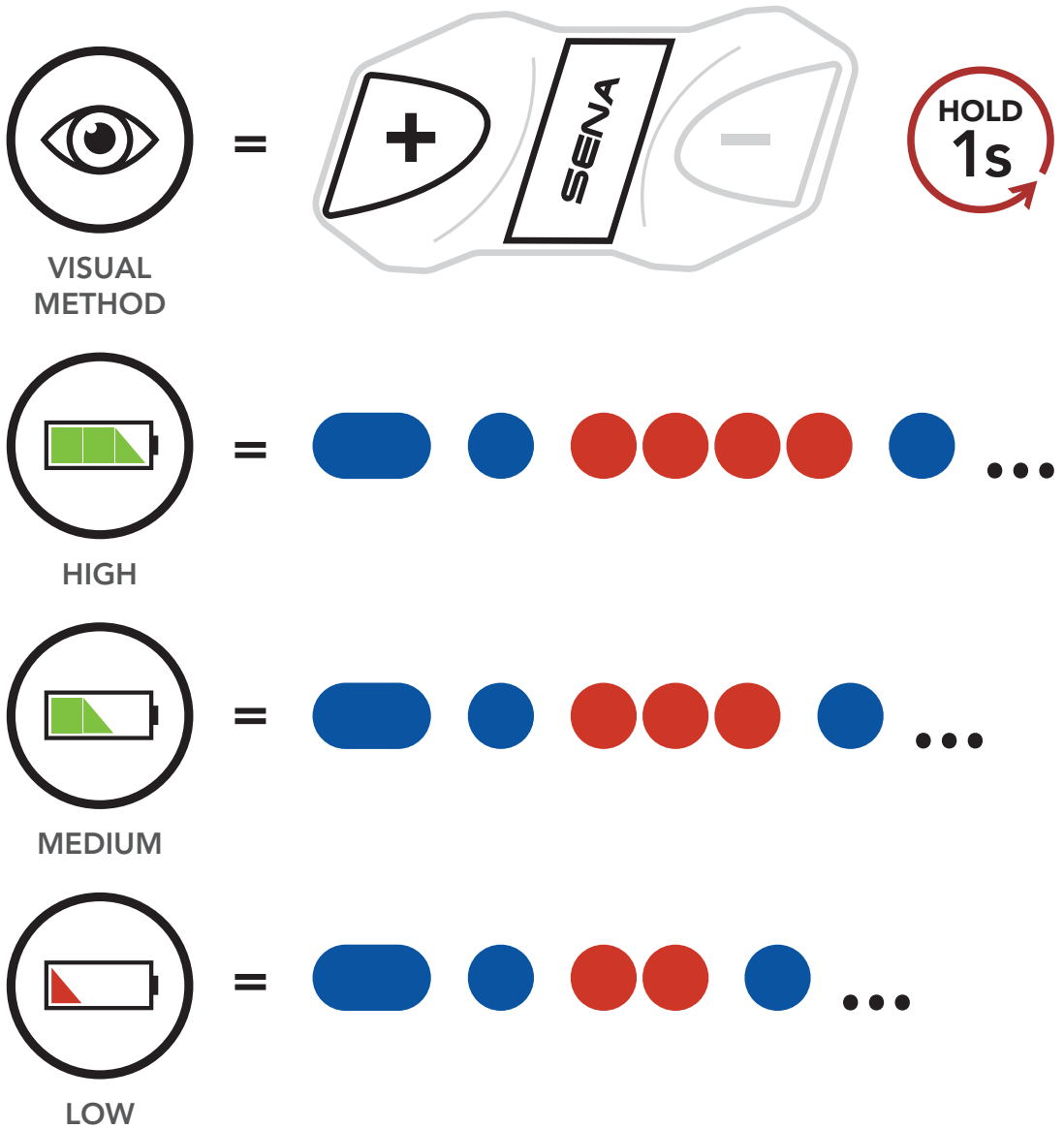
2. GETTING STARTED: BUILT-IN BLUETOOTH SYSTEM

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)"
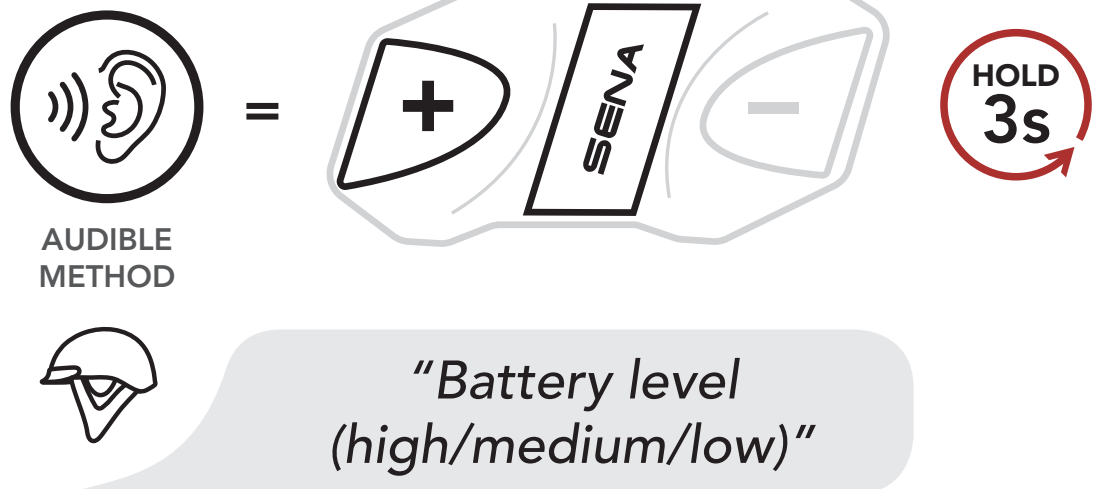
2.5 Volume Adjustment

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
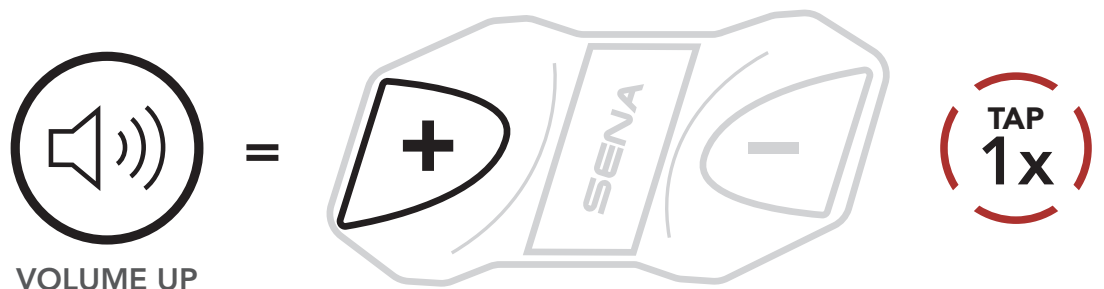
2. GETTING STARTED: BUILT-IN BLUETOOTH SYSTEM

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.

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 Lite 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. GETTING STARTED: BUILT-IN BLUETOOTH SYSTEM

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.

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 = + SENA − HOLD 10s
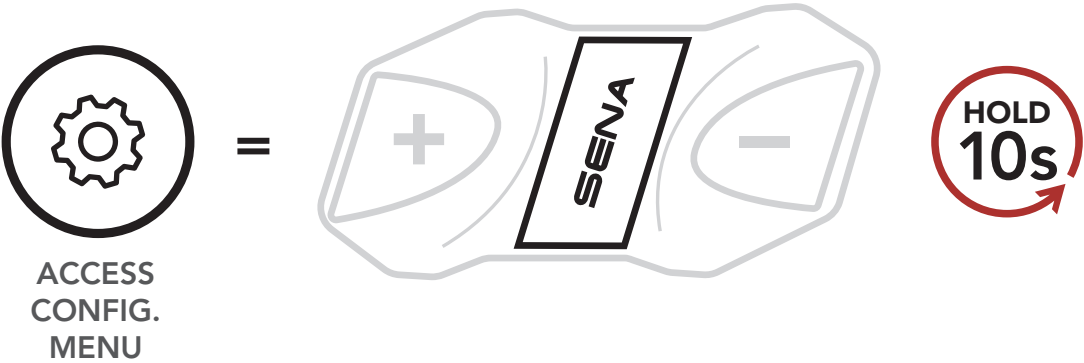
2. Tap the **(+) Button** or the **(-) Button** to navigate between the menus. You will hear voice prompts for each menu item. The list of functions is shown in the **Configuration Menu Chart** on page 21.

Navigating Forward through the Menu

NAVIGATE FORWARD = + SENA − TAP 1x

"(Menu Prompt)"

2. GETTING STARTED: BUILT-IN BLUETOOTH SYSTEM

Navigating Backward through the Menu

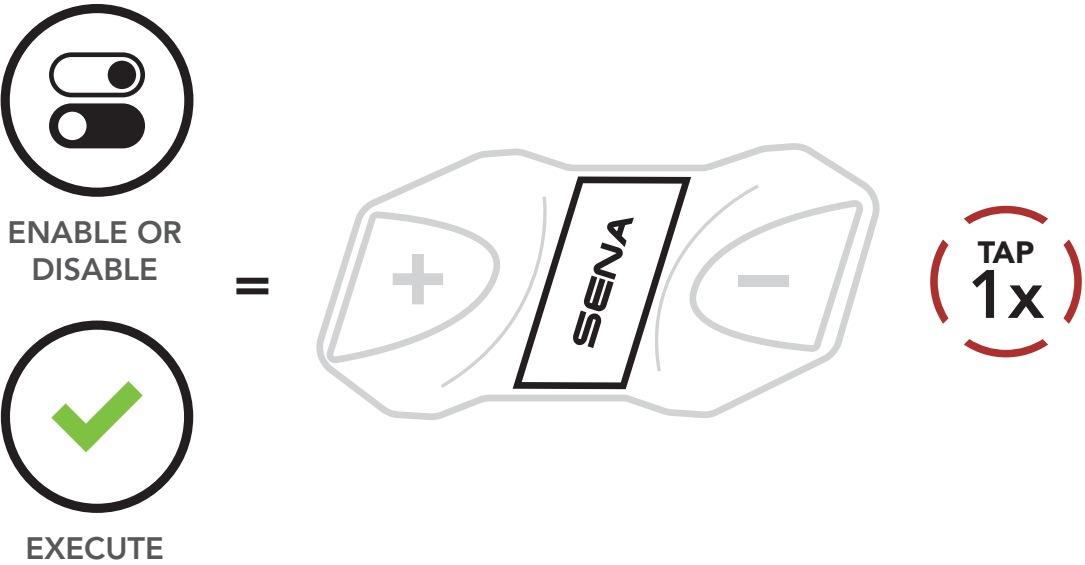NAVIGATE
BACKWARD

=

TAP
1x

"(Menu Prompt)"

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 7x	FM Station Guide	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

Mobile Phone

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

Advanced Selective Pairing: Hands-Free or A2DP Stereo

Before using Cavalry Lite'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**.

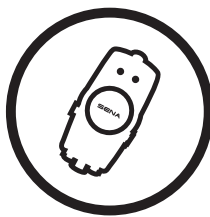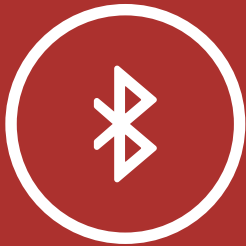Bluetooth Communication Module

Pairs with:

| Mobile Phone | MP3 Player | GPS Devices | Sena SR10 |

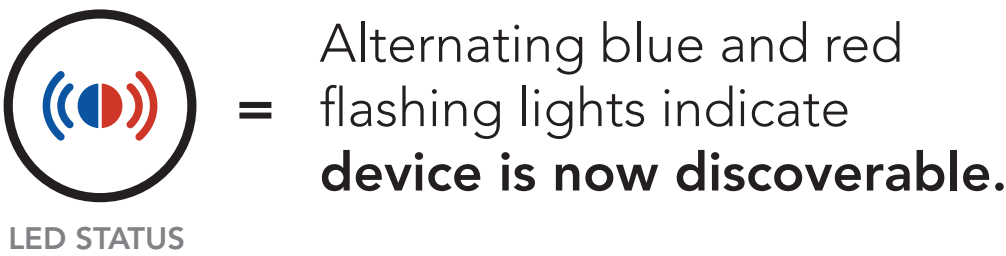# 3. PAIRING THE HELMET WITH OTHER BLUETOOTH DEVICES

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 = HOLD 10s

"Configuration menu"

NAVIGATE FORWARD 1X = 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 Cavalry Lite 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
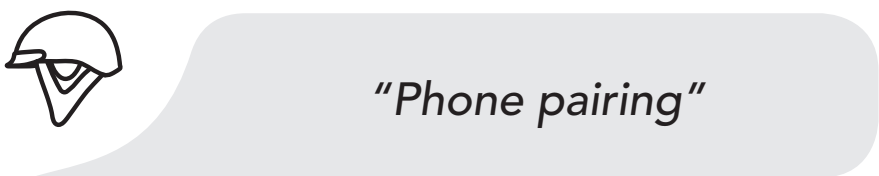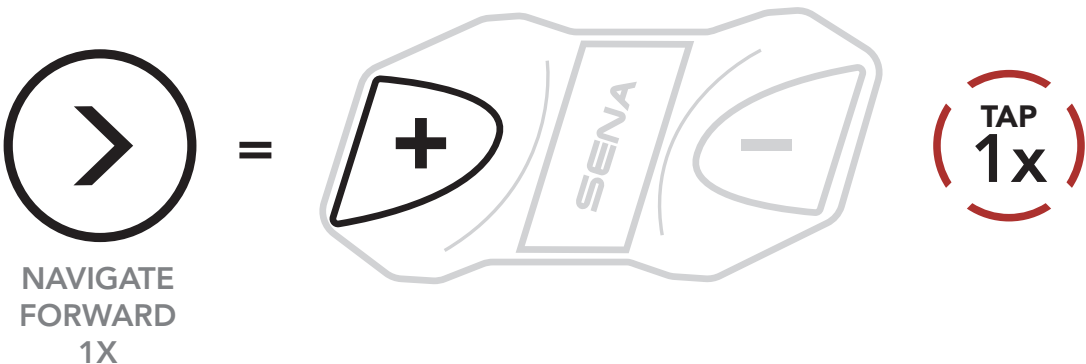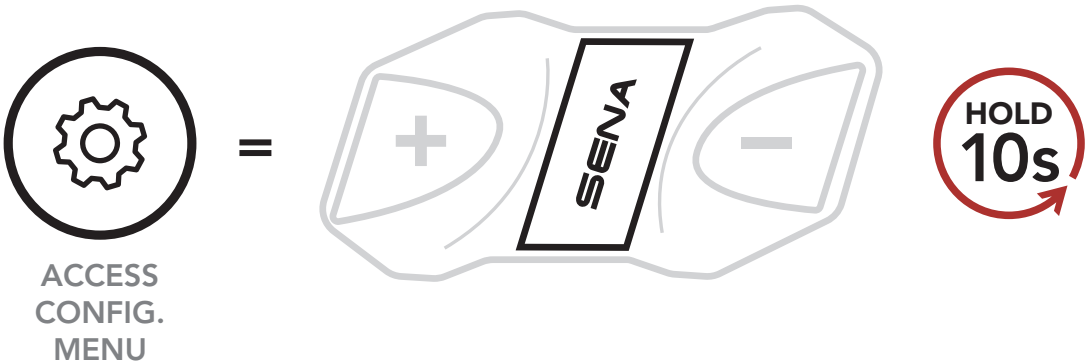
Mobile Phone

Additional Mobile Phones, GPS, MP3 Player or Sena SR10 Two-Way Radio Adapter
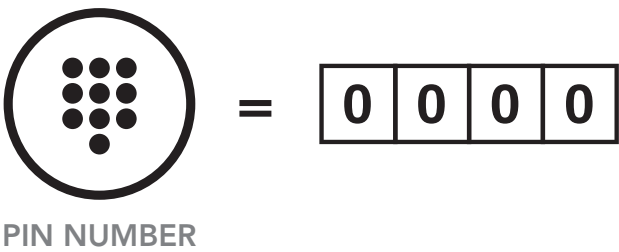
Advanced Selective Pairing: Hands-Free or A2DP Stereo

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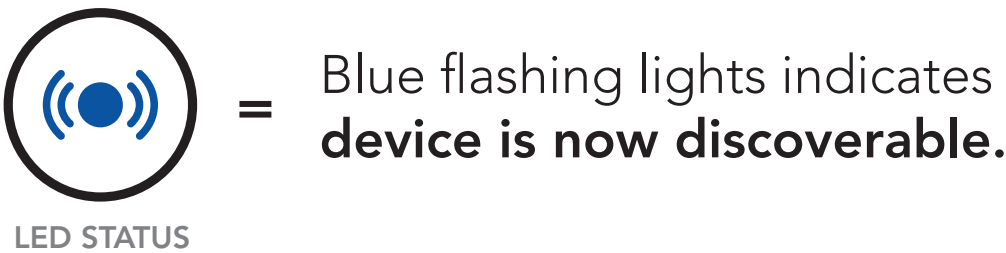
2. With your mobile phone in Bluetooth-pairing mode, select Cavalry Lite in the list of devices detected.

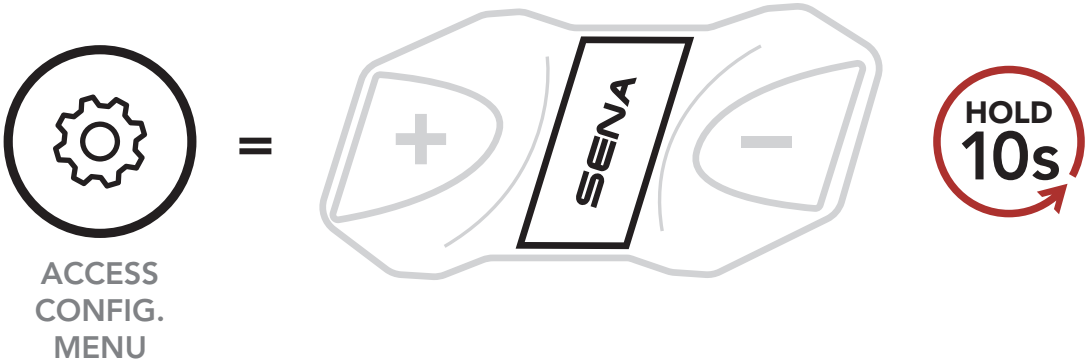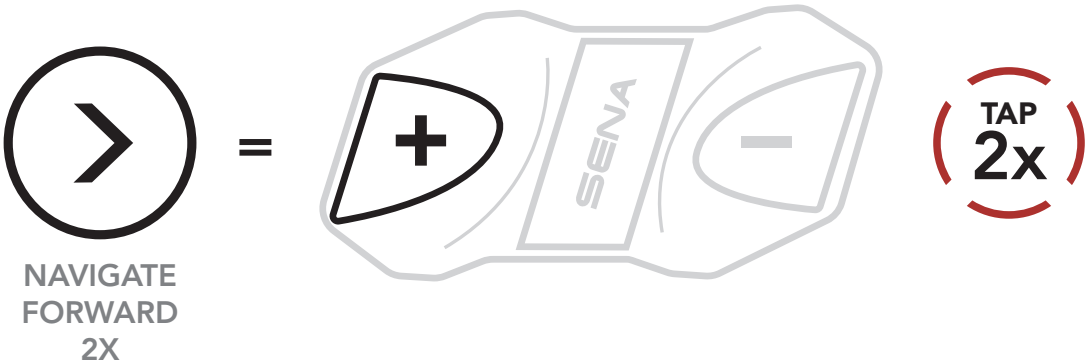# 3. PAIRING THE HELMET WITH OTHER BLUETOOTH DEVICES

Mobile Phone

Additional Mobile Phones, GPS, MP3 Player or Sena SR10 Two-Way Radio Adapter
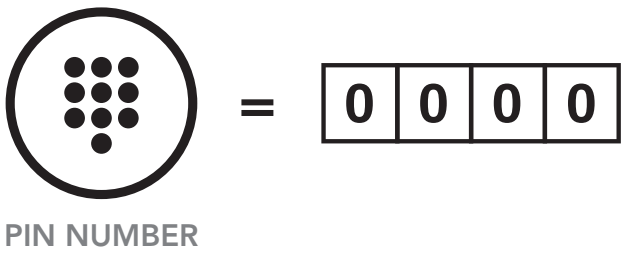
Advanced Selective Pairing: Hands-Free or A2DP Stereo

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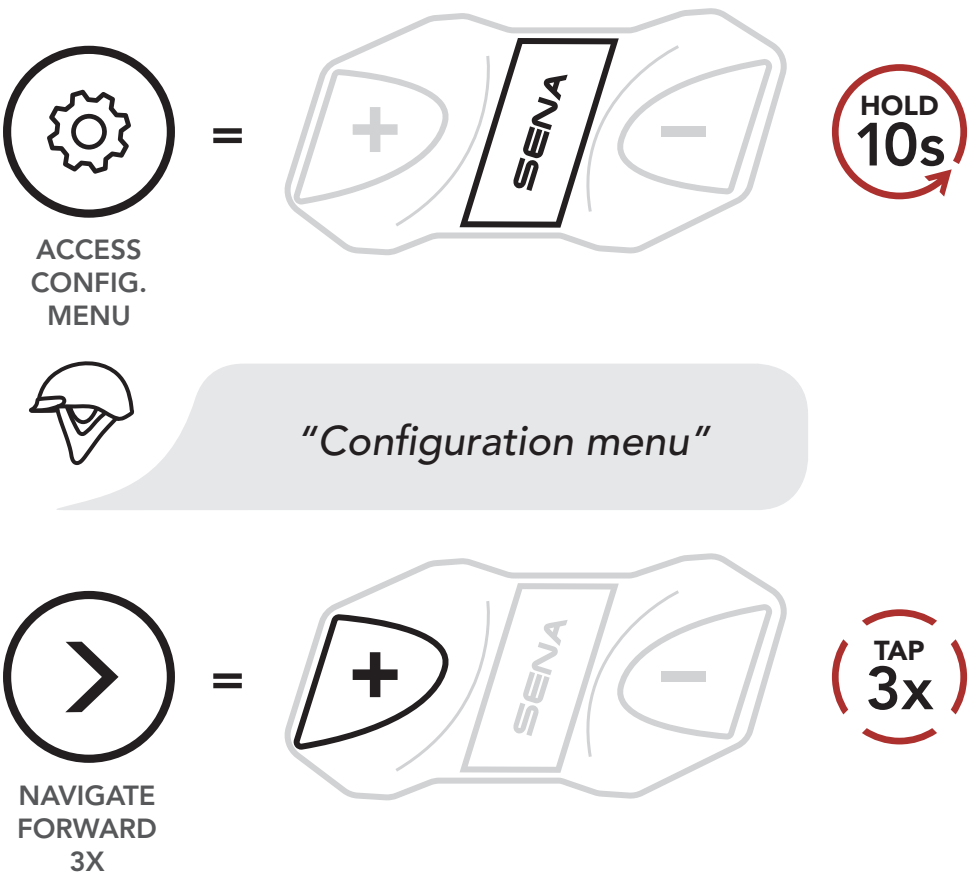

PIN NUMBER = 0 0 0 0

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
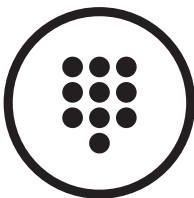
"Phone selective pairing"

LED STATUS

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

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

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

PIN NUMBER

= | 0 | 0 | 0 | 0 |

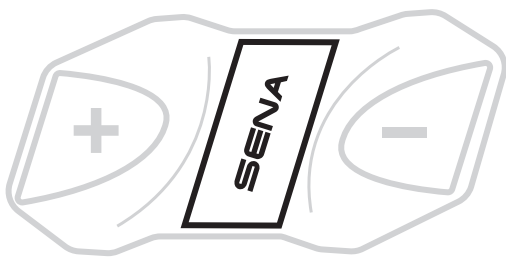### 3.3.2 Media Selective Pairing — A2DP Profile

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

Access Media Selective Pairing in the Configuration Menu
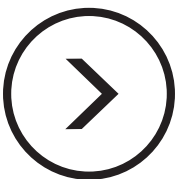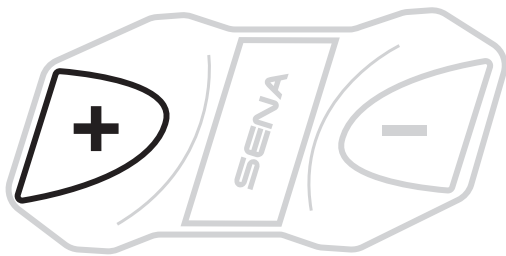
ACCESS CONFIG. MENU

=

HOLD
10s

"Configuration menu"

NAVIGATE FORWARD 4X

=

TAP
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
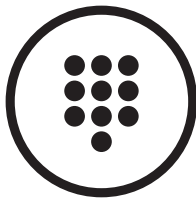
"Media selective pairing"

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

LED STATUS

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

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

= | 0 | 0 | 0 | 0 |

PIN NUMBER

4. MOBILE PHONE USAGE

4.1   Making and Answering Calls

Making and Answering Calls

Speed Dialing

Answer a Call

ANSWER = TAP 1x
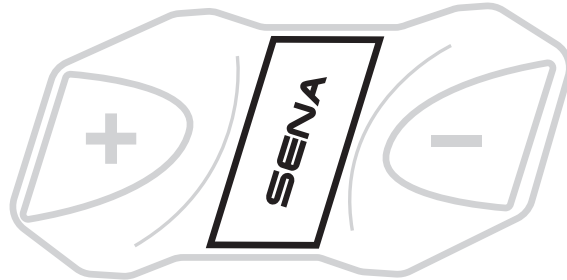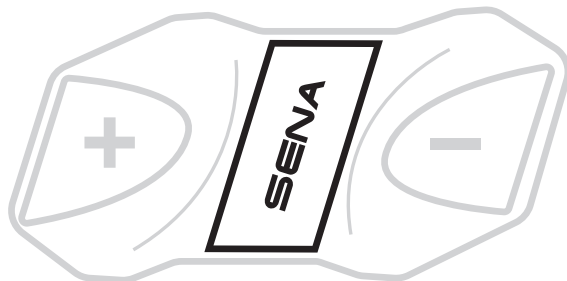
End/Reject a Call

END/REJECT = HOLD 2s

Make a Call with Voice Dialer

VOICE DIAL = 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.
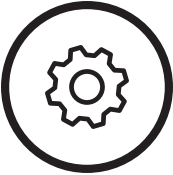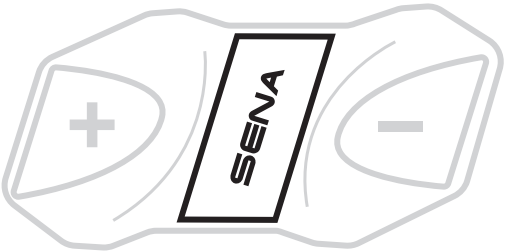
4. MOBILE PHONE USAGE

Making and Answering Calls

Speed Dialing

Assigning Speed Dial Presets

⚙️ ACCESS CONFIG. MENU	=	[+ SENA −]	HOLD 10s

💬 *"Configuration menu"*

❯ NAVIGATE FORWARD 5X	=	[+ SENA −]	TAP 5x

💬 *"Speed dial"*

✅ EXECUTE	=	[+ SENA −]	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	=	[+ SENA −]	TAP 1x

💬 *"Speed dial (#)"*

4. MOBILE PHONE USAGE

Making and Answering Calls

Speed Dialing

Navigate Backward through Preset Numbers

< = NAVIGATE BACKWARD 1X

TAP 1x
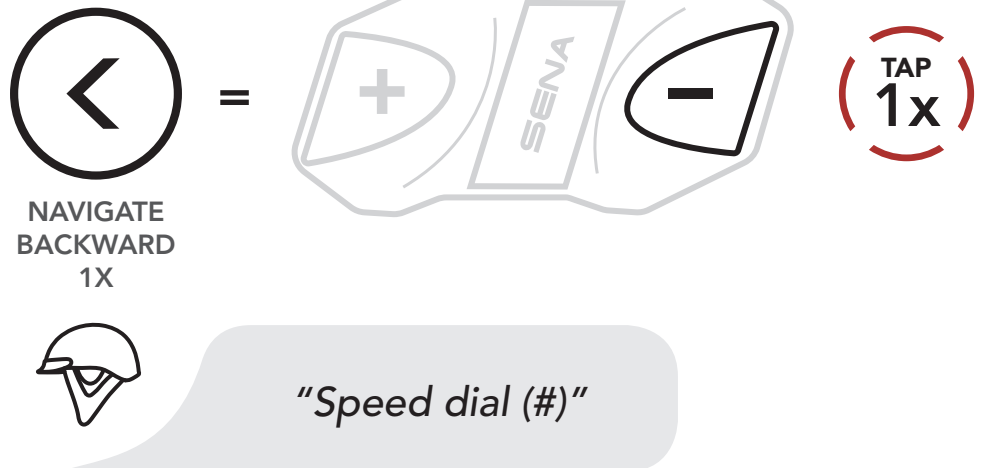
"Speed dial (#)"

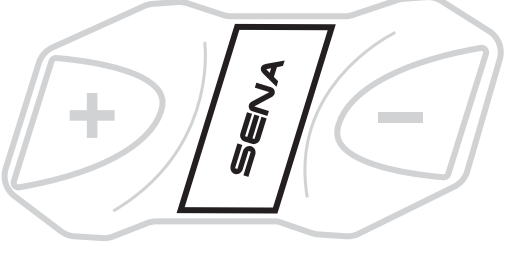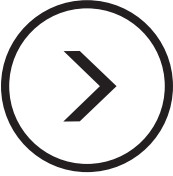3. On your mobile phone, call the number to which you want to assign a **Speed Dial Preset**. The call will be terminated immediately. Then, you will hear the voice prompt, "**Save speed dial (#)**." This confirms that the number was saved.

On Your Mobile Phone, Dial Number

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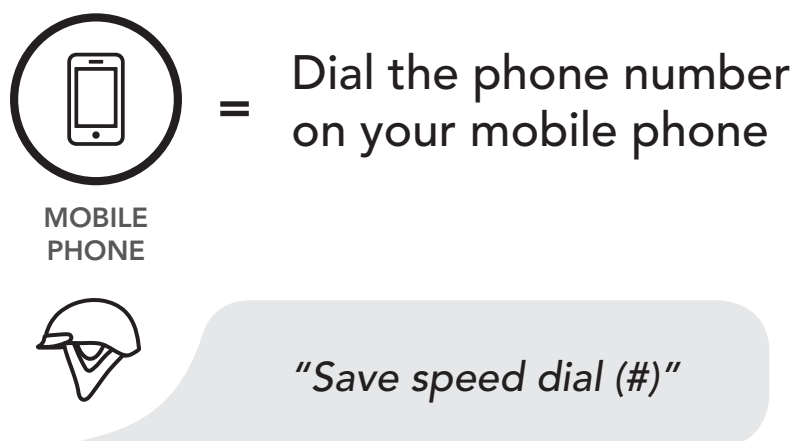
"Save speed dial (#)"

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
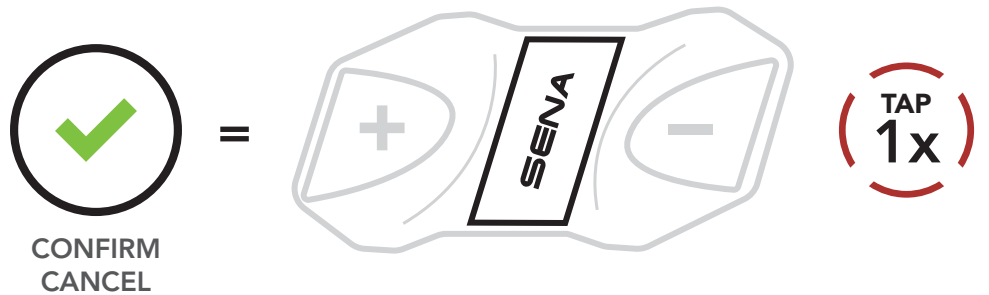
4.2.2 Using Speed Dial Presets

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
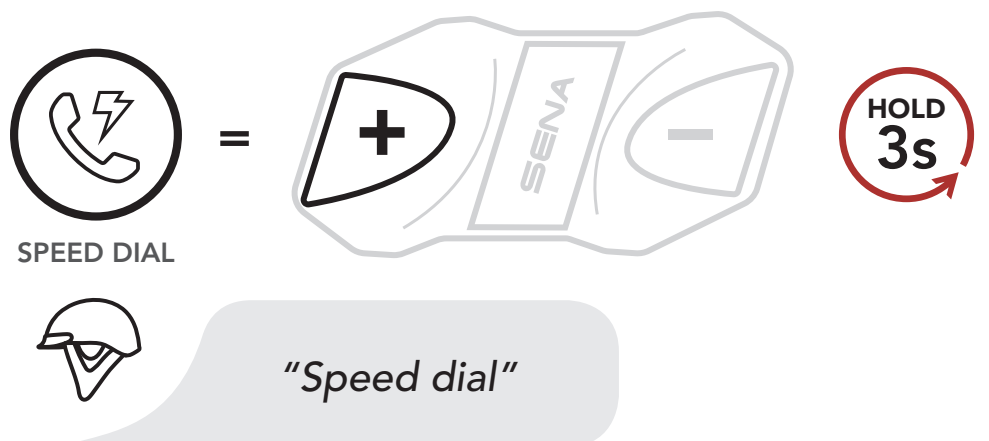
"Speed dial"

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

Navigate Backward through Speed Dial Preset Numbers

NAVIGATE BACKWARD

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

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

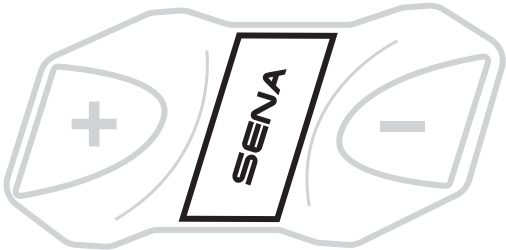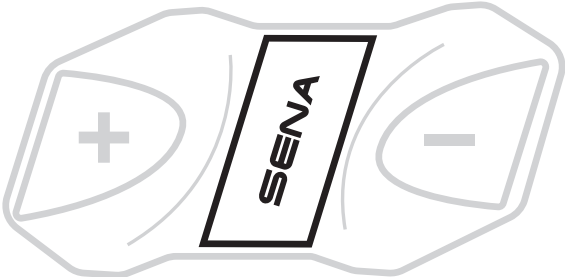*"Speed dial (#)"*

SPEED DIAL = TAP 1x

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

PLAY/PAUSE

"[Beep, Beep]"

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

Volume Up

VOLUME UP

Volume Down

VOLUME DOWN

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
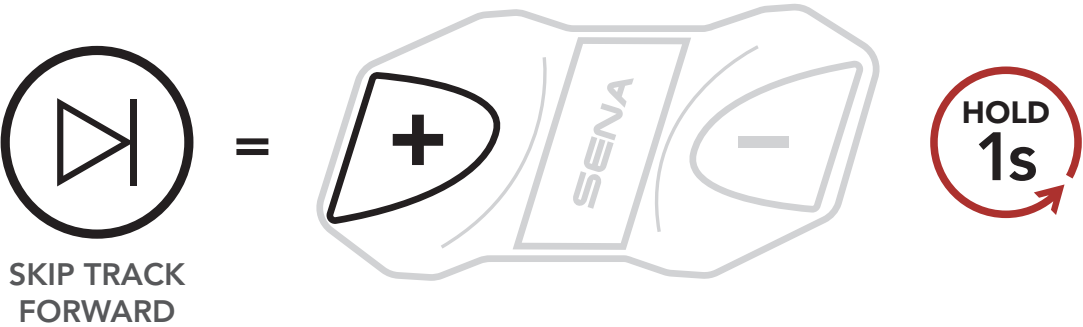
5.2 Music Sharing

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

= + SENA — HOLD 1s

"[Beep, Beep]"

5. STEREO MUSIC

Playing Music with Bluetooth Devices
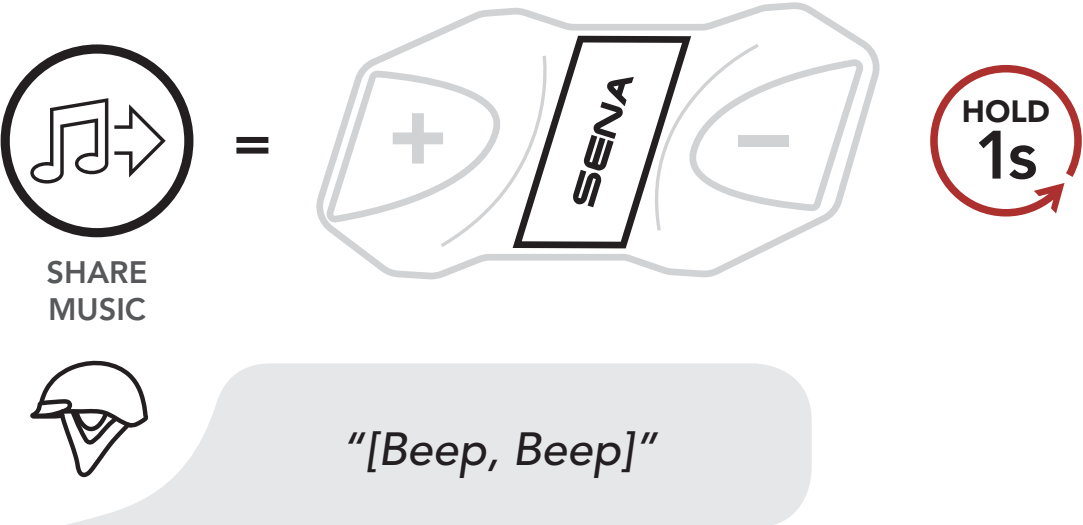
Music Sharing

Audio Boost

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 = + SENA − HOLD 10s

"Configuration menu"

NAVIGATE FORWARD 6X = + SENA − TAP 6x

"Audio boost"

ENABLE OR DISABLE = + SENA − TAP 1x
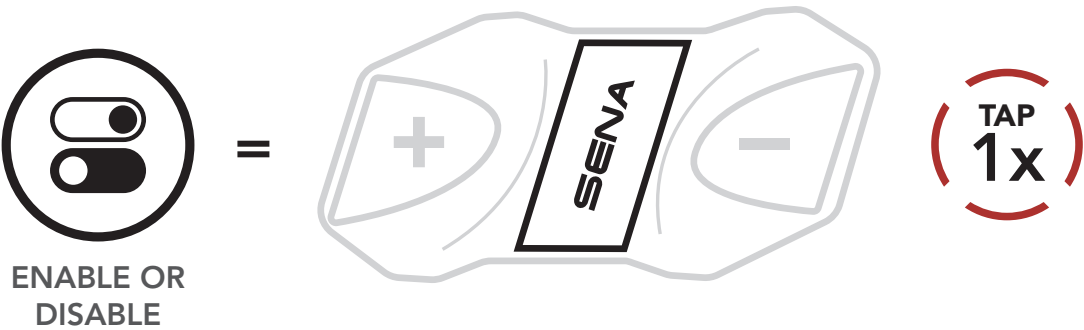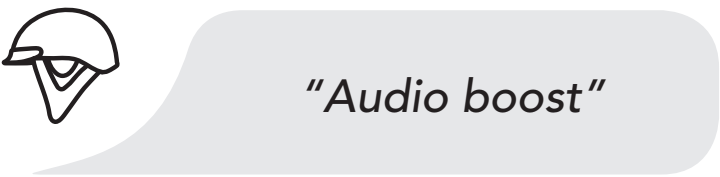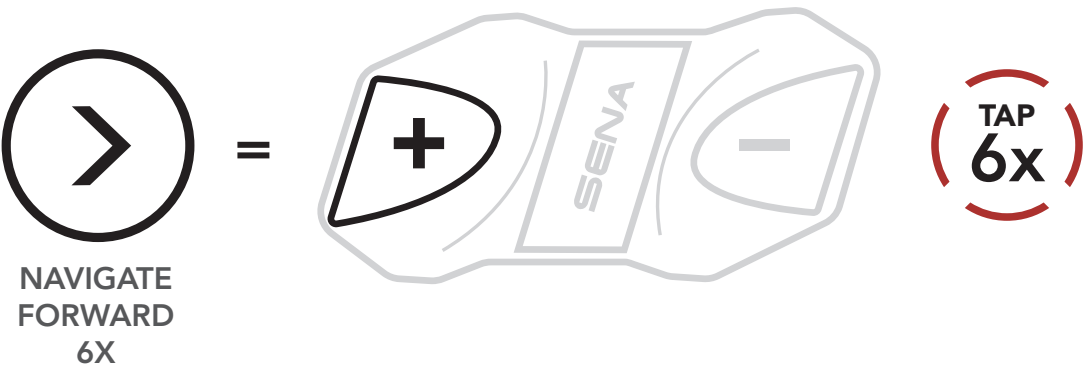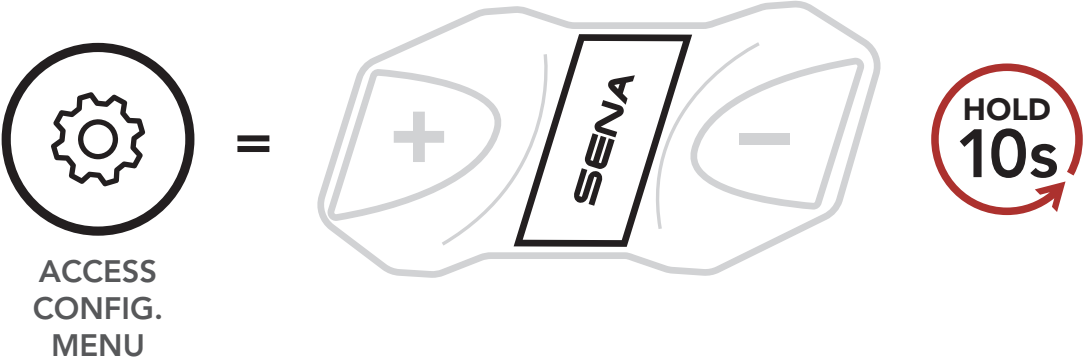
6. INTERCOM SETUP

6.1 Intercom Pairing

Intercom Pairing

The Cavalry Lite can be paired with another Cavalry Lite for Bluetooth intercom conversation.

Two-Way Intercom

Pairing with Intercom Friends

Universal Intercom

Advanced Noise Control™
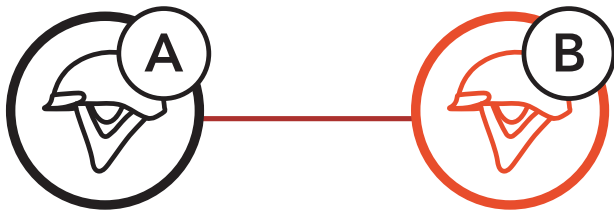
1. Press and hold the **Center Buttons** of two Bluetooth Modules for **5 seconds** until you hear the voice prompt, "**Intercom pairing**."

Pairing with Intercom B
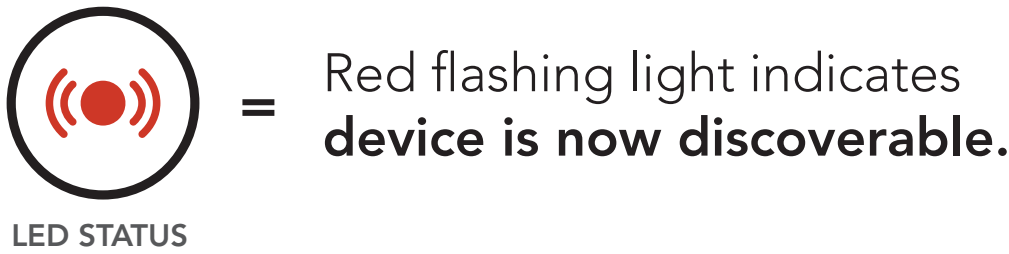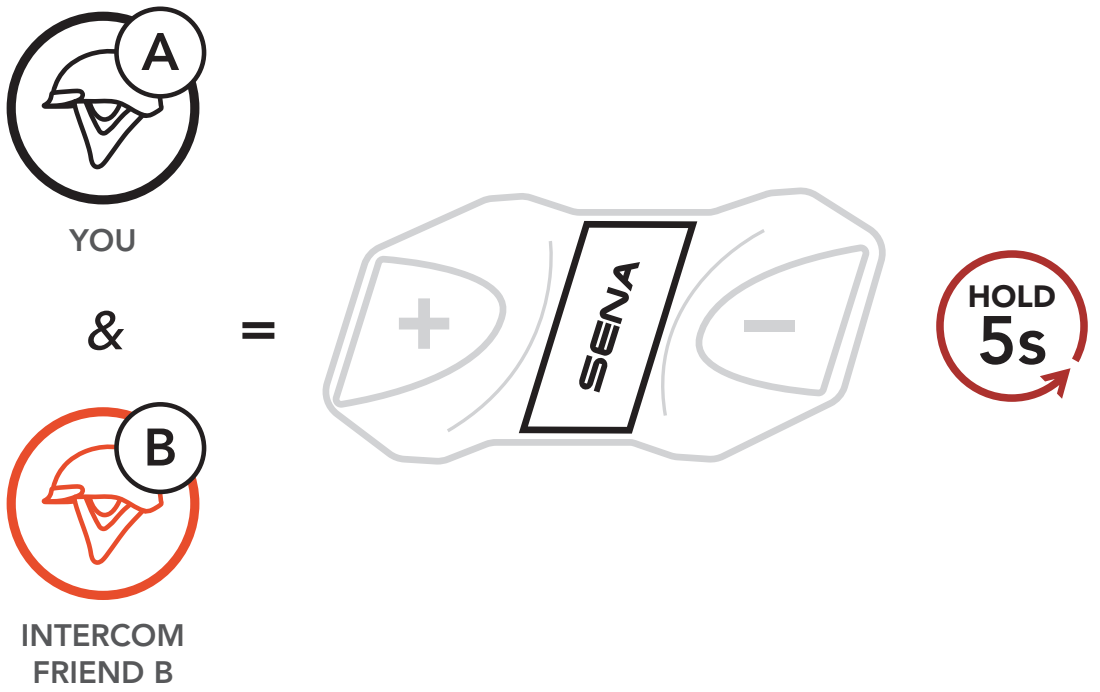
YOU

& =

INTERCOM FRIEND B

HOLD 5s

"Intercom pairing"

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

LED STATUS

6. INTERCOM SETUP

Intercom Pairing

Two-Way Intercom

Universal Intercom

Advanced Noise Control™

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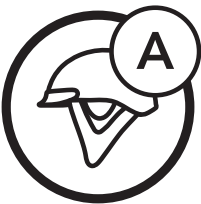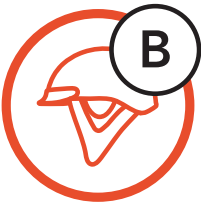
= Blue flashing LED confirms **intercoms are paired.**

LED STATUS

6.2   Two-Way Intercom

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

Start/End Two-Way Intercom with Intercom Friend

B
INTERCOM FRIEND

=

TAP 1x

6. INTERCOM SETUP

6.3   Universal Intercom

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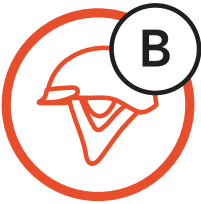non-Sena headset at a time. The intercom distance depends on the performance of the Bluetooth headset to which it's connected. When a non-Sena Bluetooth headset is paired with the Bluetooth Helmet, if another Bluetooth device is paired via **Second Mobile Phone Pairing**, it will be disconnected.

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

Access Universal Intercom in the Configuration Menu
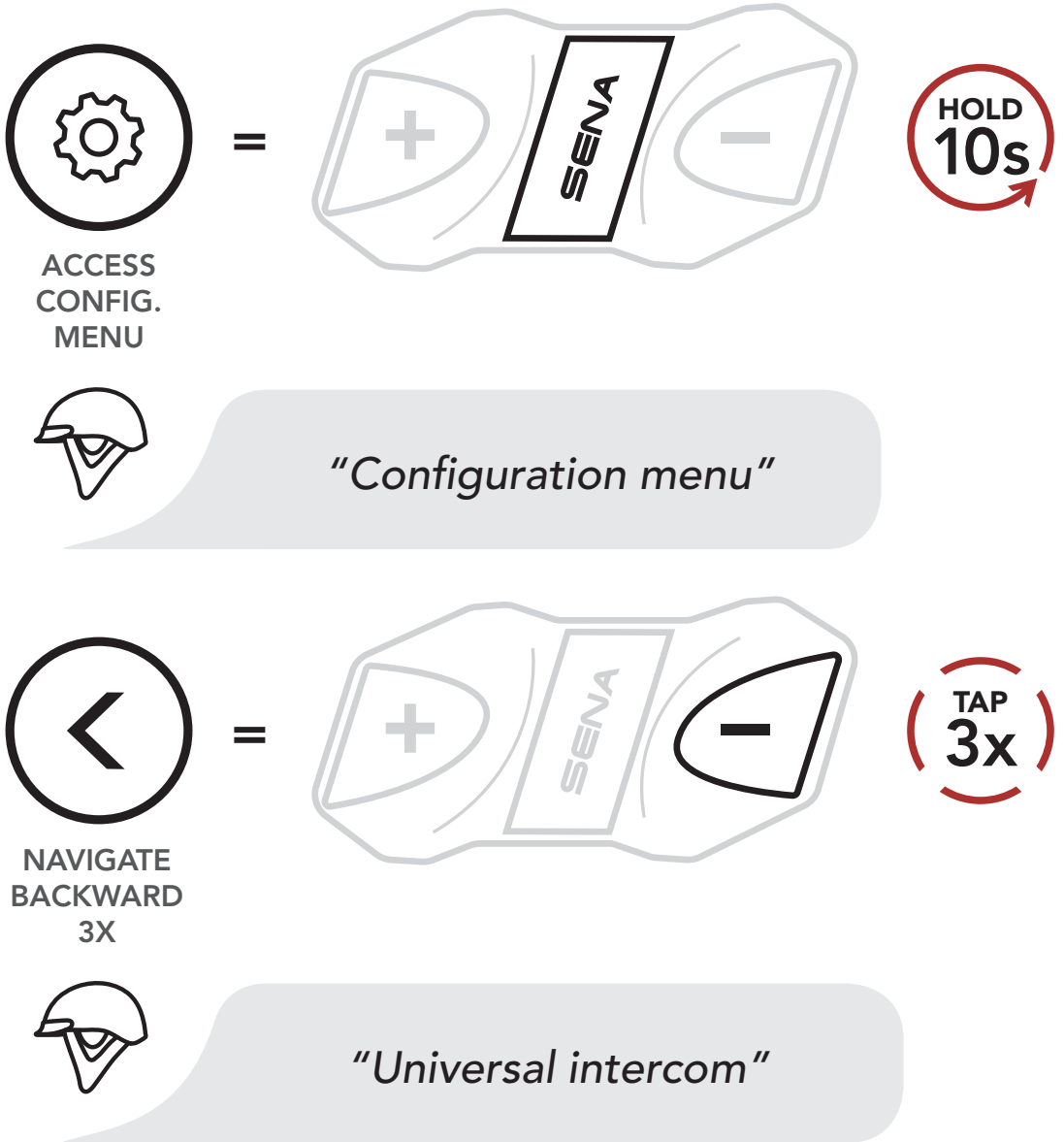
ACCESS CONFIG. MENU

=

HOLD 10s

"Configuration menu"

NAVIGATE BACKWARD 3X

=

TAP 3x

"Universal intercom"

6. INTERCOM SETUP

✓ = EXECUTE

TAP 1x

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

3. You can have **Two-Way Intercom** communication using non-Sena headsets by following the procedures described below.

6.4 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.

Access Advanced Noise Control in the Configuration Menu

⚙ = ACCESS CONFIG. MENU

HOLD 10s

"Configuration menu"

6. INTERCOM SETUP

Intercom Pairing
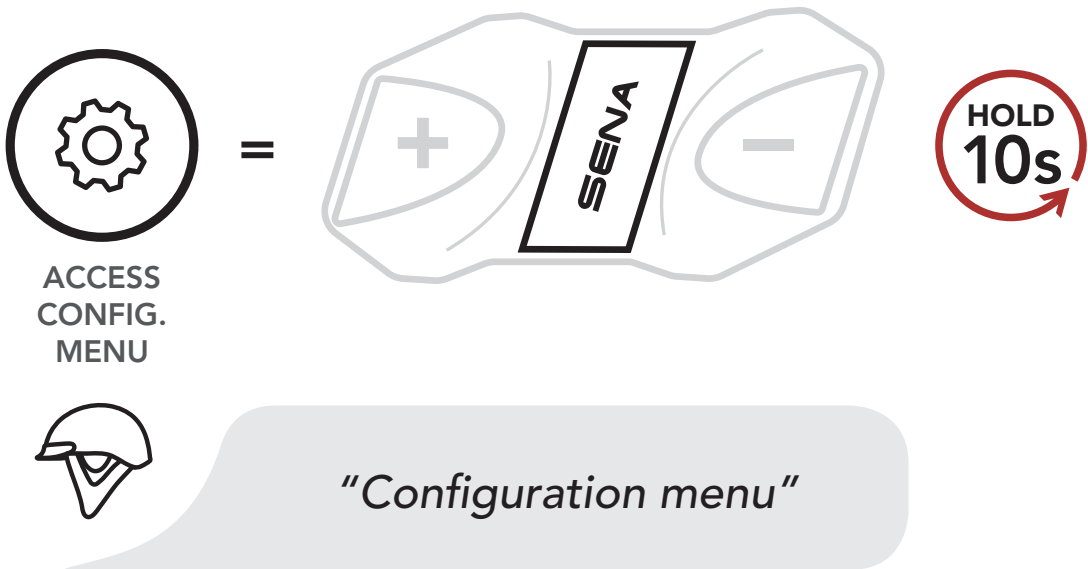
Two-Way Intercom

Universal Intercom
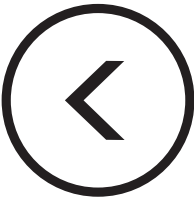
Advanced Noise Control™

NAVIGATE BACKWARD 6X

=   TAP 6x

"Noise control"

ENABLE OR DISABLE

=   TAP 1x

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

"[Beep, Beep]"

FM Radio Off

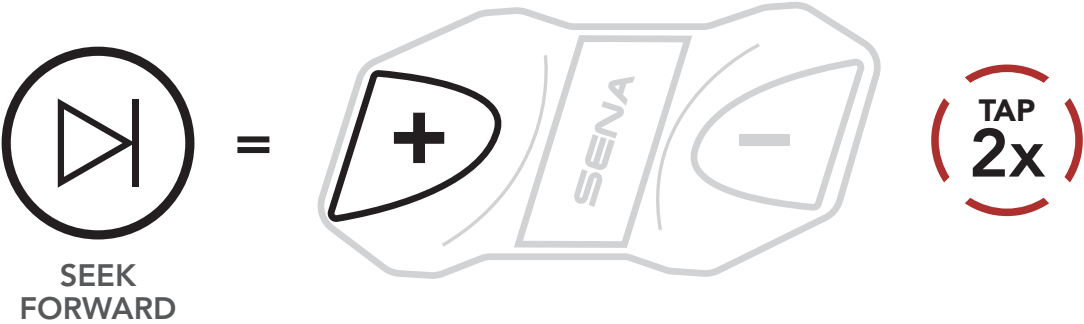FM RADIO OFF

"[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 FORWARD

7. USING THE FM RADIO

Seek Stations Backward

|◁ = (+) (SENA) (−) 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

⟩ = (+) (SENA) (−) TAP 1x

NAVIGATE
FORWARD

7. USING THE FM RADIO

Navigate Backward through Preset Stations

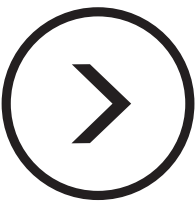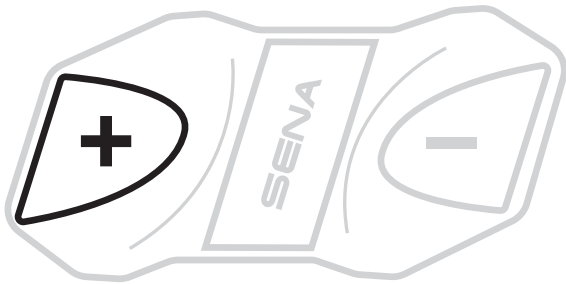NAVIGATE BACKWARD = SENA TAP 1x
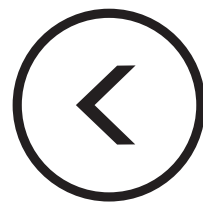
4. Press and hold the **(+) Button** for **1 second** to save the station in the preset number you choose. Or, press and hold the **(-) Button** for **1 second** to delete the station from memory.

Save Station to the Preset Number

SAVE TO PRESET # = SENA HOLD 1s
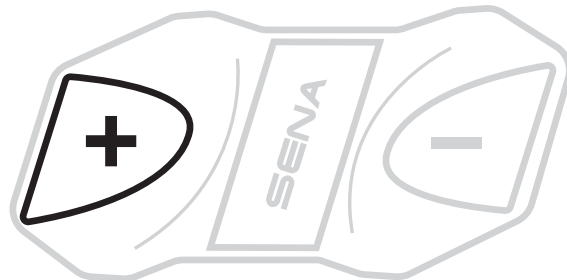
Delete Station from Memory

DELETE STATION = SENA 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
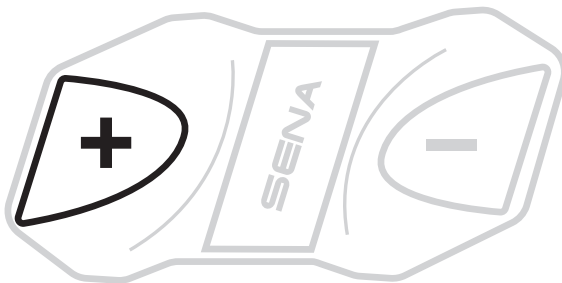
START SCANNING = + — HOLD 1s

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
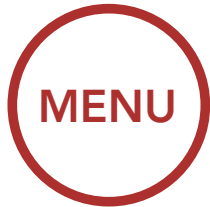

SAVE STATION = + SENA — TAP 1x
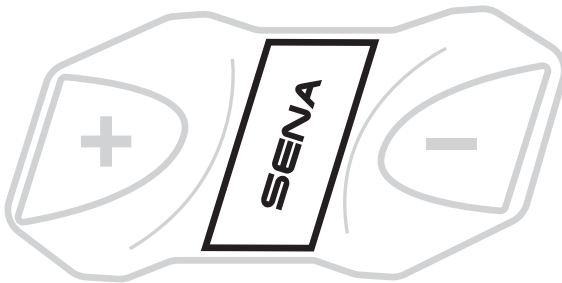
"Preset (#)"

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

Stop Scanning
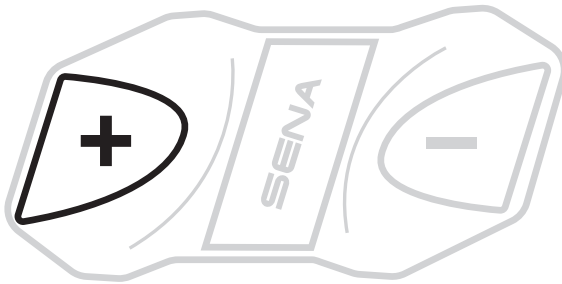
STOP SCANNING = + — HOLD 1s

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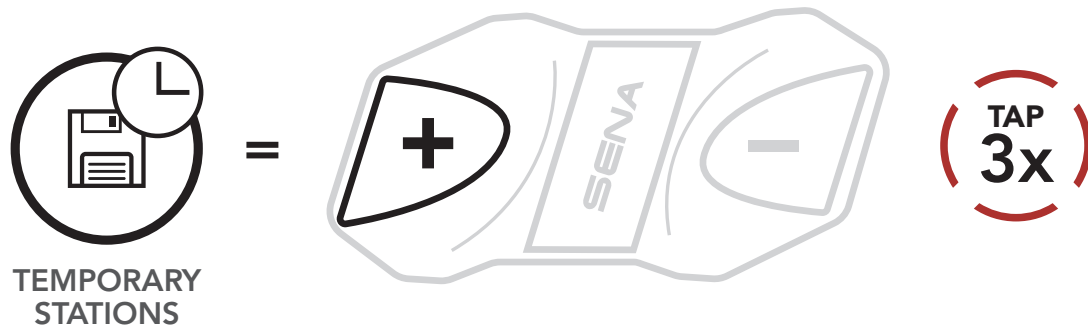
2. The temporary preset stations will be cleared when the Bluetooth Module reboots.

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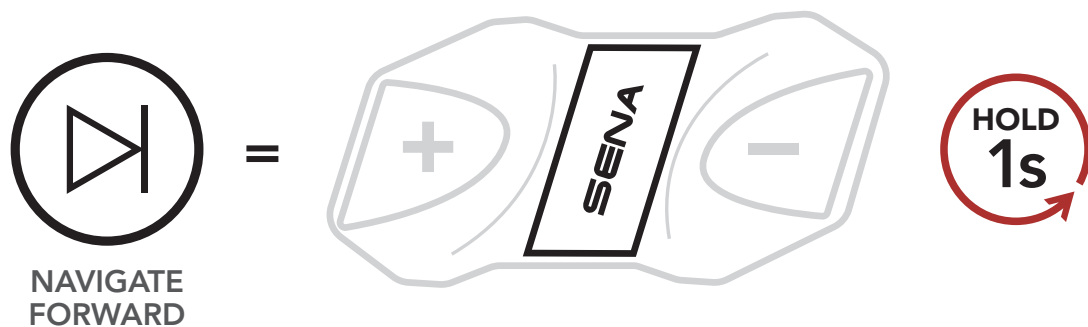
Note: You can use the **Sena Device Manager** or the **Sena Smartphone App** to save the preset stations.

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

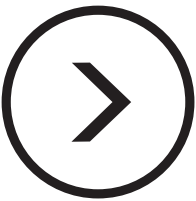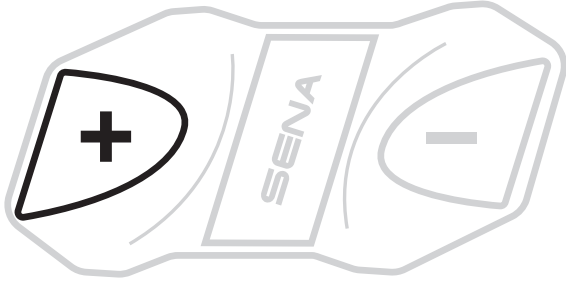**Radio Data System (RDS) Alternative Frequency (AF)**

Access RDS AF Setting in the Configuration Menu
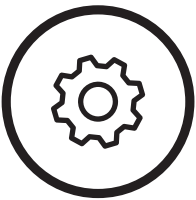
ACCESS CONFIG. MENU = HOLD 10s
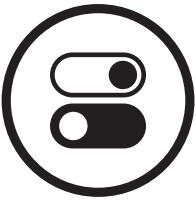
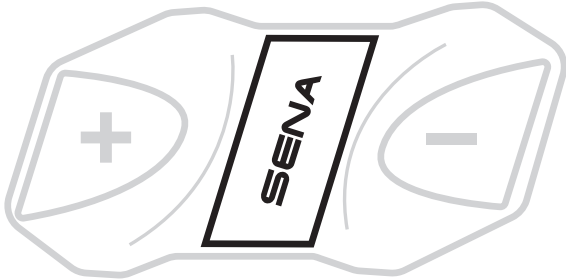*"Configuration menu"*

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 Lite Bluetooth Half Helmet supports firmware upgrades. You can upgrade the firmware using the **Sena Device Manager**.

8.3 Voice Prompts

A **Voice prompt** setting can be found in the **Configuration Menu**.

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
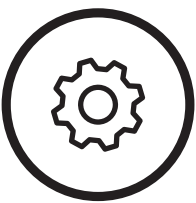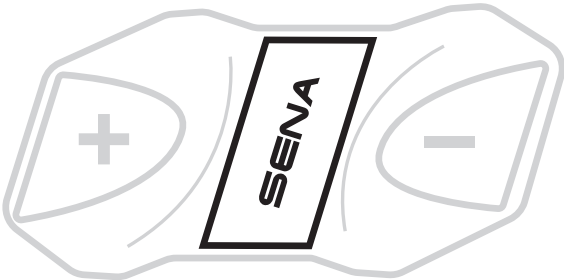
🪖 *"Configuration menu"*
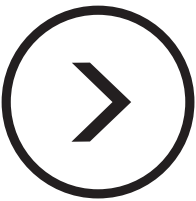
NAVIGATE FORWARD 7X

= + SENA − TAP 7x
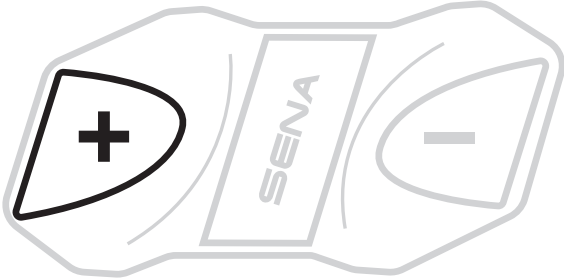
🪖 *"Voice prompt"*

ENABLE OR DISABLE

= + SENA − TAP 1x
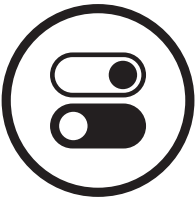
8. GENERAL SETTINGS

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
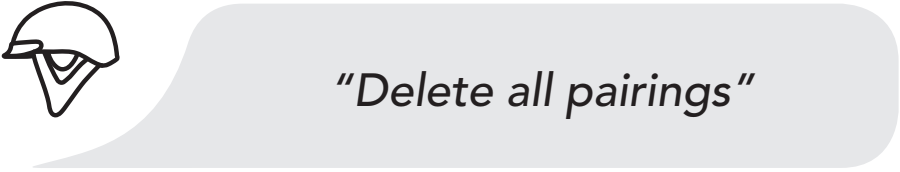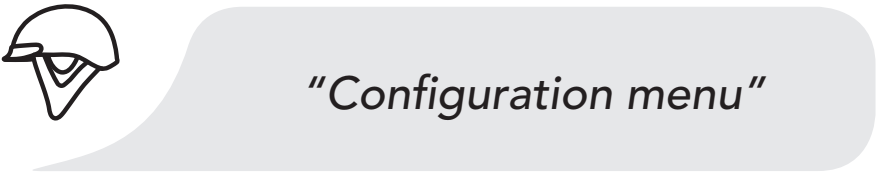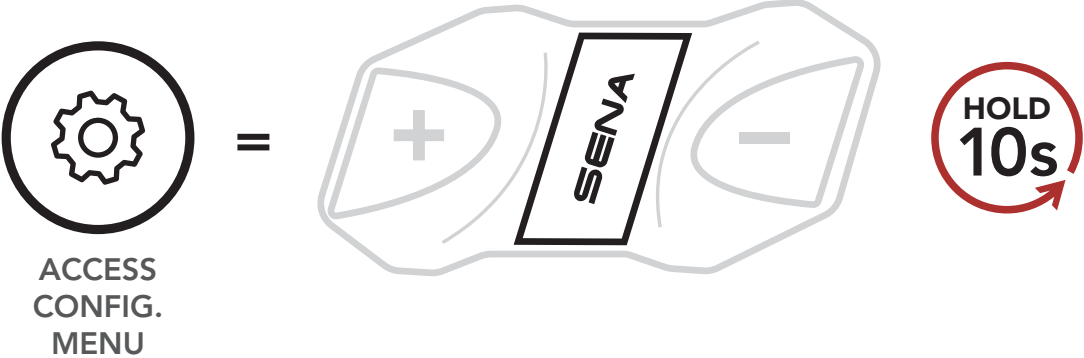
9. REMOTE CONTROL

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
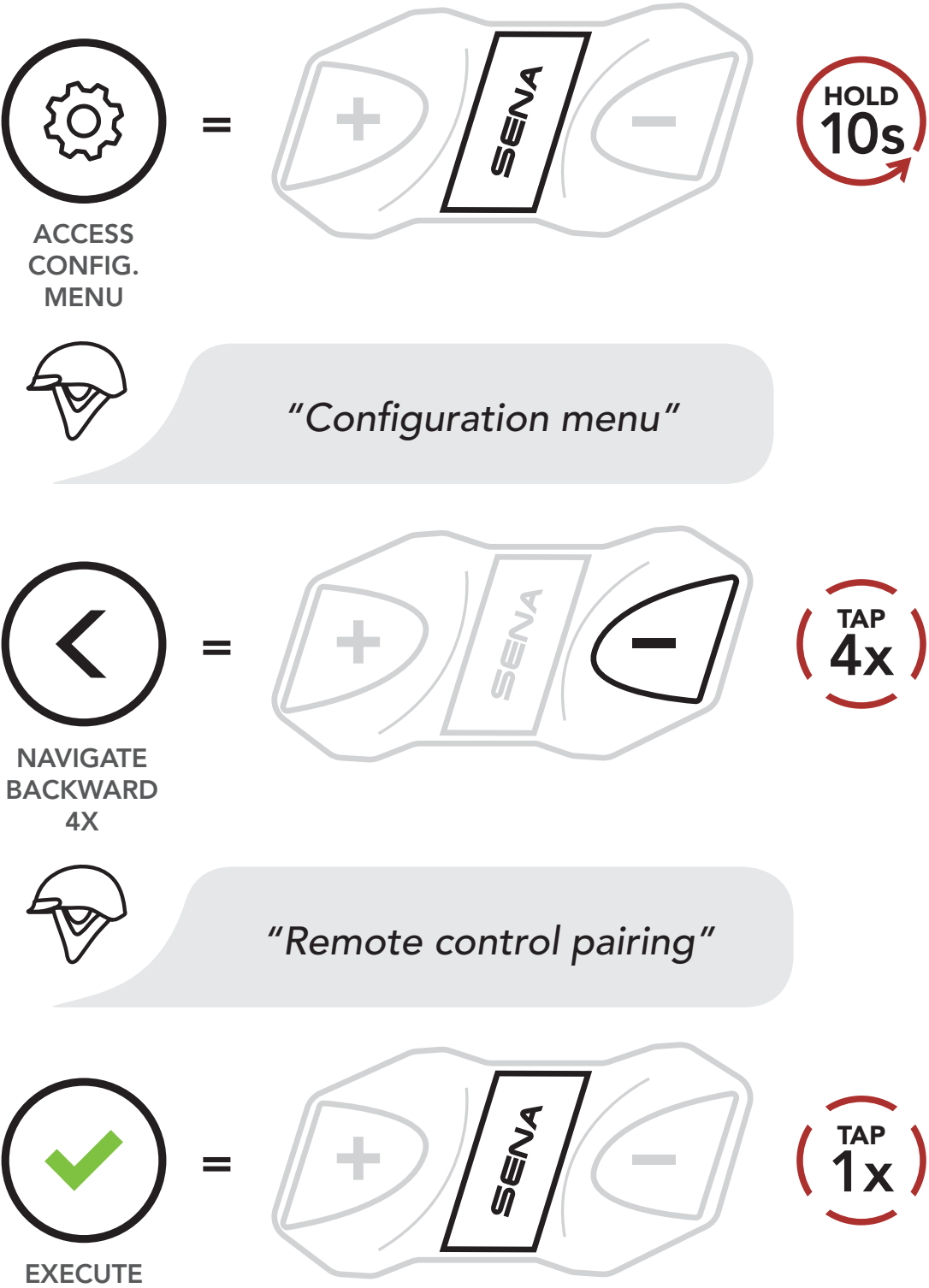
9. REMOTE CONTROL

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
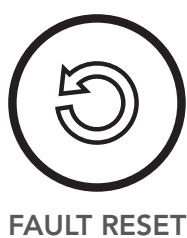
Fault Reset

Factory Reset

This detailed online FAQ section deals with troubleshooting, illustrates case studies and contains tips on using the **Sena Cavalry Lite Bluetooth Half Helmet**.

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
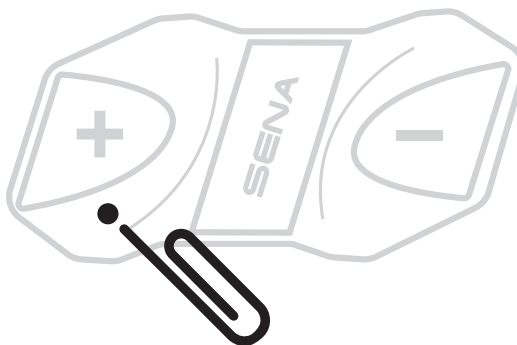
3. The communication module will shut down.

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

Fault Reset

Factory Reset

10.2 Factory Reset

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

Access Factory Reset in the Configuration Menu

ACCESS CONFIG. MENU = HOLD 10s

"Configuration menu"

NAVIGATE BACKWARD 2X = TAP 2x

"Factory reset"

EXECUTE = TAP 1x
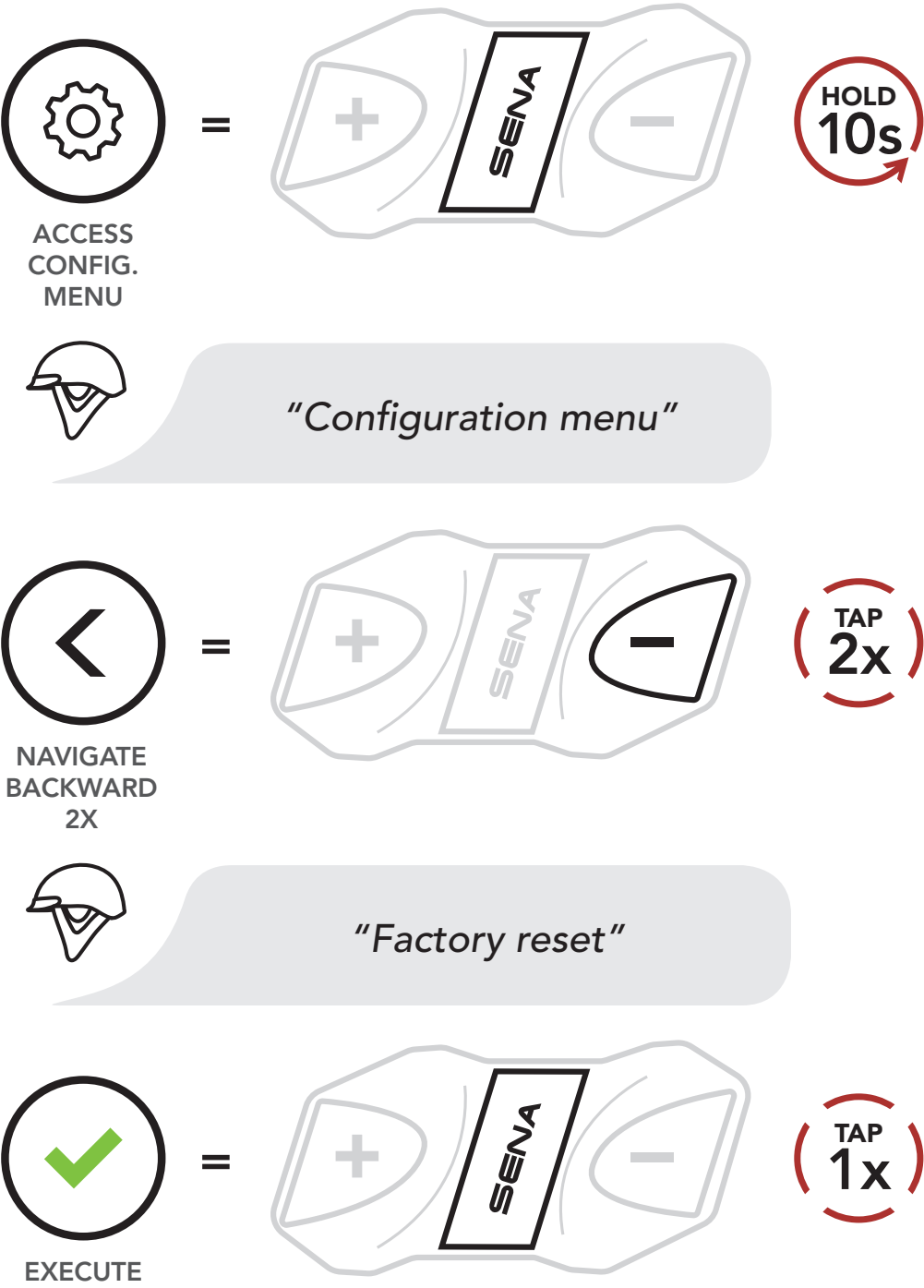
11. MAINTENANCE AND CARE

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 Lite 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.