



# NAUTITALK N2R

**YACHTING HEADSETS  
CREW COMMUNICATION SYSTEM**

**USER'S GUIDE**

Version 1.0.0

ENGLISH


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# Sena Marine App

Download the **Sena Marine App** at [Google Play Store](#) or [App Store](#).

	<p><b>Sena Marine</b></p> <ul style="list-style-type: none"><li>• Device configuration</li></ul>
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# Sena Device Manager

Download the **Sena Device Manager** at [sena.com](#).

	<p><b>Sena Device Manager</b></p> <ul style="list-style-type: none"><li>• Device Configuration</li><li>• Firmware Update</li></ul>
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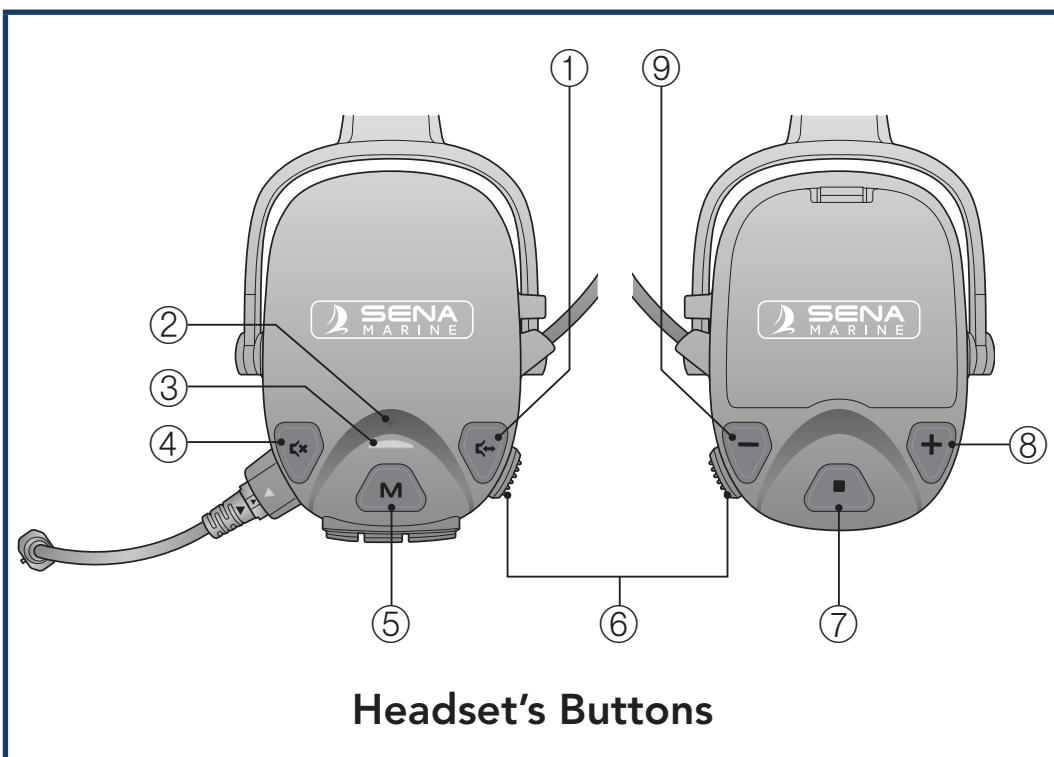
Sena Technologies Co., Ltd.  
Customer Support: [sena.com](#)

# 1. ABOUT THE NAUTITALK N2R

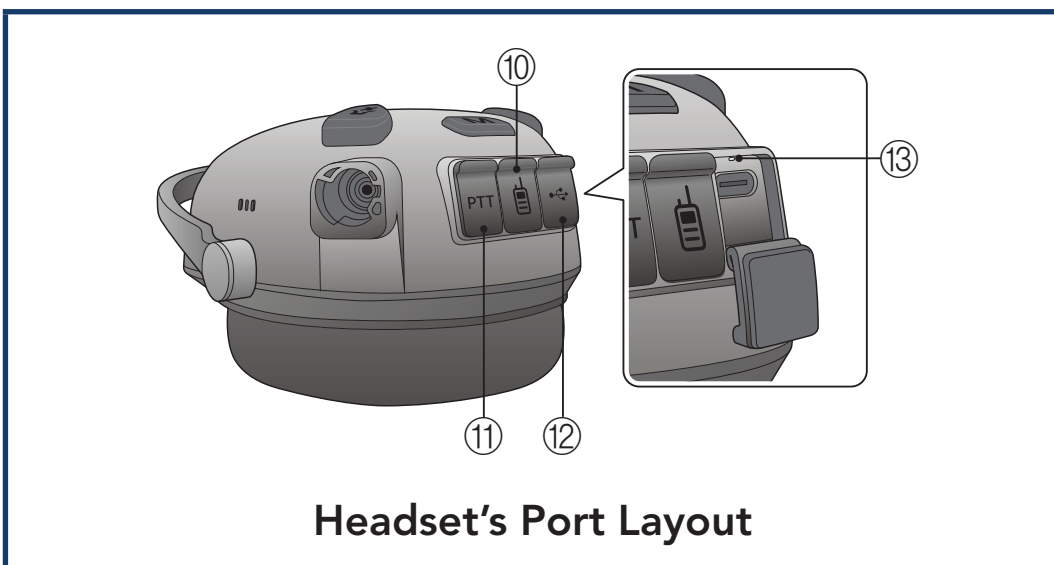
## 1.1 Product Features

- Support for Two-Way Radio Connection
- Ambient Mode
- Mesh Intercom™ Up to 1.1 km (0.7 mi) in open terrain
- Advanced Noise Control™
- Audio Multitasking™
- Bluetooth® 4.1
- Sena Marine App

## 1.2 Product Details



- ① Ambient Button
- ② Pinhole Fault Reset Button
- ③ Status LED
- ④ MIC Button
- ⑤ Mesh Intercom Button
- ⑥ PTT Button
- ⑦ Multi-function Button



- ⑧ (+) Button
- ⑨ (-) Button
- ⑩ Two-way Radio Port
- ⑪ Wired PTT Button Port
- ⑫ DC Power Charging & Firmware Upgrade Port
- ⑬ Charging LED

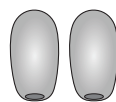
### 1.3 Package Contents



NAUTITALK N2R



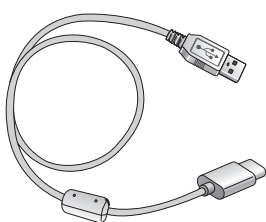
Microphone



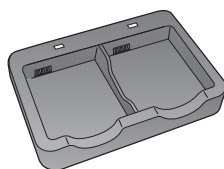
Microphone Sponges



Rubber Rings for Microphone Sponge



USB Power & Data Cable (USB-C)



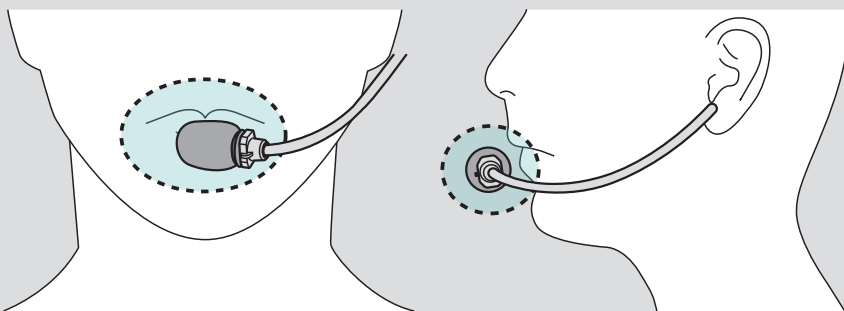
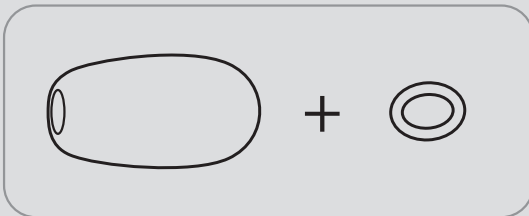
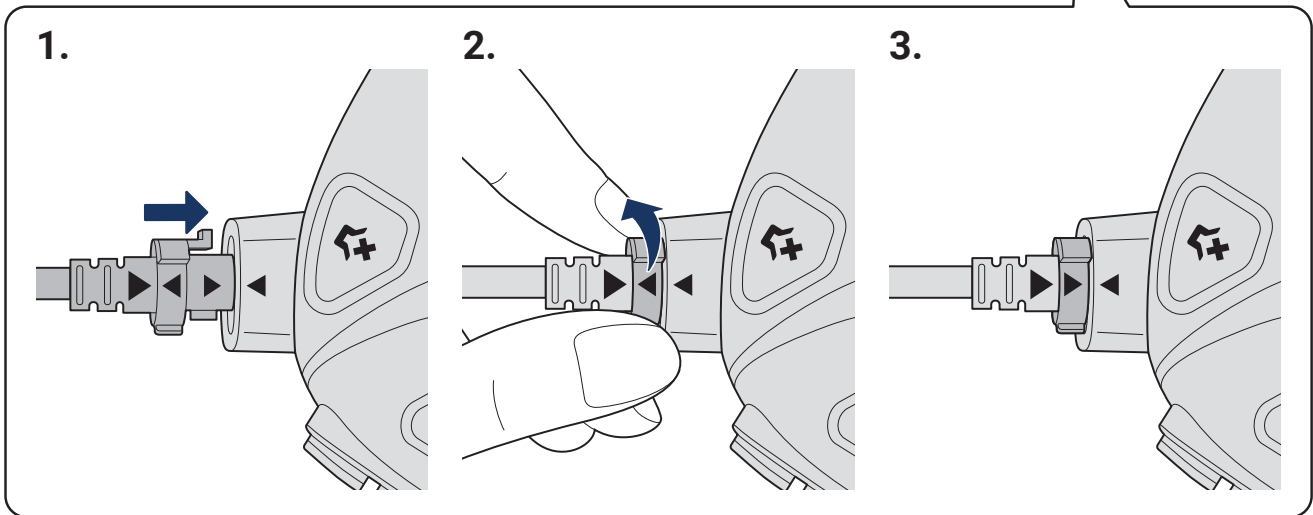
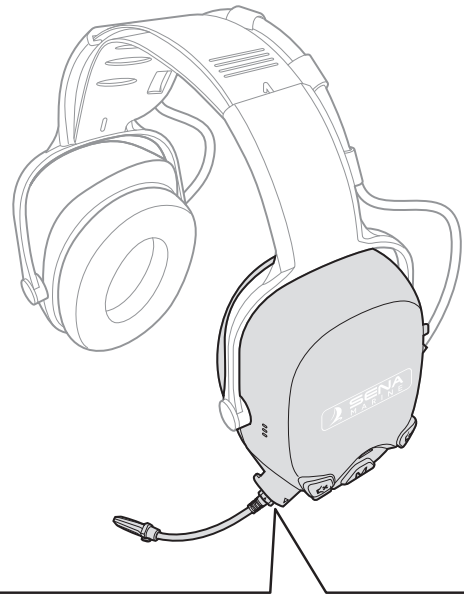
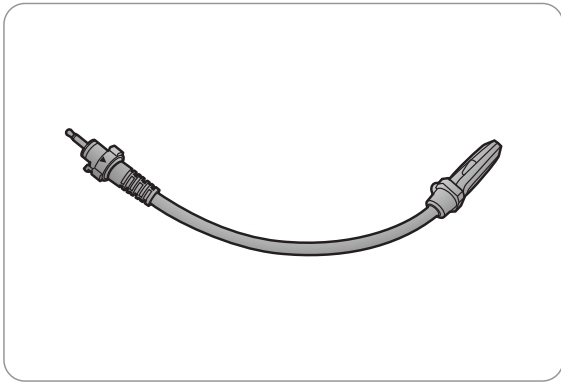
Dual Battery Charger



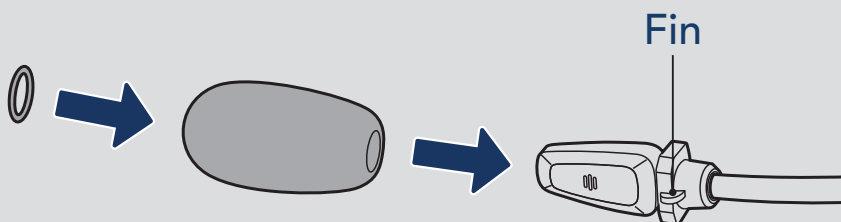
Rechargeable Battery

## 2. INSTALLATION

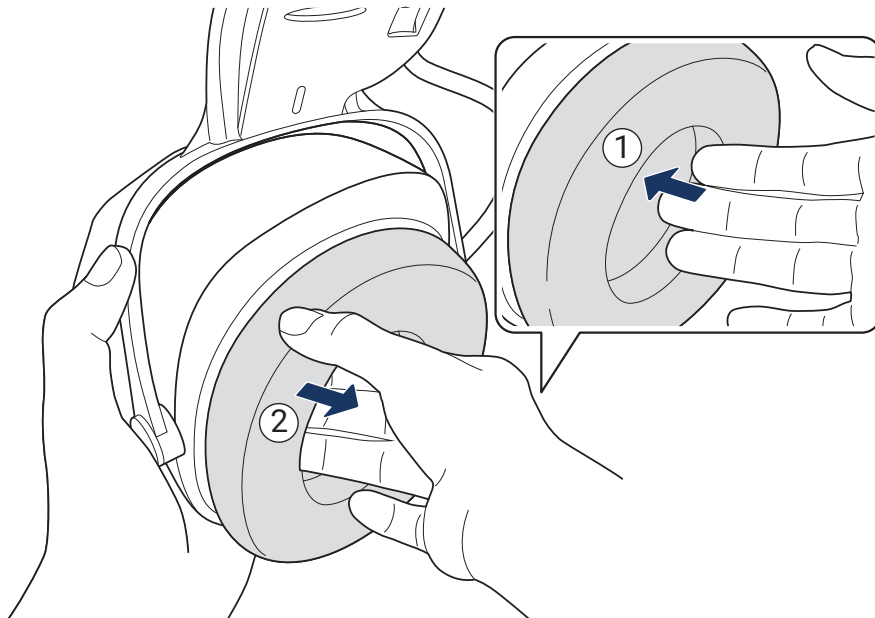
### 2.1 Microphone



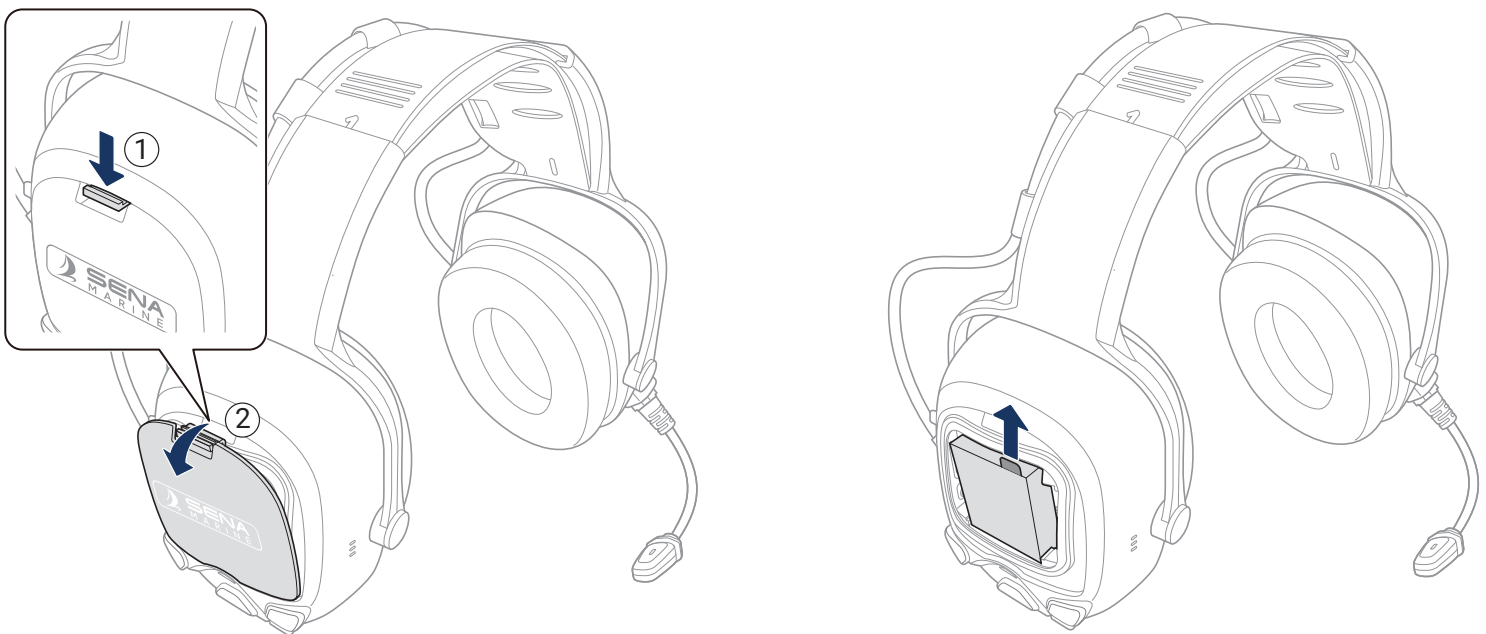
Adjust the direction of the microphone so that the **Fin** side of the microphone is facing outward, away from your lips.



## 2.2 Ear Pads



## 2.3 Battery



### AAA Batteries

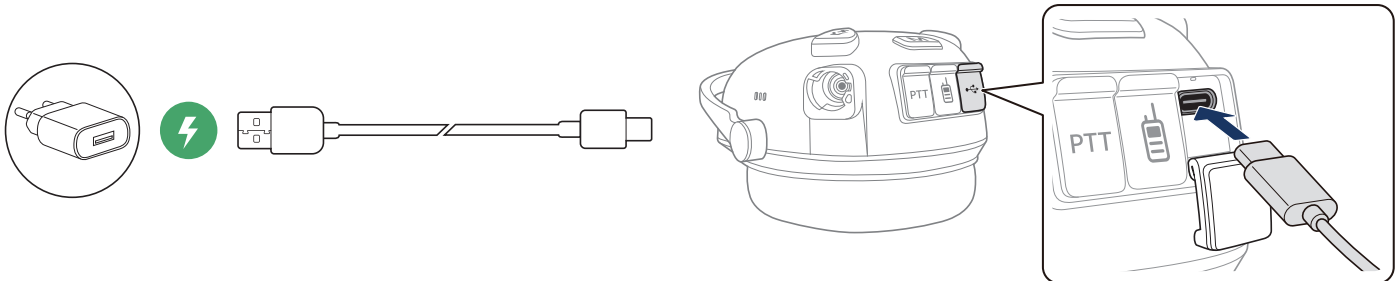
- If an alternative power source is needed, you can use three AAA batteries (sold separately).
- Performance may depend on battery manufacturers, and quality.
- Ensure to fit batteries with correct polarity.
- Do not mix battery manufacturers or old with new or rechargeable with non-rechargeable batteries.



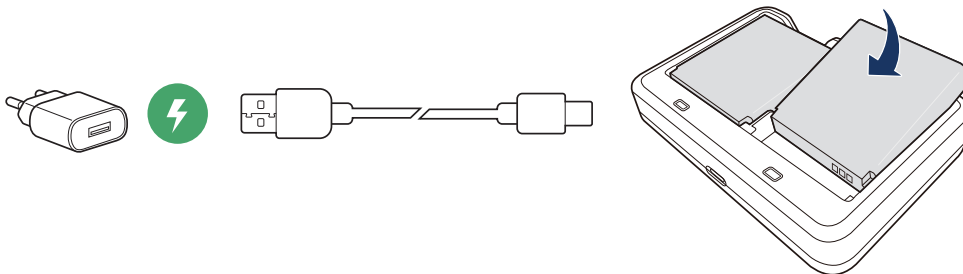
# 3. GETTING STARTED

## 3.1 Charging

### Charging the Headset



### Charging the Battery



#### Note:

- The headset includes a **Fast Charging** feature, allowing it to charge quickly over a short period of time. For example, a user can get up to 3.0 hours of Mesh communication after charging the headset for 20 minutes.
- Any 3rd party USB charger can be used with Sena products if approved by FCC, CE, IC, or other locally approved agencies.
- Using a non-approved charger may cause fire, explosion, leakage, and other hazards which may also reduce the lifetime or performance of the battery.

## 3.2 Legend



**Tap** button the specified number of times



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

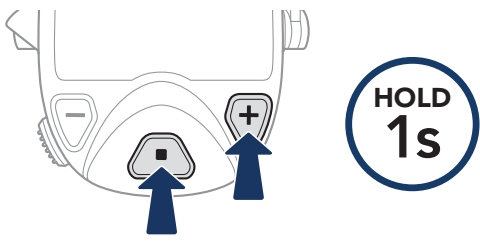


"Hello"

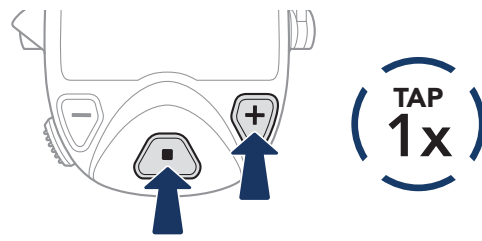
**Audible prompt**

### 3.3 Powering On and Off

#### Powering On

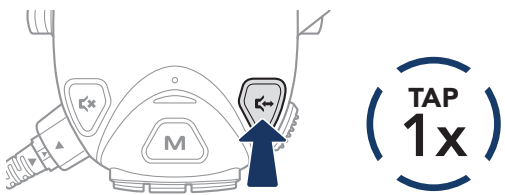


#### Powering Off



### 3.4 Ambient Mode (Default: Disabled)

With the help of **Ambient Mode**, you are able to hear ambient sound even if you are wearing the headset.

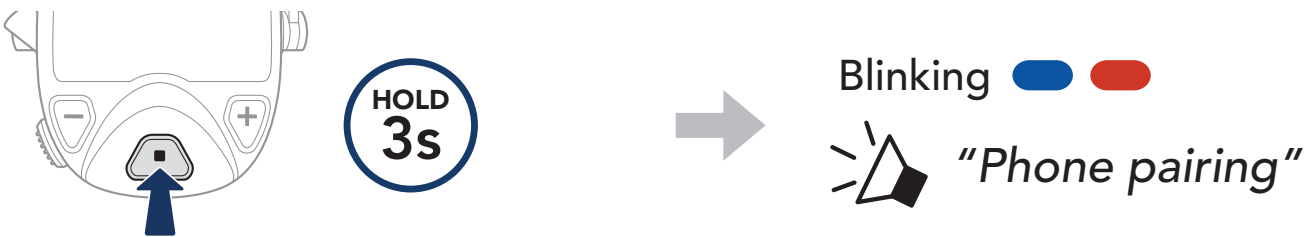


**Note:** The **Ambient Mode** has the highest priority, so other functions will be unavailable if the **Ambient Mode** is activated.

# 4. SMARTPHONE USAGE

## 4.1 Phone Pairing

1. Press and hold the **Multi-function Button** for **3 sec** until you hear "Phone Pairing."

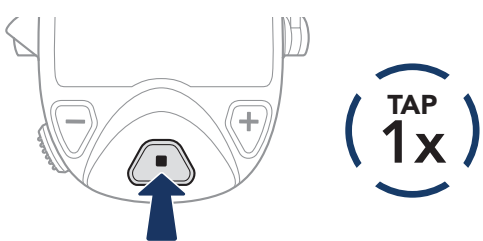


2. Select **NAUTITALK N2R** in the list of Bluetooth devices detected.

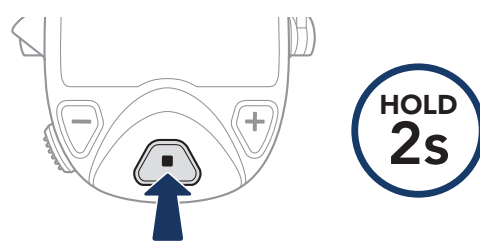


## 4.2 Making and Answering Calls

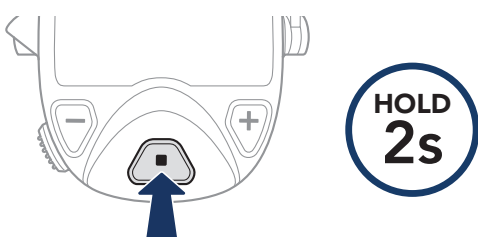
### Answer a Call



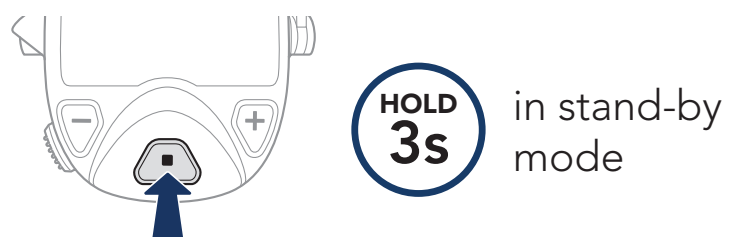
### End a Call



### Reject a Call



### Call a Voice Assistant



## 4.3 Speed Dialing

### 4.3.1 Assigning Speed Dial Presets

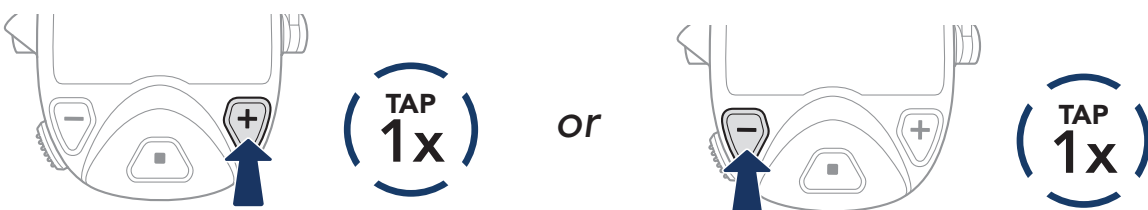
**Speed Dial Presets** can be assigned through the **Sena Marine App**.

### 4.3.2 Using Speed Dial Presets

1. Press and hold the **(+) Button** for **3 sec** until you hear "Speed dial."



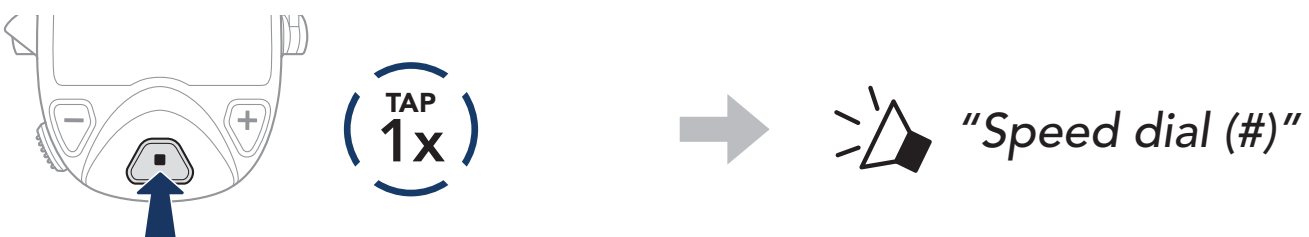
2. Navigate forward or backward by tapping the **(+) Button** or the **(-) Button**.



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

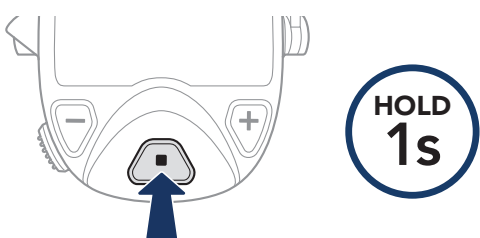
- (4) Speed dial 3
- (5) Cancel

3. Tap the **Multi-function Button** to proceed.

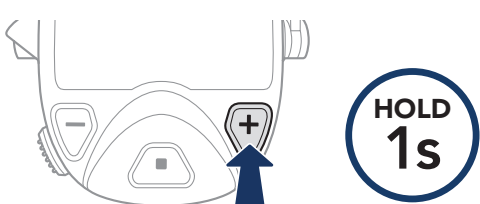


## 4.4 Music

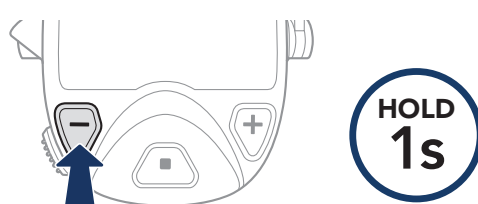
### Play/Pause



### Track Forward



### Track Backward



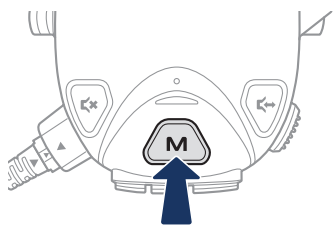
# 5. MESH INTERCOM

## 5.1 What is Mesh Intercom?

**Mesh Intercom™** instantly provides effortless communication between users without a pre-grouping process. Freely communicate with virtually unlimited users in each of the 9 available channels.

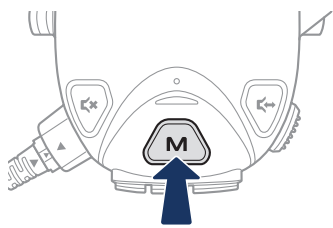
## 5.2 Starting Mesh Intercom

### Mesh Intercom On



Blinking   
 "Mesh intercom on,  
channel 1"

### Mesh Intercom Off

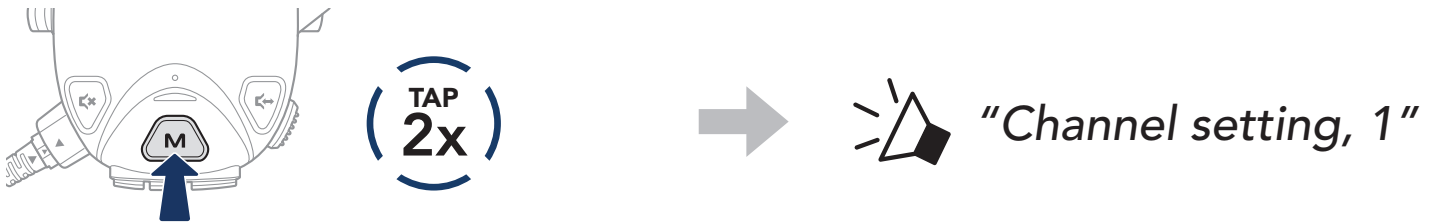


 "Mesh intercom off"

## 5.3 Channel Setting (Default: channel 1)

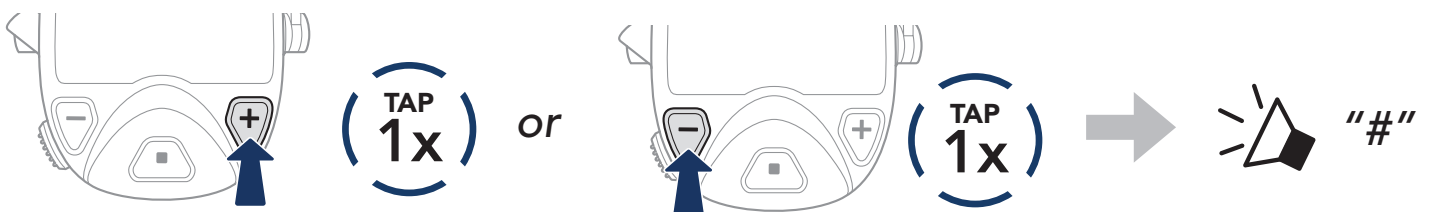
If the **Mesh** communication experiences interference because other groups are also using the same channel, you can change to one of the other eight channels.

1. Double tap the **Mesh Intercom Button**.

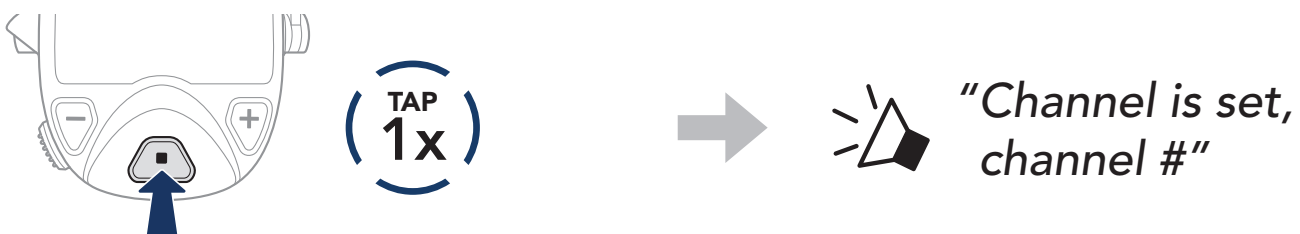


2. Navigate forward or backward by tapping the **(+) Button** or the **(-) Button**.

(1 → 2 → ●●● → 8 → 9 → Exit → 1 → ●●●)



3. Tap the **Multi-function Button** to save the channel.

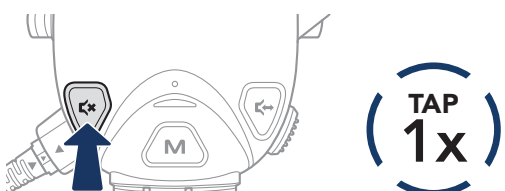


### Note:

- **Channel Setting** always starts with channel 1.
- To automatically save a channel after setting it, wait approximately **10 seconds** before pressing any other buttons.
- The channel will be saved even if you turn off the **NAUTITALK N2R**.
- The **Sena Marine App** can also be used to change the channel.

## 5.4 Mute/Unmute Mic (Default: Unmute)

Use the **MIC Button** to mute/unmute the microphone in any Mesh channel.

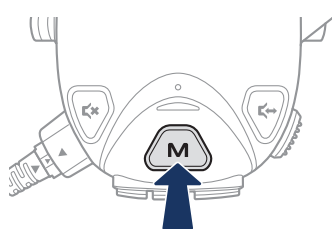


## 5.5 Mesh Reach-Out Request

You can request nearby\* friends to turn on Mesh Intercom:

1. To send or receive a request message, you must enable **Mesh Reach-Out** on the **Sena Marine App**. Please refer to **Section 8.1: "Configuration Setting."**
2. While your headset's Mesh Intercom is on, you can send a request message using the **Mesh Intercom Button** or the **Sena Marine App**.

**[Caller]**



**[Caller]**



**[Nearby Friends]**



3. Friends who receive the request message must manually turn on their Mesh Intercom using the **Mesh Intercom Button** or the **Sena Marine App**.

### Note:

\*: Up to 100 m (109 yds) in open terrain

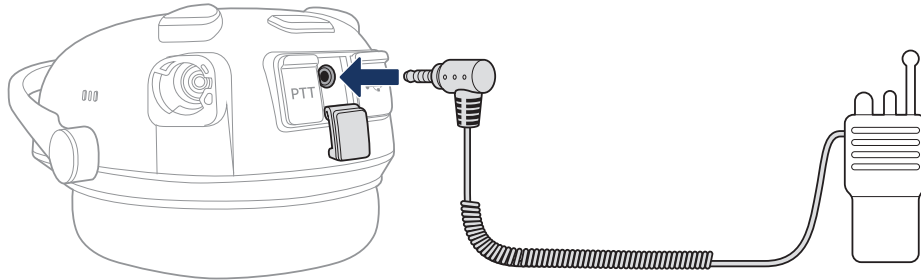
## 5.6 Audio Multitasking

**Audio Multitasking** allows you to have a **Mesh Intercom** conversation while simultaneously having a **two-way radio** conversation.

The volume level of the **two-way radio** conversation will not be reduced during a **Mesh Intercom** conversation.

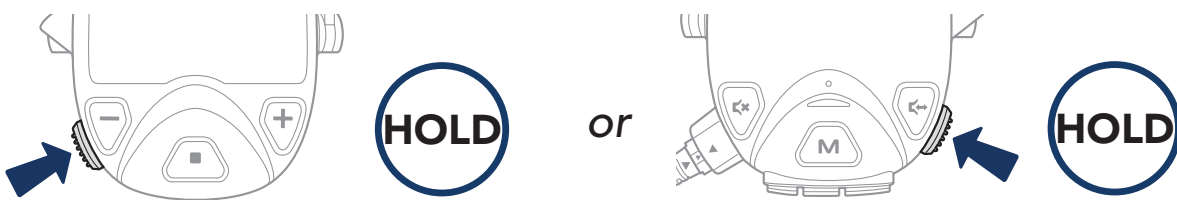
## 6. TWO-WAY RADIO

1. Connect the two-way radio with the **NAUTITALK N2R** using the **\*two-way radio cable** and port.



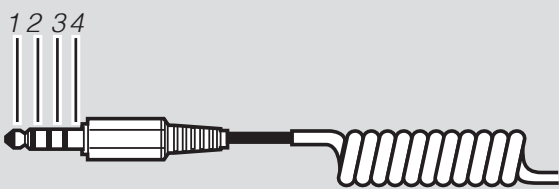
2. Press and hold one of the **PTT Buttons** to talk.

### Push-To-Talk (PTT)



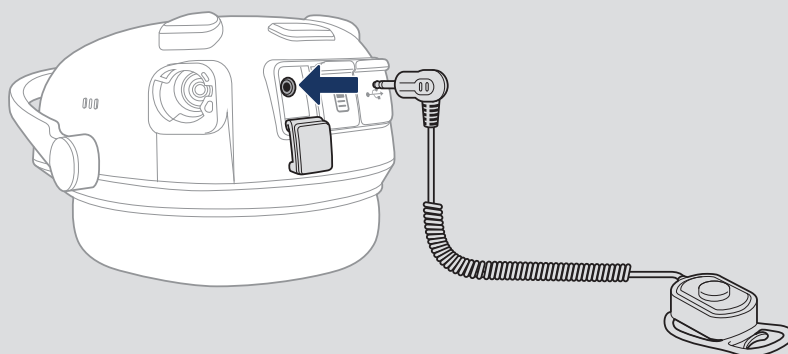
### Note:

- **Two-way radio cable:** Sold separately. For more information, visit [sena.com](http://sena.com).
- You can also create a cable that wires the **NAUTITALK N2R** and the two-way radio. Follow the diagram below to correctly wire the cable.



1	SPEAKER_OUT
2	PTT
3	MIC_IN
4	GROUND

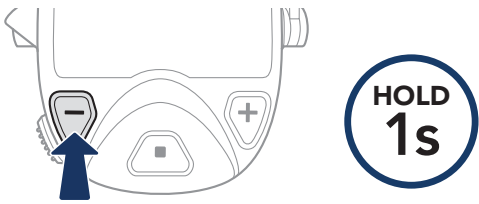
- **Extension Cable for Wired PTT Button:** sold separately.



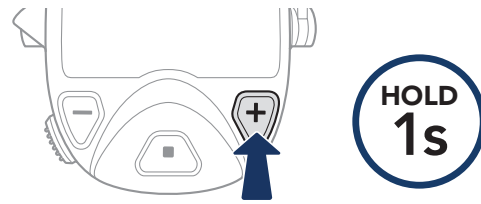


# 7. FM RADIO

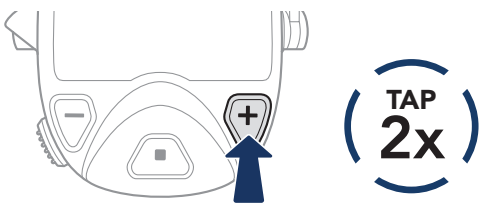
## FM Radio On/Off



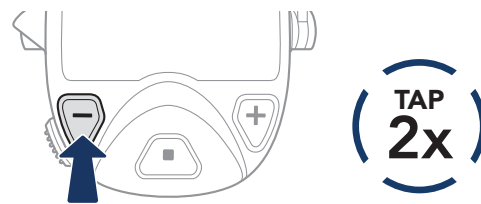
## Start/Stop Scanning



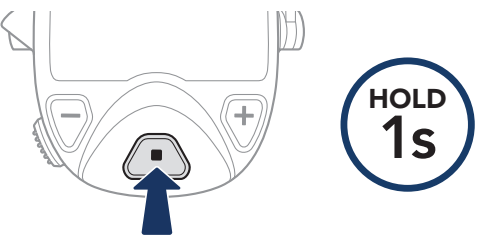
## Seek Forward



## Seek Backward

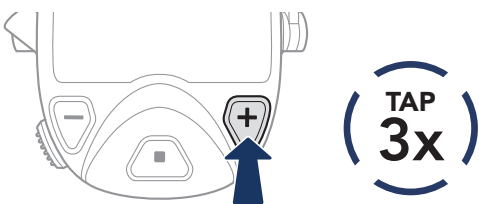


## Navigate through Preset Stations



## Temporary Stations

1. The **Temporary Preset** function automatically finds and saves the nearest 10 radio stations without changing your existing presets stations. Tap the **(+) Button** 3 times to automatically find and save 10 stations.



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

**Note:** You can save the current station in the **Sena Marine App**.

# 8. CONFIGURATION SETTING AND FIRMWARE UPDATES

## 8.1 Configuration Setting

You can change the configuration settings of the headset through the **Sena Marine App** or the **Sena Device Manager**.



### 8.1.1 Headset Language

You can select or change the device language, which will stay saved even if the headset is rebooted.

### 8.1.2 Mesh Reach-Out (Default: Disabled)

If the **Mesh Reach-Out** is disabled, a Mesh Reach-Out request message cannot be sent or received.

### 8.1.3 Mesh Intercom Vox Sensitivity (Default: 3)

The adjustable **Mesh Intercom Vox Sensitivity** activates voice transmission between 5 levels of voice sensitivity. The lower the sensitivity, the louder you need to speak.

### 8.1.4 Sidetone (Default: Disabled)

**Sidetone** is audible feedback from your voice and helps you naturally speak at the correct level based on the noise conditions of your surroundings. If this feature is enabled, you can hear what you are saying during an intercom conversation or a phone call.

### 8.1.5 Voice Prompt (Default: Enabled)

While some **Voice Prompts** may be disabled in the software configuration settings, the following voice prompts are always on:

- Battery level indicator
- Speed dial
- FM radio functions
- Mesh Intercom

### 8.1.6 RDS AF Setting (Default: Disabled)

A radio station with more than one frequency can be used by enabling the **Radio Data System (RDS) Alternative Frequency (AF) Setting**. This setting allows a receiver to re-tune to the second frequency location when the first signal becomes too weak.

### 8.1.7 FM Station Guide (Default: Enabled)

When **FM Station Guide** is enabled, FM station frequencies are given by voice prompts as you select preset stations.

### 8.1.8 Region Selection

When using the region setting, you can optimize the seek function to avoid unnecessary frequency ranges, allowing you to select the proper FM frequency range for your location.

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

### 8.1.9 Firmware Upgrades

You can upgrade the firmware using the **Sena Device Manager** by connecting the **USB Power & Data Cable (USB-C)** to your PC.

Download the **Sena Device Manager** at [sena.com](https://www.sena.com).

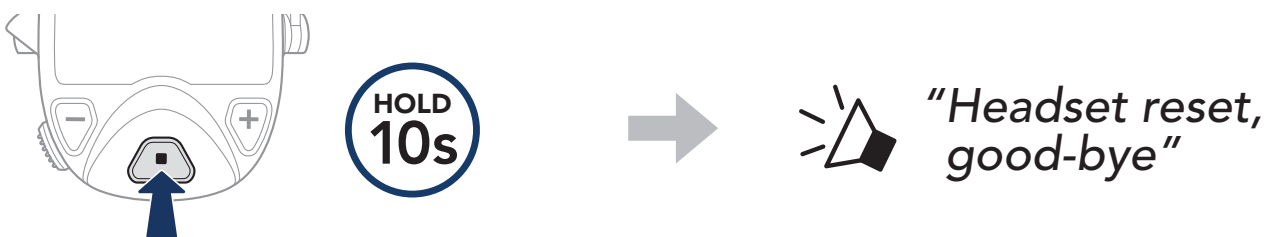
## 9. TROUBLESHOOTING

Please visit [sena.com](https://www.sena.com) for more troubleshooting information.

### 9.1 Factory Reset

If you wish to erase all of your settings, the headset can be restored to factory default settings using the **Factory Reset** feature.

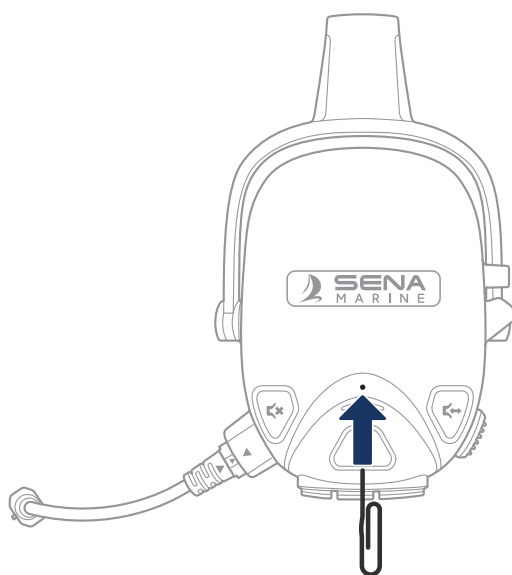
- Press and hold the **Multi-function Button** for **10 sec** until you hear "Headset reset, good-bye."



### 9.2 Fault Reset


























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












1. Locate the **Pinhole Fault Reset Button** above the **Status LED**.
2. Gently insert a paper clip into the hole and press the **Pinhole Fault Reset Button** with light pressure.



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

# 10. QUICK REFERENCE

TYPE	OPERATION	BUTTON COMMANDS
Basic Operations	Power on/ Power off	  
	Volume up/Volume down	  
	Ambient mode on/off	 
Phone Usage	Phone Pairing	 
	Answer phone call	 
	End phone call	 
	Reject phone call	 
	Call a Voice Assistant	 
	Speed dial	 
Music	Play/Pause music	 
	Track forward/backward	  

TYPE	OPERATION	BUTTON COMMANDS
Mesh Intercom™	Mesh Intercom on/off	 (TAP 1x)
	Channel setting	 (TAP 2x)
	Mute/Unmute Mic	 (TAP 1x)
	Mesh Reach-Out Request	 (TAP 3x)
FM Radio	FM radio on/off	 (HOLD 1s)
	Select preset	 (HOLD 1s)
	Seek forward/backward	 or  (TAP 2x)
	Scan up FM band/ Stop scanning	 (HOLD 1s)
Two-way Radio	Push-To-Talk (PTT)	 (HOLD)
	Factory Reset	 (HOLD 10s)



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Address: 152 Technology Drive Irvine, CA 92618