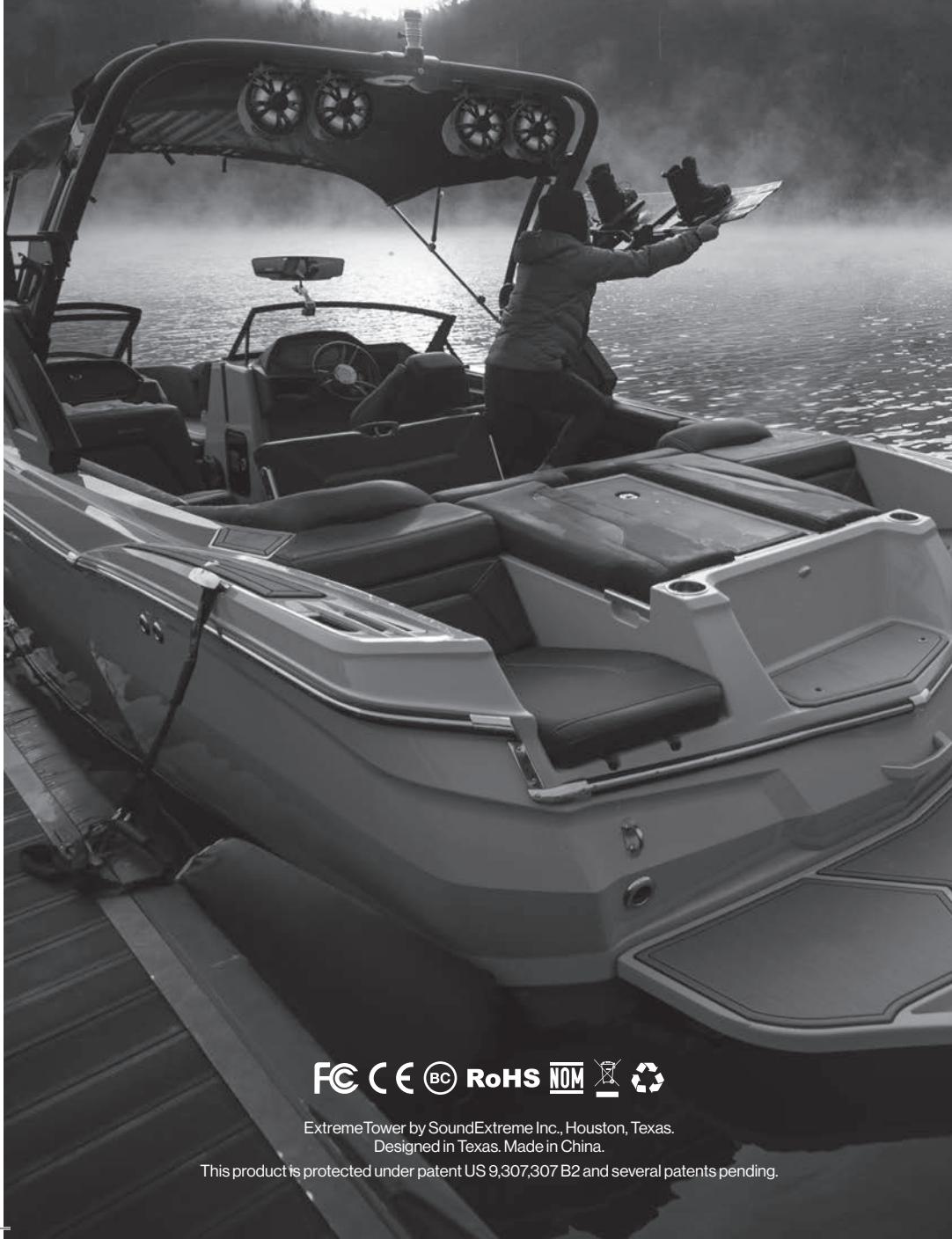


**SOUNDEXTREME**  
BY ECOXGEAR



**FCC** **CE** **BC** **RoHS** **NOM**  

ExtremeTower by SoundExtreme Inc., Houston, Texas.  
Designed in Texas. Made in China.

This product is protected under patent US 9,307,307 B2 and several patents pending.

BC

# ExtremeTower 8 inch Tower Speakers



## User Guide

**ExtremeTower TA8**  
Models: SEI-ETAMP7700...20

- 1 Bluetooth Amplified Tower Speaker
- 1 Passive Tower Speaker

**ExtremeTower TB8**  
Models: SEI-ETBAT7700...20

- 1 Bluetooth Amplified Tower Speaker
- 1 Passive Tower Speaker
- 1 Battery

**ExtremeTower TBB8**  
Models: SEI-ETAMPBAT7700...20

- 2 Bluetooth Amplified Tower Speakers + 2 Batteries

## Important

- Please read the Hardware Guide, Installation Guide, and this User Guide before installation and use.
- If your model includes a rechargeable Battery Pack and you want to use the optional charge feature by connecting to your vehicle's power source, please confirm you are only providing 12 volts to the speaker **BEFORE** installing the battery pack.
- **CAUTION: Do NOT connect to a 24V, 48V or 72V power supply!**  
The voltage for the power input is +12VDC. Connecting the ExtremeTower directly to higher voltages will cause damage to the speaker and cause the rechargeable battery to overcharge and overheat! In extreme cases, excess voltage can cause the battery to expand, leak, or potentially catch on **FIRE!** Any damage to the battery due to improper connections to higher voltages will **VOID THE PRODUCT WARRANTY.**
- The Amplified Speaker has a Remote Turn-On Input Wire. It provides a great feature that ensures there is no power drain when your vehicle is turned off. So, you will need to connect this input with the included Remote Turn-On Wire to your vehicle ignition switch. If you are not able to connect it to your vehicle ignition switch, connect this input to a rocker switch (not included), then connect the rocker switch to your vehicle's power supply.
- The Amplified ExtremeTower Speaker is compatible with the ECOXGEAR audio and LED lighting EcoSystem, which includes LEDCast and EcoCast Innovations. Look for the LEDCast and EcoCast logos on the growing family of ECOXGEAR and SoundExtreme audio and lighting solutions. EcoCast-enabled audio products are designed to be paired with one or more EcoCast-enabled products. Simply initiate EcoCast Transmitting Mode in one SoundExtreme or ECOXGEAR speaker and broadcast your music to one or more EcoCast-enabled products in Receiving Mode.
- LED lights are known to create interference (noise) on some FM radio frequencies (stations). When you tune or seek a station, it is recommended that you turn the LED Party Lights off.

## Important Legal Information

Do not modify or remove any original component parts of the speaker. Doing so could cause damage to the unit, allowing water to ingress. A unit with water ingress should not be charged due to potential risk of fire or shock.

Please exercise care and good judgment when using your ExtremeTower speakers. Audio levels should be appropriate to your environment, comply with all local regulations, and always ensure that you can hear and be aware of any potential hazards around you.

### You should always

- 1.) Use the ExtremeTower speakers in accordance with any music or noise rules and regulations.
- 2.) Properly seal the ExtremeTower speakers prior and after each use when in humid or water environments to avoid water damage to the internal components. Salt water / air is particularly corrosive. Always make sure that the gaskets are sealed when in a salt water environment and that the unit is properly rinsed off after use.
- 3.) Properly clean the ExtremeTower speakers and ensure the gaskets have no sand, dirt, or water on them prior to storage.
- 4.) Store your unit with all caps properly sealed to avoid long term internal moisture damage inside your unit.
- 5.) Completely dry and clean your ECOXGEAR prior to attempting to charge the unit.
- 6.) Return the unit to SoundExtreme if you suspect water ingress into the unit or if the unit has experienced a severe impact that may have affected the integrity of the unit to take on water.

### You should never

- 1.) Never power your ExtremeTower speakers if you suspect water has entered the device. Powering a device with water inside could be potentially hazardous and cause fire or a spark.
- 2.) Never use your ExtremeTower speakers if you have dropped it on a hard surface which may have destroyed the integrity of the speaker, housing, or gaskets. In the event of a severe impact to your unit, please return the unit to SoundExtreme to review for potential damage.
- 3.) Never open the jacks or covers in a water environment. This could cause water to ingress into the unit which could potentially be hazardous and cause a fire or a spark.
- 4.) Never attempt to fix, repair your ExtremeTower speakers. Please send it back to Grace Digital for any assessments and repairs.

### CARE, MAINTENANCE & PRECAUTIONS:

- 1.) The unit is waterproof only when the caps and door are properly closed.
- 2.) Close the caps and door properly before use. If the unit is placed in a water environment without the caps or door properly closed, water may enter into the unit and void your warranty.
- 3.) Dry unit completely before opening the caps. Do **NOT** open the caps if wet or in a wet environment.
- 4.) Do **NOT** apply excessive force to any surfaces of the unit when wet or in a wet environment.
- 5.) Do **NOT** use or store the unit in places with high temperature.
- 6.) **AVOID** prolonged exposure to ultraviolet radiation (UV sunlight) and strong magnetic fields.
- 7.) Periodically check the rubber seal on the caps and door for premature wear.
- 8.) Periodically clean the rubber with a soft moist cloth and ensure no objects such as dirt, hair, sand are on the rubber seal ring. Do **NOT** use any oily solvent or chemicals for cleaning.
- 9.) Rinse off the unit with tap water after use in salt water.
- 10.) Noise and audio distortion may occur when the batteries are nearing end of charge.
- 11.) Do **NOT** remove the grill covers.
- 12.) Power the unit by attaching the Power Cable intended for use with the unit. The unit must be connected to a 12VDC power source. If the vehicle battery terminal voltage is not 12V, you will need a DC-DC converter with output 12V. Connecting the unit to a non-12VDC power source will lead to a malfunction or damage to the unit.

### LIMITED MANUFACTURER'S WARRANTY:

The ExtremeTower speakers are covered by a 1-year limited warranty that covers defects in workmanship and / or materials for a period of 1 year from original purchase date. This warranty does not apply to any products which have been abused, neglected, modified or used for a purpose other than the one for which they were manufactured. Please refer to the above care and maintenance instructions for suggested care details. The warranty is valid only for the original owner who purchases the unit from an authorized dealer. Transfers do not qualify for warranty protection. SoundExtreme reserves the right to replace any out-of-stock or discontinued product with a comparable product. Discontinued products may not be available for warranty replacement. Any contents are **NOT** covered by the limited manufacturer's warranty. Warranty terms may be revised without notification at the discretion of the manufacturer. Please visit [www.soundextreme.us](http://www.soundextreme.us) for additional product & warranty information.

## FCC STATEMENT:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1.) This device may not cause harmful interference, and
- 2.) This device must accept any interference received, including interference that may cause undesired operation.

**WARNING:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** To maintain compliance with FCC's RF Exposure guidelines, this equipment should be installed and operated with minimum distance between 20cm the radiator to your body.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: reorient or relocate the receiving antenna, increase the separation between the equipment and receiver, connect the equipment into an outlet on a circuit different from that to which the receiver is connected, consult the dealer or an experienced radio/TV technician for help.

## PRODUCT USE AND PROTECTION:

**Read and follow all instructions. Use only as intended.**

The ExtremeTower speakers are intended to be used indoors or outdoors and in land or water environments. The speakers have been tested to IP66 waterproofing standards, which means the speakers can be exposed to dust and water, but should not be submerged underwater. The speakers are **NOT** intended for underwater use.

Always make sure the cap(s) / cover(s) are clean, free from sand or debris, and correctly fitted. The speaker will only meet IP66 ratings if all rubber seals, gasket(s) and cover(s) / cap(s) are in place. If you notice a muffling of audio after submersion, gently shake the unit to clear excess water. If your speaker is exposed to salt water, clean it thoroughly after use with fresh water.

The power cables and the unit with an improperly fitted cap are **NOT** waterproof.

To prevent fire or shock, do **NOT** attempt to power this unit if it is wet or you suspect water has entered the unit. In this situation, please return the unit to Grace Digital for a free assessment. If we have found that the unit has carried water, we will repair or replace the unit free of charge.

## SAFETY ADVISORY & WARNING:

**Read and follow all instructions. Use only as intended.**

**CAUTION:** Do **NOT** open to repair. A qualified technician must carry out repair work.

**ATTENTION:** Do **NOT** remove the battery while the unit is wet. Towel dry the unit **AND** make sure all connections are dry **BEFORE** removing the battery to recharge. Failure to do so may result in electrical damage to the unit and may void the warranty.

**ATTENTION:** Do **NOT** connect to a 12VDC power supply while the unit is wet. Make sure all connections are dry **BEFORE** connecting to a power source. Failure to do so may result in electrical damage to the unit and may void the warranty.

**⚠ WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

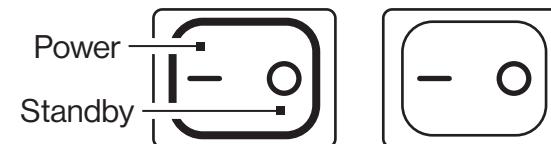
**WARNING:** Danger of explosion if battery is incorrectly charged.

**ATTENTION:** Do **NOT** dispose of in a landfill. Contact SoundExtreme at [www.gracesupport.com](http://www.gracesupport.com) or a certified recycling agent to dispose of the unit.

## SAFETY:

This product has a limited life span of use and should be replaced when it shows obvious signs of wear.

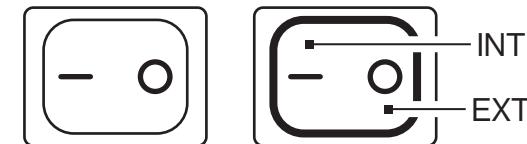
## Power Mode Switch



The Power Mode Switch (Red Switch) is located behind the rear Cover.

- Remove the back Cover to view the switch. This switch modifies the Power On State when you turn on your vehicle ignition switch.
- When the Switch is set to the On position (factory default setting), the speaker will be turned on.
- When the Switch is set to the Standby position, the speaker will enter Standby Mode. You will need to press the Power Button on the Amplified Speaker or the RF Remote Control to turn the speaker on.

## FM Antenna Switch



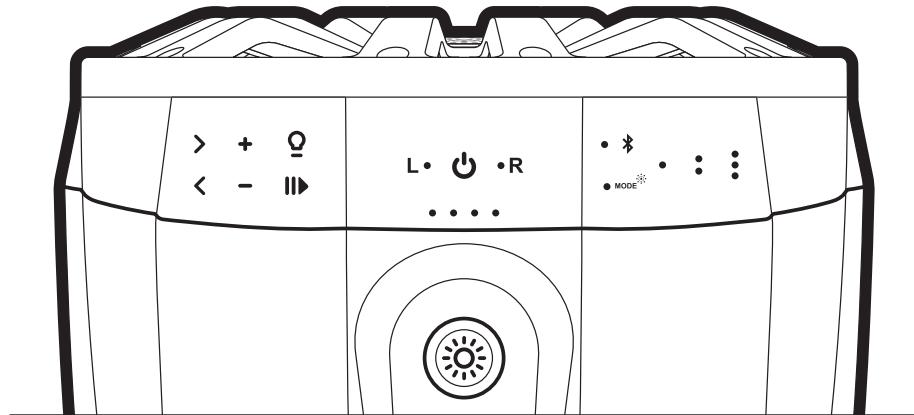
The Amplified Speaker has a built-in FM Antenna. It also includes an FM Dipole Antenna Jack for an optional external antenna connection and improved reception (dipole antenna sold separately). Next to the Power Mode Switch is the FM Antenna Switch (Blue Switch).

- When the Switch is set to the INT position (factory default setting), the speaker will use the internal FM Antenna.
- When the Switch is set to the EXT position, the speaker will use external antenna (sold separately) for FM radio reception.

### Buttons and LED Status Indicators

Only the Amplified Tower Speakers have Control Buttons. The Passive Tower Speakers do not have any Control Buttons and must be controlled via the connected Amplified Speakers.

For models with two amplified speakers, the speakers function independently or can be paired wirelessly together via the EcoCast function. Please refer to **EcoCast – Stream Music Between Multiple Speakers** for more details.



#### 1. Power Button

- Short-press to turn the speaker on / off.

#### 2. Battery Level LED Indicators

- Each LED represents 25% of a charge.

#### 3. Left and Right Channel LED Indicators

- **L** LED Light On: The Amplified Speaker will play the Left Audio Channel and the passive speaker will play the Right Audio Channel for true stereo.
- **R** LED Light On: The Amplified speaker will play the Left Audio Channel and the passive speaker will play the Right Audio Channel for true stereo.

### Power Input

12V, 20A

### Blade Fuse

20A, 32V

### Speaker Party Lights

Addressable RGB LEDs

### Rechargeable Battery Pack (if included) - Power

12V, 13.4Ah Lithium-Ion

### Rechargeable Battery Pack (if included) - Weight

1.81 lbs / 0.82 kg

### Battery Charger (if included) - Input

100 - 240VAC 50/60Hz, 0.6A

### Battery Charger (if included) - Output

12V, 2.0A

### Storage Temperature

-40°F to 122°F / -40°C to 50°C

### Operating Temperature

23°F to 95°F / -5°C to 35°C

### ISED Statement:

#### - English:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

This device may not cause interference.

This device must accept any interference, including interference that may cause undesired operation of the device.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

#### - French:

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

L'appareil ne doit pas produire de brouillage;

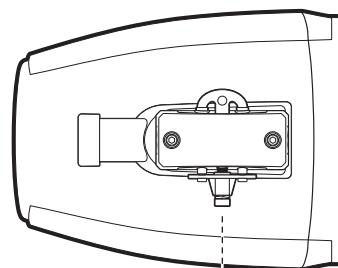
L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

L'appareil a été évalué pour répondre aux exigences générales en matière d'exposition aux RF.

L'appareil peut être utilisé dans des conditions d'exposition portables sans restriction.

## Specifications

### Dimensions



### Weight - Passive Speaker

9.66 lbs / 4.38 kg (with mount);  
8.16 lbs / 3.7 kg (without mount)

### Weight - Amplified Speaker without Battery

10.32 lbs / 4.68 kg (with mount); 8.82 lbs / 4 kg (without mount)

### Audio Output Power

300 Watt max (100 Watt RMS)

### Tweeter

1.5" (38 mm) tweeter, 4 ohms

### Woofer

8" (203 mm) low and mid-range woofer, 3 ohms

### Bluetooth Compliance

Bluetooth® 5.1

### EcoCast Range

30 ft / 9.1 m between Transmitting speaker and Receiving speaker

### FM Radio Frequency Range

US: FM 87.5 - 107.9 MHz

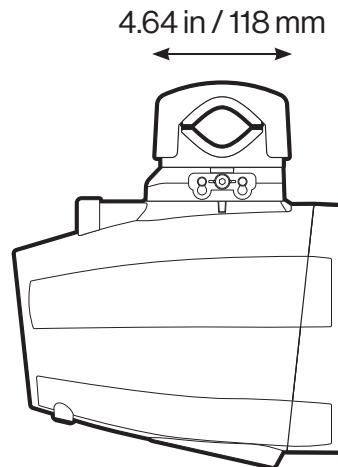
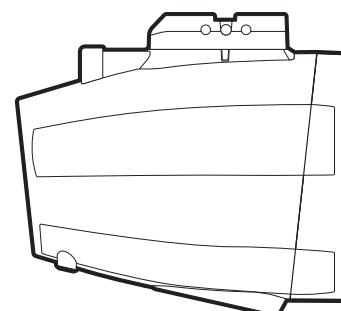
### Frequency Response

35Hz - 21KHz

### Sensitivity

92dB + - 3dB @ /1W/1m

### Built-in, two-way crossover network



## Buttons and LED Status Indicators

- **L** and **R** LED Lights On: Both speakers will play the Left and Right Audio Channels (Mono).

### 4. Mode Button with LED Indicator

- Short-press to change Modes. The Mode LED Status Indicator will change color to indicate the current Mode:
  - Solid Blue: Speaker Mode
  - Flashing Red: EcoCast Transmitting – Pairing Ready
  - Solid Red: EcoCast Transmitting
  - Flashing Green: EcoCast Receiving – Pairing Ready
  - Solid Green: EcoCast Receiving – Paired with EcoCast Transmitting speaker
  - Flashing Red and White: EcoCast Transmitting in FM Mode – Pairing Ready
  - Solid White: FM

- **PRESS AND HOLD** for 2 seconds to enable EcoCast pairing.

### 5. Bluetooth Button with LED Status Indicator

- Short-press to enable pairing with your phone or other Bluetooth device.

- Flashing Blue: Bluetooth Pairing
- Solid Blue: Bluetooth Connected

- **PRESS AND HOLD** for 5 seconds to clear all Bluetooth and EcoCast pairing records.

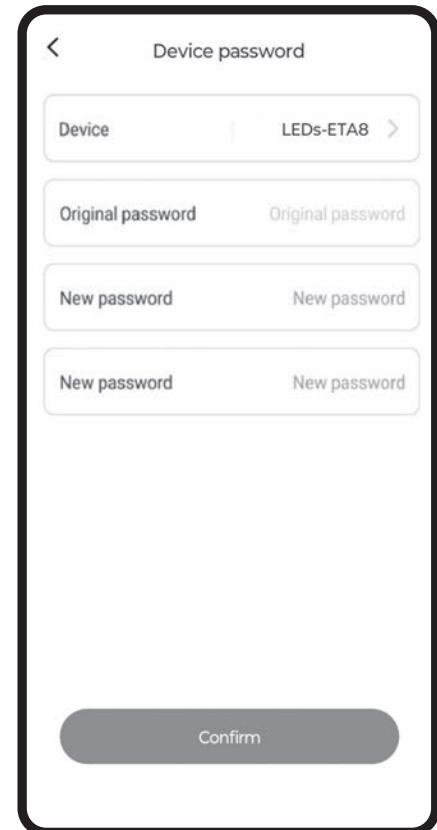
### 6. FM Preset Buttons

- The speaker has the ability to store and play 3 FM radio presets.
- Short-press a Preset Button and the speaker will tune to the saved station corresponding to the Preset Button.

## Buttons and LED Status Indicators

- **PRESS AND HOLD** a Preset Button for 2 seconds to save the station that you are currently listening to to that Preset Button.
- 7. Play/Pause Button 
  - Short-press to play or pause audio playback.
- 8. Volume  and  Buttons
  - Short-press the  or  Buttons to increase or decrease the speaker's volume.
  - **PRESS AND HOLD** both the  and  Buttons at the same time for 3 seconds to change the Left and Right Audio Channel settings for the speaker. Each **PRESS AND HOLD** will cycle through Left, Right, and Mono.
- 9. Track Buttons  
  - In Bluetooth Mode, short-press  or  to skip to the previous or the next track.
  - In FM Mode, short-press  or  to tune in a radio station.
  - In FM Mode, **PRESS AND HOLD**  or  to seek a strong station.
- 10. Party Lights Button 
  - Short-press the Party Lights Button to cycle through the Party Light Modes.
  - **PRESS AND HOLD** to turn the Party Lights on / off.
- 11. Dome Light Button 
  - Short-press to turn on. Each consecutive short-press will cycle through the three Dome Light brightness levels (high, mid, low) and then turn the Dome Light off.
  - **PRESS AND HOLD** to turn the Dome Light off.

## SoundExtreme App



5. If the change is successfully saved, the app will display a confirmation message.

This is a one-time event. You do not have to enter in your password every time you launch the app, as your app will remember your password.

### Factory Reset

If you forget the password, you will need to do a Factory Reset on the Amplified Extreme Tower Speaker so that the password is reset to its default value: 0000.

- When the Amplified Tower Speaker is on, **PRESS AND HOLD** the P1 and P3 Buttons on the speaker at the same time for 3 seconds. The speaker will produce a prompt triple-beep tone indicating that the Factory Reset is successful.

**Note:** Besides the password reset, a Factory Reset will also configure the Amplified Extreme Tower Speaker to the following Factory Settings:

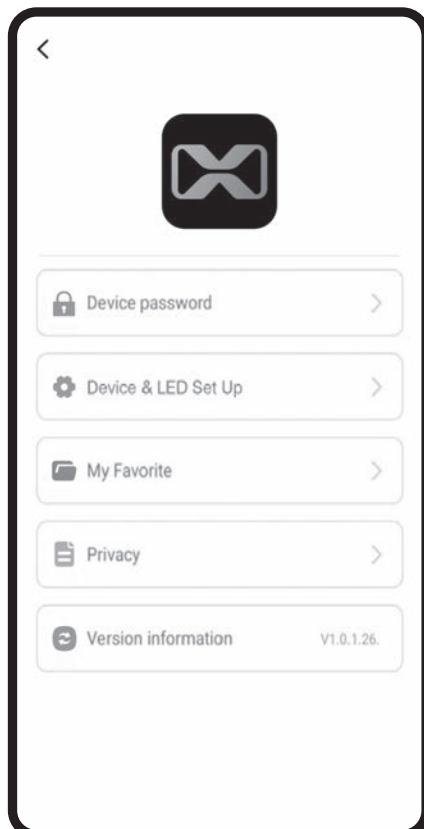
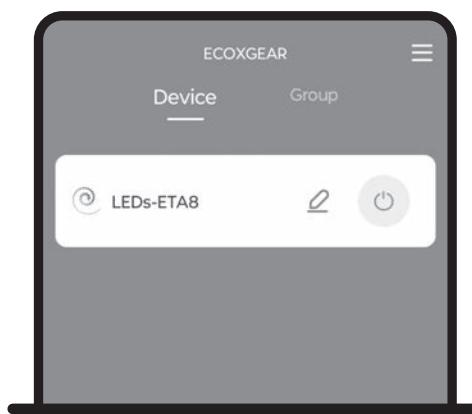
- The Party Lights (Zone 1) is set to Scene 1 with the Brightness set to 100% and the Speed set to 80%.
- All the 5 configurable Scenes are set to the Factory Default Scenes.
- All the 3 FM station Presets are cleared.
- All the Bluetooth pairing records are erased.

## Change Password

To add extra security, you can change the default password of 0000 to your desired 4-digit numeric password. Please note that the password is stored in your Amplified ExtremeTower Speaker, not the SoundExtreme App. So, after you change the password, please make a note in case you forget your password. The password won't be reset by reinstalling the app or changing to another smartphone. The only way to reset your password is to conduct a factory reset on the Amplified Tower Speaker.

Follow the steps below to change your password:

1. Select the Menu  at the top-right corner of the screen.
2. Select  **Device Password** from the menu.
3. Once at the **Device Password** screen, select the device that you want to change the password to.
4. Enter the current password, the new password, and re-enter the new password. Then tap the **Confirm** button.



## Connecting and Playing Bluetooth Audio

1. Turn the speaker on and place the speaker into Bluetooth Mode.
2. Short-press the Mode Button until you hear, "Speaker Mode. Ready to connect," announced.
3. On your phone's Bluetooth settings, select 'SoundEx-ETA8' to pair. If you don't see the speaker name, turn your phone's Bluetooth off and on again to refresh the list, or short-press the Bluetooth Button on the speaker to enable Bluetooth pairing again.
4. Wait for a few seconds. Once the pairing and connection are completed, the speaker will announce, "Your phone is connected," and the Bluetooth LED Status Indicator will light up solid blue.

## Change the Speakers' Audio Channel.

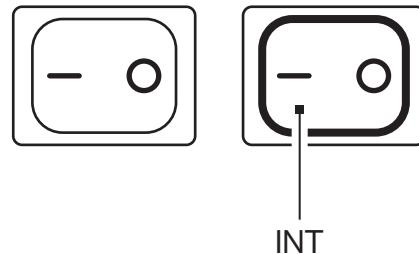
By default, the speakers are set to Mono Mode. Both the **L** and **R** Status LED's will shine green.

1. **PRESS AND HOLD** both the  and  Buttons at the same time for 3 seconds to change the Audio Channel. Each 3-second Press and Hold will cycle through Left (**L**), Right (**R**), and Mono Mode.
2. The speaker will announce the Mode audio changes and the appropriate LED Status Indicator will light up.

If you have one Amplified Speaker and one Passive Speaker, you only need to make the change on the Amplified Speaker; the Passive Speaker will automatically be assigned to the appropriate Audio Channel, e.g. if you set the Amplified Speaker to the Left Audio Channel, the Passive Speaker will be set to the Right Channel.

If you have two Amplified Speakers, you will need to follow the above steps to set up each Amplified Speaker.

### Listening to FM Radio



The first time you listen to FM Radio on your Extreme Tower Speakers, check the FM ANT Switch position to make sure it is in the correct position. If you use the Internal Antenna, the switch should be in the INT position.

**Recommendation:** Turn the LED Party Lights off when searching for a radio station. LED lights can create interference with some FM radio frequencies.

#### Station Tuning

1. Short-press the Mode Button to cycle through to FM Mode, the speaker will announce, "FM Mode."
2. Short-press < or > to tune in a radio station.

**PRESS AND HOLD** < or > to seek a strong station.

3. Short-press the + or - Button to adjust the volume.

#### FM Preset

1. **PRESS AND HOLD** a Preset Button to save the current station to the corresponding Preset.
2. Short-press a Preset Button to tune to the saved station corresponding to that Preset Button.

### Set Up Scenes

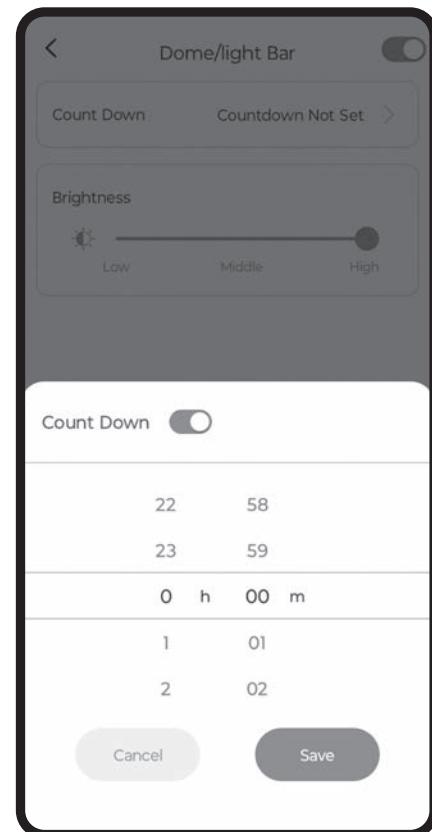
1. On the **Device List** screen, select your Amplified Extreme Tower Speaker (**LEDs-ETA8**) and the app will bring you to the **Zone** screen. Tap the **Scene** tab. The app will show 5 predefined scenes on your Amplified Tower Speaker.
2. You can change a Scene's LED settings by selecting any of the 5 Scenes. When you select the Scene, you will go to the LED Mode Setting screen. You can use the same procedure as in the **Set Up Zones** section to set up each Zone and save the Scene's new LED settings.
3. After you set up LED Modes for all the Zones, the setup is complete for the selected Scene.



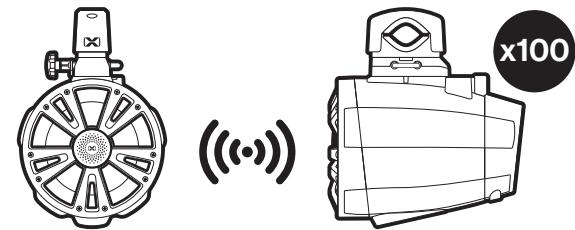
## Control Speaker Dome Light

You can control the Amplified ExtremeTower Speaker Dome Light with the following steps:

1. On the **Device List** screen, select your Amplified Tower Speaker (**LEDs-ETA8**) and the app will bring you to the **Zone** screen.
2. On the Zone screen, Tap **Dome/Light Bar** (Zone 2) and you will go to the **Dome/Light Bar** Settings screen.
3. There are 3 brightness levels (High, Mid, and Low) on the slide bar for you to choose from.
4. You can also set a countdown timer for the Dome Light by tapping **Count Down**. Set up a time on the countdown timer from the popup window. Once the countdown is over, the app will turn off the Dome Light.



## EcoCast – Stream Music Between Multiple Speakers



The Amplified ExtremeTower Speaker has EcoCast built-in, which allows the speaker to broadcast (transmit) or receive wireless audio streams to or from other EcoCast-enabled products.

### EcoCast Streaming: Two Modes

Use the Mode Button on the Amplified Speaker to set the speaker into EcoCast Transmitting Mode or EcoCast Receiving Mode:

1. **EcoCast Transmitting Mode:** When set in this Mode, the EcoCast Transmitting speaker broadcasts audio to multiple wireless connected EcoCast-enabled speakers. The Transmitting speaker's audio streaming can be the music played from your phone (via Bluetooth), or FM radio.
2. **EcoCast Receiving Mode.** When set in this Mode, the Amplified Speaker will receive audio from an EcoCast Transmitting speaker, soundbar, or radio.

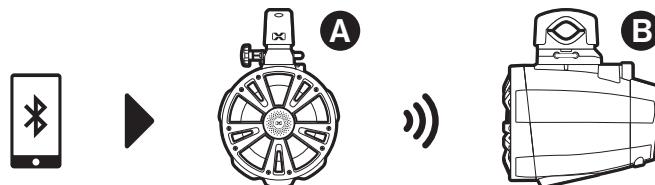
### Notes:

- When set to Speaker Mode, the Amplified Speaker turns the EcoCast capability off.
- When you have two or more Amplified Speakers or other ECOXGEAR or SoundExtreme speakers bearing the EcoCast

## Audio Functions

symbol, you can build a broadcast system by initiating EcoCast Transmitting Mode in one Amplified Speaker and broadcasting your music to one or more EcoCast-enabled speakers in EcoCast Receiving Mode.

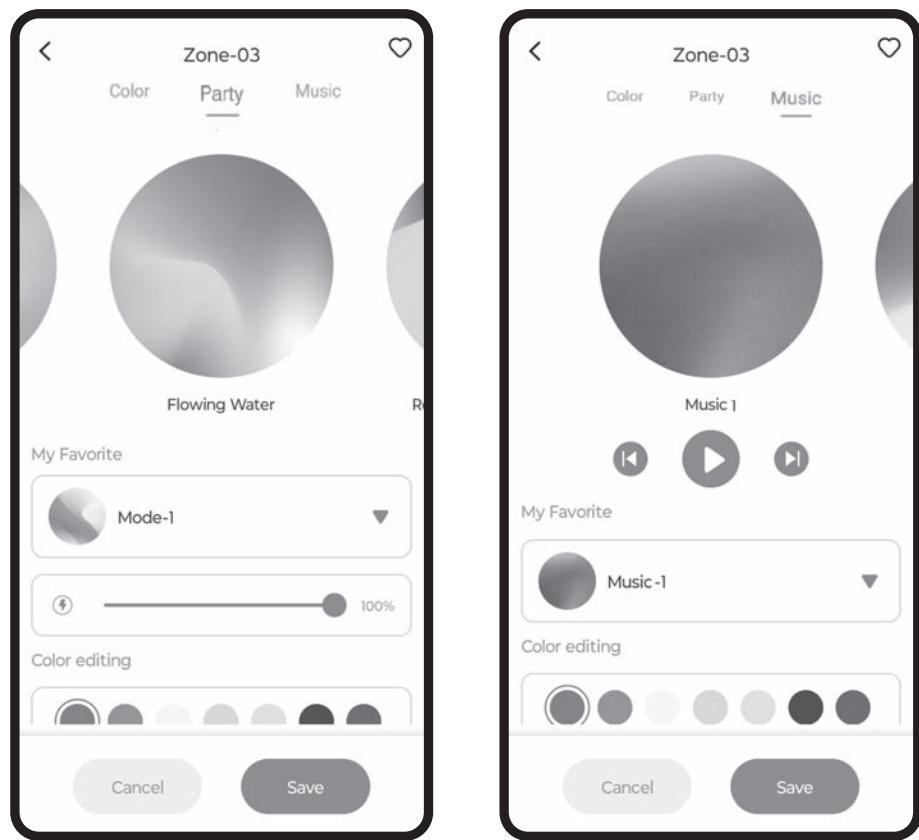
### EcoCast: First Two Amplified Speakers



Follow the steps below to pair two Amplified Tower Speakers:

1. Follow the **Connecting and Playing Bluetooth Audio** instructions to connect one Amplified Extreme Tower Speaker (**Speaker A**) to your Bluetooth device. After your device is connected to **Speaker A**, you can play your desired audio.
2. Press the Mode Button to put **Speaker A** into EcoCast Transmitting Mode. The Mode LED Status Indicator will flash Red, and the speaker will announce, “EcoCast transmitting.”
3. Power on the other Amplified Tower Speaker (**Speaker B**) and press the Mode Button to cycle through to and initiate EcoCast Receiving Mode. The Mode LED Status Indicator will flash Green, and the speaker will announce, “EcoCast receiving.”
4. Once the connection between the speakers is successful, **Speaker B** will announce, “Connection successful,” and start playing audio.

## SoundExtreme App



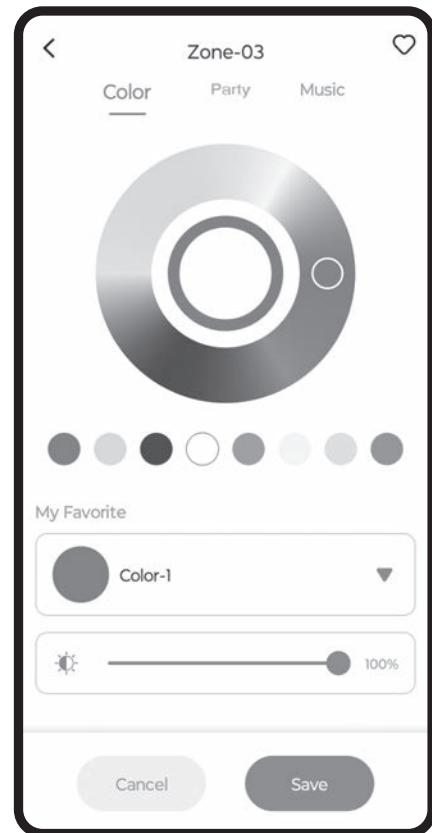
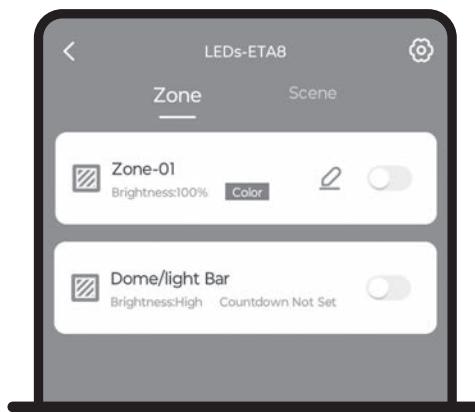
- If you tap the **Save** button on the screen, the app will save your setting for the selected Zone.
- If you tap the **Cancel** button or exit the LED Mode Settings screen, your Mode selection will not be saved and LEDs connected to that Zone will display the previously selected LED Mode.

3. After you set up the Modes for each of the Zones, the controller setup is complete.

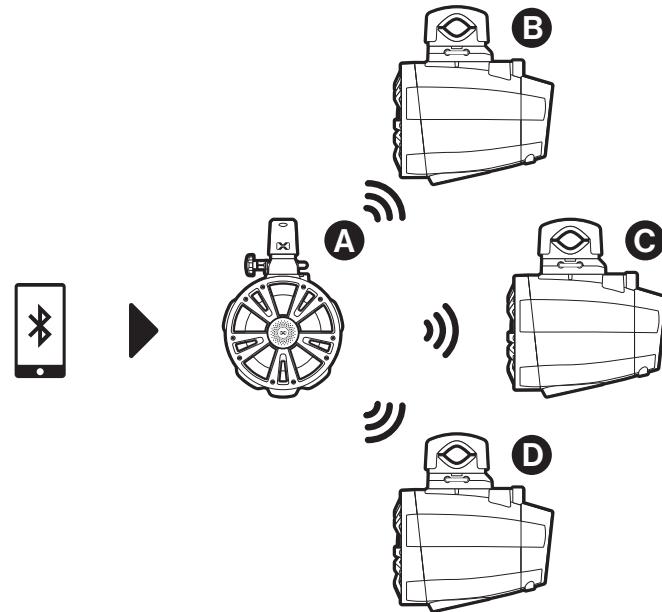
## Set Up Zones

You can set up the LED Light Mode for Zone 1 (Party Lights) with the following steps:

1. On the **Device** List screen, select your Amplified Tower Speaker (**LEDs-ETA8**) and the app will bring you to the **Zone** screen.
2. On the Zone screen, Tap Zone 1 and you will go to the Zone LED Mode Settings screen. There are 3 tabs: Color, Party, and Music, which allow you to select a solid Color, a Party Mode, or a Music Mode.
- When you choose a Mode, the LEDs connected to the Zone you selected will light up accordingly, giving you a preview.



## EcoCast: Additional Receiving Speakers



1. Turn on the additional EcoCast-enabled speakers (**Speaker C** and **Speaker D**) and press the Mode Button to cycle through to and initiate EcoCast Receiving Mode. The Mode LED Status Indicator will flash Green, and the speaker will announce, "EcoCast receiving."
2. On **Speaker A** (the speaker with the Mode LED Status Indicator shining solid Red), **PRESS AND HOLD** the Mode Button for 3 seconds. The Mode LED Status Indicator will flash Red.
3. Once the connection between the speakers is successful, **Speaker C** (and **Speaker D**) will announce, "Connection successful," and start playing audio.

### Notes:

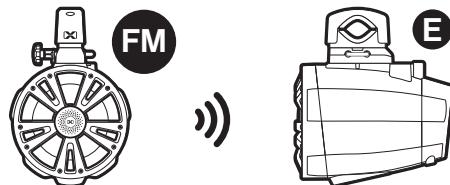
- If all the speakers are turned off, then turned on, the speaker(s) in EcoCast Receiving Mode (**Speakers B, C, and D**) will automatically

## Audio Functions

re-connect to the speaker in EcoCast Transmitting Mode (**Speaker A**). If they do not automatically re-connected, please follow the above steps to reconnect.

- The EcoCast functionality has a maximum range of 30 feet between speakers.
- While connecting the ExtremeTower Speakers, make sure that the speakers are within a few feet of each other.

### EcoCast: Streaming Your FM Radio Station to Multiple Speakers



The Amplified ExtremeTower Speaker (**Speaker FM**) also has the capability to stream FM radio stations to other EcoCast-enabled speakers in Receiving Mode.

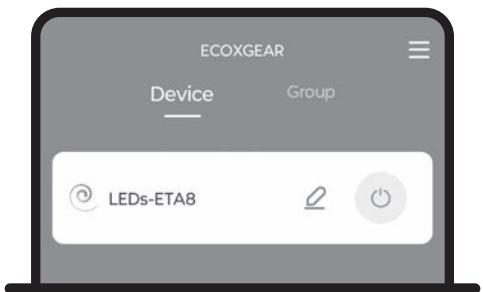
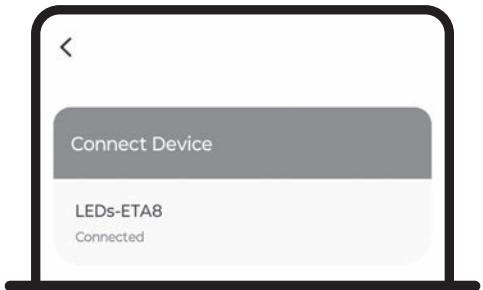
When playing an FM radio station, the Amplified Tower Speaker automatically enables EcoCast Transmitting. To receive FM streaming via EcoCast, follow the steps below:

1. Turn on another EcoCast-enabled speaker (**Speaker E**), press the Mode Button to cycle though to EcoCast Receiving Mode. The Mode LED Status Indicator will flash Green, and **Speaker E** will announce, “EcoCast receiving.”.
2. On **Speaker FM**, **PRESS AND HOLD** the Mode Button for 3 seconds. The Status LED Indicator will flash Red and White.
3. Once the connection between the speakers is successful, **Speaker E** will announce, “Connection successful,” and start playing audio.

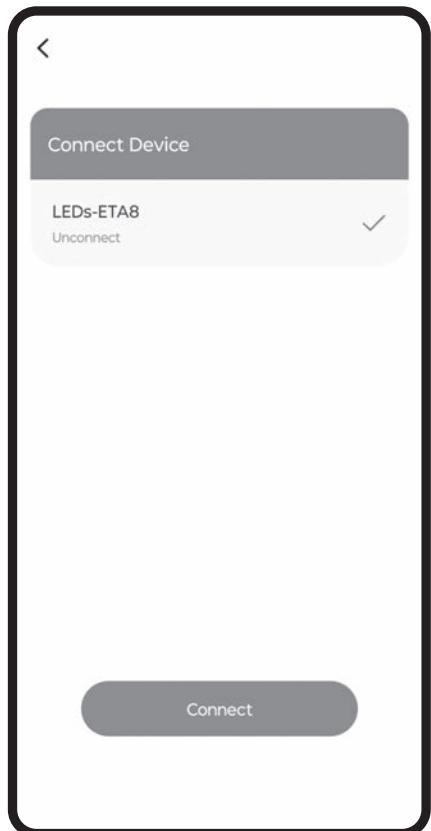
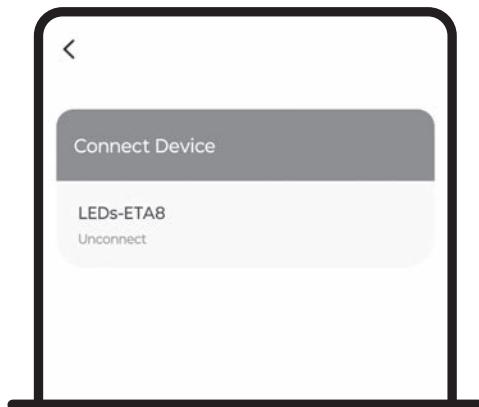
## SoundExtreme App

4. A dialog window will popup asking you to enter a password. The Amplified Speaker default password is 0000. After entering the password, click the **Confirm** button. The app will show the device is connected. Tap the Back button < on the top-left. It will take you to the **Device** List screen.

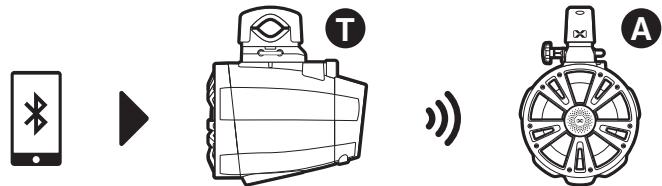
5. Select your speaker, it will take you to the **Scene** screen. There are 5 factory pre-defined scenes on the Amplified Tower Speaker. Tap the On / Off button  at the right for Scene 1, the Party Lights will light up Red, White, and Blue, which is the LED Lighting Mode defined for Scene 1 – Patriot 1.



3. If your Amplified Tower Speaker is powered on, it will show up as **LEDs-ETA8** on the app's **Connect Device** screen. Tap the device name on the screen. A checkmark will appear on the right. Tap the **Connect** button.



### Play Audio Streams From Another EcoCast-Enabled Speaker



If there is an EcoCast-enabled speaker in EcoCast Transmitting Mode nearby, you can set your Amplified Tower Speaker (**Speaker A**) to EcoCast Receiving Mode and play audio streams from the EcoCast Transmitting speaker (**Speaker T**):

1. Turn on your Amplified Tower Speaker, press the Mode Button to cycle through to EcoCast Receiving Mode. The Mode LED Status Indicator will flash Green, and the speaker will announce, "EcoCast receiving."
2. On **Speaker T**, **PRESS AND HOLD** the Mode Button for 3 seconds. The LED Status Indicator will flash Red.

**Note:** If **Speaker T** is not an Amplified Extreme Tower Speaker, it may require a different button operation to enter EcoCast Transmitting (Pairing Ready) Mode. Please refer to **Speaker T's** User Guide.

3. Once the connection between the speakers is successful, **Speaker A** will announce, "Connection successful," and start playing audio.

**Note:** A speaker in EcoCast Receiving Mode will play at the same volume level (Volume Sync) as received in the audio streams from the EcoCast Transmitting speaker. You can press + or - on the EcoCast Receiving speaker to adjust the volume for the EcoCast Receiving speaker only. However, as soon as the EcoCast Transmitting speaker has a playback change (e.g., track change or a volume change), the EcoCast Receiving speaker will once again Volume Sync with the Transmitting speaker.

## LED Lighting Zones, Modes, and Scenes

The Amplified ExtremeTower Speaker can also be controlled by the included SoundExtreme Universal Remote Control and the SoundExtreme Smartphone App. Below are some terms and definitions to help you better understand the Remote Control and the SoundExtreme App.

### Zone

A Zone corresponds to all the LED lights that are connected directly to one physical connection on an LED Lighting Controller output, either integrated in the Amplified Tower Speaker or in an ExtremeController (sold separately). When you change a Zone status (on / off, Mode, etc.), the LEDs connected to that Zone will change accordingly. You can control one Zone or multiple Zones at a time.

The integrated LED Lighting Controller on the Amplified ExtremeTower Speaker supports 2 Zones:

- Zone 1 – The RGB LED Party Lights behind the speaker.
- Zone 2 – The Dome Light on the bottom of the speaker (the Dome Light is a utility light and only shines White).

### Mode

There are 3 LED Mode categories, totaling in 44 Modes supported by the RF Remote. The SoundExtreme app can support many more Color Modes.

1. Color Mode: Each Color Mode lights up the LEDs in a solid color. There are 8 Color Buttons on the Remote Control: Red, Green, Blue, White, Orange, Yellow, Cyan, and Purple. You can create a custom color by utilizing the SoundExtreme Smartphone App.
2. Party Mode: There are 20 preset Party Modes accessible via the Remote Control and SoundExtreme Smartphone App. The app

**Create and save Scenes:** A Scene is a preprogrammed light show that you can save for later quick access. We have created 5 default Scenes that are fully customizable and programmable.

**Set Up a Group:** Create and set up a group of devices (multiple Amplified Tower Speakers, or other SoundExtreme products with LEDCast built-in). This will allow all the LED lights connected to different devices to be controlled by the SoundExtreme Smartphone App at the same time.

**Bluetooth Low Energy:** The SoundExtreme Smartphone App relies on a BLE (Bluetooth Low Energy) connection between your phone and the Amplified Tower Speaker. Make Sure you turn on Bluetooth on your smartphone.

### Initial App Connection

1. Launch the SoundExtreme App on your smartphone or other BLE-enabled device.
2. On the SoundExtreme App homepage, tap **Device Connection List**.



## SoundExtreme App

The Amplified Extreme Tower Speaker can be operated via the SoundExtreme Smartphone App.

### Download and Install

For iPhones, download the app from the following URL:

<https://apps.apple.com/us/app/soundextreme/id1670708941>

For Android phones, download the app from the following URL:

<https://play.google.com/store/apps/details?id=com.cchip.ecoxgear>

Alternatively, use the following QR Codes to download the SoundExtreme Smartphone App.



iOS



Android

### App Overview

**Password Secured:** The app is password protected so others cannot gain access and control your ExtremeController. The default password is 0000.

**Name Your Devices:** You can change and customize the name of your devices and Zones, such as Rear speakers, Soundbar, etc.

**Set Up Modes:** Use the app to set up the LED Mode for speaker LEDs and change the Dome light brightness on your Amplified Speaker. You can also change the Brightness and Speed.

## Lighting Control Concepts

allows you to customize each of the 20 Party Modes, allowing for nearly unlimited color, cascading, and LED chasing options.

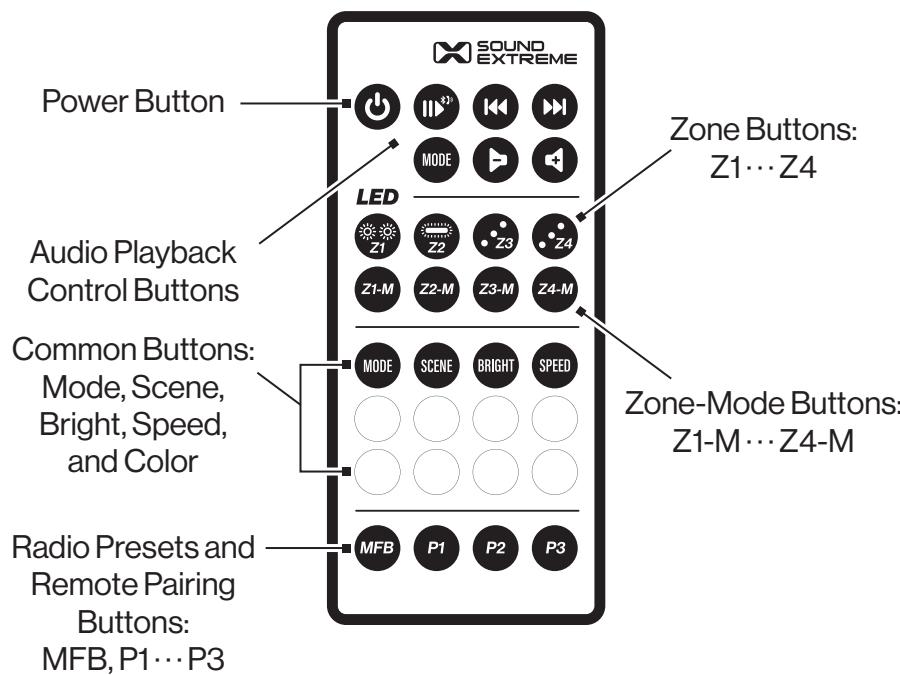
3. Music Mode: There are 16 Music Modes accessible via the Remote Control and SoundExtreme Smartphone App.

### Scene

A Scene is programmed via the SoundExtreme Smartphone App. You can customize each Zone into a Scene (a preset). Setting the Scenes on the app allows a 1-button press to bring up your desired custom settings for all of the LED products connected to the LED Lighting Controller.

The Amplified Speaker has 5 Scene settings. They are user customizable and programmable. The default Scene settings are:

- Scene 1: Patriot 1
- Scene 2: Flowing colors
- Scene 3: Zoom
- Scene 4: Fading colors
- Scene 5: Christmas



Each Amplified ExtremeTower Speaker comes with a SoundExtreme Universal Remote Control.

### Basic Functions

1. Power, **MODE**, and all the Audio Playback Control Buttons on the Remote Control have the same functions as their corresponding buttons on the Amplified Tower Speaker.

**Note:** If the Amplified Tower Speaker is powered by a removable and rechargeable Battery Pack, and the speaker is turned off, pressing the Power Button will **NOT** turn on the speaker (infrared remote control is turned off to save battery power when a battery-powered speaker is turned off). You have to press the Power Button on the speaker to turn it on.

### NOTES

- There are 8 Color Buttons on the Remote Control: Red, Green, Blue, White, Orange, Yellow, Cyan, and Purple. You can also use the SoundExtreme Smartphone App create a custom color.
- Refer to Select a **Speaker to Control** for more details.

- Refer to Select a **Speaker to Control** for more functions.

- Refer to Select a **Speaker to Control** for more functions.

- Refer to Select a **Speaker to Control** for more functions.

BUTTON	ACTION	FUNCTION
 SCENE	<b>Short-Press</b>	To cycle through the 5 defined Scenes for Zone 1.
 BRIGHT	<b>Short-Press</b>	To cycle through 5 levels of Brightness for Zone 1.
 SPEED	<b>Short-Press</b>	To cycle through 5 levels of Speed for Zone 1.
 COLORS	<b>Short-Press</b>	To select the corresponding Color for Zone 1.
 MFB	<b>Press and Hold</b> (for 3 seconds)	To select a speaker to control.
 P1	<b>Press and Hold</b> (for 3 seconds)	When in FM Mode: To save the current station to the P1 Button.
	<b>Short-Press</b>	When in FM Mode: To tune to the station saved to the P1 Button
 P2	<b>Press and Hold</b> (for 3 seconds)	When in FM Mode: To save the current station to the P2 Button.
	<b>Short-Press</b>	When in FM Mode: To tune to the station saved to the P2 Button
 P3	<b>Press and Hold</b> (for 3 seconds)	When in FM Mode: To save the current station to the P3 Button.
	<b>Short-Press</b>	When in FM Mode: To tune to the station saved to the P3 Button

2. LED Lighting Control Buttons: The Amplified Tower Speaker only has two LED Lighting Zones.

- Zone 1 is set for the speaker RGB LED Party Lights on the Amplified Speaker and the Passive Speaker. Zone 1 LEDs have all the LED Lighting Modes and features mentioned in Section **LED Lighting Zones, Modes, and Scenes**.
- Zone 2 is set for the Dome Light on the Amplified Speaker. The Zone 2 LED is a (White) utility light with 3 brightness level controls (low, mid and high). Zone 2 does not have any of the LED lighting Modes and features mentioned in **LED Lighting Zones, Modes, and Scenes**.
- The Z1-M Button and LED Mode Button have the same function, as the speaker LEDs are the only Zone with lighting Mode changes.
- The Z2-M Button controls the Dome Light's 3 brightness levels.
- Z3, Z4, Z3-M, and Z4-M Buttons do not have functions for this product.

3. MFB, P1, P2, and P3 Buttons:

- When the Amplified Speaker is in FM mode, P1, P2, and P3 Buttons have the same functions as the corresponding Preset Buttons on the speaker.
- In combination with the MFB Button, the P1, P2 or P3 Buttons will let you to pair one Remote Control with up to 3 speakers or to select an individual speaker to control.

### Remote Control Pairing and Speaker Selection

The SoundExtreme Universal Remote Control can pair with and save up to 3 speakers in its memory as P1, P2, and P3 speakers. The included Remote Control comes paired with the Amplified Tower Speaker as the P1 speaker. You can use it out of the box to control the speaker after it is powered on.

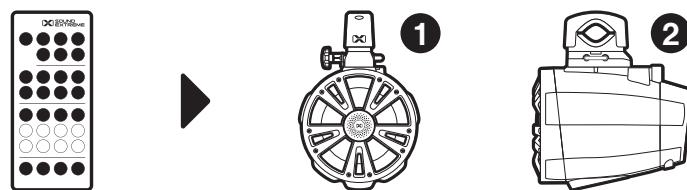
## RF Remote Control

If the speaker does not react when you press a button on the Remote Control, check if the battery isolator (clear plastic strip) on the Remote battery compartment is removed (pulled out) completely. Then, follow the steps below.

### Remote Control Pairing

1. When the speaker is on, **PRESS AND HOLD** the < and > Buttons on the speaker at the same time for 3 seconds. The **L** and **R** LED Status Indicators and the speaker's Party Lights will flash Green, indicating the speaker is ready to pair with a remote.
2. **PRESS AND HOLD** the MFB Button for 3 seconds, then press P1 (P2, or P3) to save the pairing speaker as the P1 (P2, or P3) speaker.

### Select a Speaker to Control



Assuming your Remote Control has paired with Speaker 1 and 2 as P1 and P2 speakers, Speaker 1 is currently controlled by the Remote Control. If you want to use the Remote Control to control Speaker 2, follow the steps below.

1. **PRESS AND HOLD** the MFB Button for 3 seconds, Speaker P1's Party Lights will flash Blue, indicating your remote is in the process of speaker selection.
2. While Speaker P1 is flashing Blue, press P2. The Party Lights on Speaker 2 will flash Blue 3 times and produce a prompt double-beep tone, indicating Speaker P2 is selected.
3. Press a button on the Remote Control. Speaker P2 will produce the corresponding action, while Speaker P1 will have no response.

## Remote Functions Overview

### NOTES

- When turned on, LEDs in Zone 1 will light up Green in ascending order. When turned off, the LEDs light up Red in descending order.

### THIS PRODUCT

- There are 44 distinct LED Modes: 8 Color Modes, 20 Party Modes, and 16 Music Modes. You can also use the SoundExtreme Smartphone App to find a specific LED Mode.

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BUTTON	ACTION	
 Z1	<b>Short-Press</b>	To turn on / off Zone 1 (Party Lights).
 Z2	<b>Short-Press</b>	To turn on / off Zone 2 (Dome Light).
 Z3 Z4		<b>NOT APPLICABLE FOR</b>
 Z1-M	<b>Short-Press</b>	To cycle through the three LED Mode categories for Zone 1.
	<b>Double-Click</b>	To cycle back to the previous LED Mode for Zone 1.
 Z2-M	<b>Short-Press</b>	To cycle through the three Brightness levels for Zone 2.
	<b>Double-Click</b>	To cycle back to the previous Brightness level for Zone 2.
 Z3-M Z4-M		<b>NOT APPLICABLE FOR</b>
 MODE	<b>Short-Press</b>	To cycle through the three LED Mode categories for Zone 1.
	<b>Double-Click</b>	To cycle back to the previous LED Mode for Zone 1.

### Speaker Party Lights and Dome Light Control

When the Amplified ExtremeTower Speaker is on, you can use the Remote Control to change the Party Lights and Dome Light.

#### Zone 1: Party Lights – Lighting Mode Control

1. Press the Z1 Button. The Party Lights will briefly light up Green in ascending order and then enter Scene 1 – Patriot 1 (Red, White, and Blue) or light up a random color pattern.
2. Now you can change the LED Lighting Mode with one of the following button presses:
  - Short-press one of the 8 Color Buttons to light the LEDs in the corresponding color.
  - Short-press the Mode or Z1-M Button to cycle through LED Modes. If you want to go back to the previous Mode, you can double-click either the Mode Button or the Z1-M Button.
3. Press the Z1 Button to turn off the Party Lights.

#### Zone 2: Dome Light Control

1. Press the Z2 Button. The Dome Light will turn on.
2. Press the Z2-M Button to cycle through 3 brightness levels (High, Mid, and Low).
3. Press the Z2 Button to turn off the Dome Light.

BUTTON	ACTION	FUNCTION	NOTES
	<b>Short-Press</b>	To turn on / off the Amplified speaker.	<ul style="list-style-type: none"> <li>If the Amplifier Tower Speaker is controlled by the vehicle ignition, when the ignition is on, the Remote can turn the Amplified Tower Speaker off or on. When the ignition is off, the Power Button does not turn the speaker on or off.</li> <li>If the Amplified Tower Speaker is powered by a removable and rechargeable Battery Pack, and the speaker is turned off, pressing the Power Button will <b>NOT</b> turn on the speaker (infrared remote control is turned off to save battery power when a battery-powered speaker is turned off). You have to press the Power Button on the speaker to turn it on.</li> </ul>
	<b>Short-Press</b>	To play / pause audio.	
	<b>Short-Press</b>	<ul style="list-style-type: none"> <li>In Bluetooth Mode: To skip to the previous or the next track.</li> <li>In FM Mode: To tune in a station.</li> </ul>	
	<b>Press and Hold</b> (for 3 seconds)	In FM Mode: To seek a strong station.	
	<b>Short-Press</b>	To Change Modes.	<ul style="list-style-type: none"> <li>The Mode LED Status Indicator will change color to indicate the current Mode: Blue – Speaker Mode; Red – EcoCast Transmitting; Green – EcoCast Receiving; White – FM</li> </ul>
	<b>Press and Hold</b> (for 3 seconds)	To enable EcoCast pairing.	
	<b>Short-Press</b>	To increase or decrease the speaker's volume.	
	<b>Press and Hold Both</b> (for 3 seconds)	To change the Left and Right Audio Channel settings for the speaker.	<ul style="list-style-type: none"> <li>Each <b>Press and Hold</b> will cycle through Left, Right, and Mono.</li> </ul>