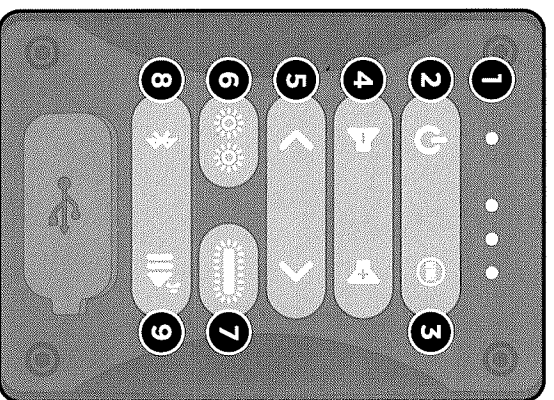# Controls

1. **LED Indicators:** Each of the 4 LEDs correspond to different functions: Power, Bluetooth, Mode, and Status.

2. **Power Button:** Press button to turn the SoundExtreme on / off.

3. **Mode Button:** Press button to cycle through the following modes: Bluetooth, EcoCast Transmitting, EcoCast Receiving, FM, and AUX-IN.

4. **Volume Control Buttons:** Press to adjust the speaker's volume. Press and hold to adjust the volume continually.

5. **Track Buttons:** Press buttons to go to the previous / next track on a paired Bluetooth device.

6. **Backlight Speakers Button:** Press to cycle through the following 6 Party Light Modes: Green Light, Red Light, White Light, Blue Light, Music Sync, and Fading.

7. **Light Bar Button:** Press to cycle through the following 5 Light Modes: Red Light, Yellow Light, White Light (High), White Light (Mid), and White Light (Low). Press and hold to enable / disable Accessory Mode (which turns on / off the Auxiliary Power Out connection).

8. **Bluetooth Button:** When in Bluetooth Mode, if the Bluetooth LED Indicator is not flashing Blue, press this button to enter Bluetooth Pairing mode. If your device is paired (solid Blue LED), press button to disconnect. Press and hold this button for 5 seconds to clear all pairing records. In FM Mode, this button is used for FM Station Preset 1.

9. **Play / Pause / Answer / EcoTalk Button:** Press to play / pause a track or answer / end a mobile call from a paired Bluetooth device. Press and hold to activate your Voice Assistant (Siri and OK Google). In FM Mode, this button is used for FM Station Preset 2.

CONTROL PANEL

Operations

LED Indicators

From left to right, the 4 LED Indicators correspond to Power, Bluetooth, Mode, and Status.

1. **Power**
   Solid Green: Power On
   No Light: Power Off

2. **Bluetooth**
   Flashing Blue: Bluetooth Paring
   Solid Blue: Bluetooth Connected

3. **Mode**
   Solid Blue: Speaker Mode
   Solid / Flashing Red: EcoCast Transmitting Mode
   Solid / Flashing Green: EcoCast Receiving Mode

4. **Status**
   Solid Blue: FM
   Solid Green: AUX-IN
   Solid Red: Accessory Mode Enabled

Power On / Off

Power On: Press ⏻ briefly to power on the SoundExtreme. "Speaker on, ready to connect" voice prompt will be heard.

Power Off: Press ⏻ briefly to power off the SoundExtreme.

Mode Button

Press (MODE) briefly to cycle through the following modes: Bluetooth, EcoCast Transmitting, EcoCast Receiving, FM, and AUX-IN.

Pairing a Bluetooth Device

1. Turn on your Bluetooth device.

2. Power on SoundExtreme. "Speaker on, ready to connect" voice prompt will be heard. If the Bluetooth LED Indicator (the second LED Indicator from the left) is not flashing, briefly press ✳ to start pairing your device.

3. Navigate to your Bluetooth device's setup screen, find ECOXGEAR and connect. If the connection is successful, the Bluetooth icon will be lit solid and your SoundExtreme will announce "Your phone is connected."

Notes:

· If the pairing is not complete within 5 minutes, the speaker will exit the pairing mode. You need to repeat the pairing steps again.

· After the connection is successful, if you turn the speaker off and turn it on again, it will reconnect to the last connected device automatically. Also, a voice prompt, "Speaker on, ready to connect" followed by, "Your phone is connected" will be heard.

· **PRESS AND HOLD** ✳ for 5 seconds to clear all pairing records.

Adjust Volume

1. Press ▼ or ➕ briefly to adjust the speaker volume.

2. **PRESS AND HOLD** ▼ or ➕ to adjust the volume continuously.

   a. Press ➕ briefly to increase one volume level. **PRESS AND HOLD** ➕ to keep increasing the volume until maximum volume level is reached.

   b. Press ▼ briefly to decrease one volume level. **PRESS AND HOLD** ▼ to keep decreasing the volume until minimum volume level is reached.

Play Music (Bluetooth Mode)

After the SoundExtreme is connected to your Bluetooth device, press ‖▶³⁾ briefly on the SoundExtreme to play, press ‖▶³⁾ again to pause.

Press ❮ briefly to play previous song. Press ❯ briefly to get the next song.

Notes:

· Pair and connect your Bluetooth device with SoundExtreme before using this feature.

· If a call is received when you are listening to music, press ‖▶³⁾ briefly on the SoundExtreme to answer the call. Press ‖▶³⁾ again to end the call.

· You can also control Volume and Play / Pause music operations from your Bluetooth enabled device. When the Audio Source is via the AUX-In connection, you must use your device to control Play / Pause music operations.

EcoTalk

PRESS AND HOLD ‖▶³⁾ for 3 seconds to activate the voice assistant on your device (Siri, OK Google, etc.). Once activated, the speakerphone mic on your SoundExtreme will hear your voice commands and transfer them to the voice assistant on your device.

Notes:

· Before using the EcoTalk function, your device must be connected to the SoundExtreme via Bluetooth.

· Not all devices have voice assistant functionality; refer to your device for details.

# EcoCast – Broadcast Your Music to Multiple Speakers

When you have two or more SoundExtreme speakers, you can build a broadcast system by initiating EcoCast Transmitting Mode in one SoundExtreme speaker and broadcasting your music to one or more SoundExtreme speakers in EcoCast Receiving Mode.

EcoCast: First Two Speakers

1. Follow the **Pairing a Bluetooth Device** instructions to connect one SoundExtreme (**Speaker A**) to your Bluetooth device. After your device is connected to **Speaker A**, you can select a song to play.

2. Press (MODE) on **Speaker A** to initiate EcoCast Transmitting Mode. The Mode LED Indicator (the third LED Indicator from the left) will flash Red, and the speaker will announce, "EcoCast transmitting."

3. Power on **Speaker B** speaker and press (MODE) to cycle through to and initiate EcoCast Receiving Mode. The Mode LED 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 music from your Bluetooth device.

EcoCast: Additional Receiving Speakers
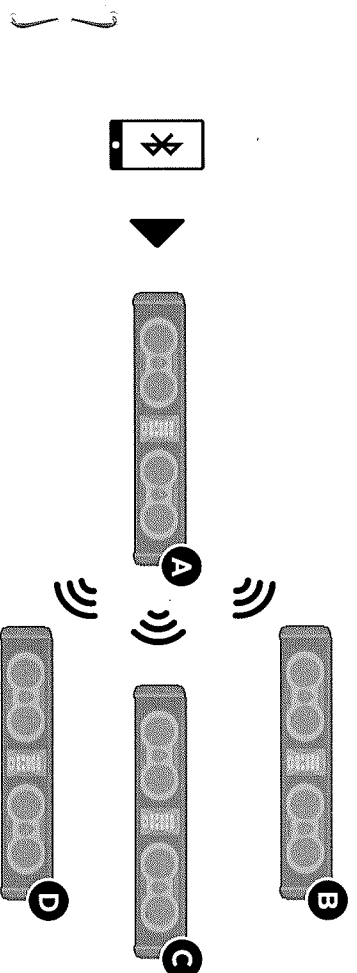
1. Power on the additional SoundExtreme speaker(s) (**Speaker C** and **Speaker D**). Press (MODE) to cycle through to and initiate EcoCast Receiving Mode. The Mode LED Indicator will flash Green, and the speaker(s) will announce, "EcoCast receiving."

2. On **Speaker A** (the speaker with the Mode LED Indicator shining solid Red), **PRESS AND HOLD** (MODE) for 6 seconds. The Mode LED 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 music from your Bluetooth device.

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

- You can also pair the SoundExtreme with any other ECOXGEAR speaker bearing the EcoCast symbol ☼

- The EcoCast functionality is only available while using Bluetooth as your Audio Source at a maximum range of 30 feet between speakers.

- While connecting the SoundExtreme speakers, make sure that the speakers are within a few feet of each other.

Listening to FM Radio (FM Mode)

Press 🔘 briefly to cycle through to FM Mode. Press ❮ or ❯ briefly to tune in a radio station. To "seek" (jump to the next available station), **PRESS AND HOLD** either button down for a few seconds until it starts to seek a station.

When you tune and listen to a station, you can **PRESS AND HOLD ✱** to assign the current station to Preset 1, or **PRESS AND HOLD ⏸▼** to assign the current station to Preset 2.
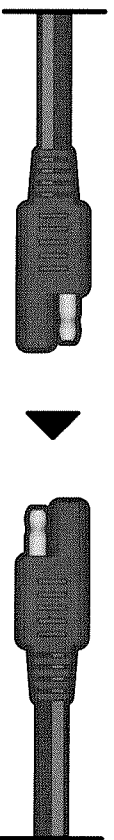
If you want to listen to a stored preset, briefly press either button to go to the stored radio station.

Party Lights

Press ☼ ☼ briefly to cycle through 6 Party Light Modes: Green Light, Red Light, White Light, Blue Light, Music Sync, and Fading.

Press ☼ ☼ briefly to cycle through 5 Light Modes: Red Light, Yellow Light, White Light (High), White Light (Mid), White Light (Low).

Accessory Mode

First, connect your accessory to the Auxiliary Power Out SAE Connector (12V only).

PRESS AND HOLD ☼ ☼ for 3 seconds to enable Auxiliary Power Out. The speaker will announce, "Accessory mode enabled."

PRESS AND HOLD ☼ ☼ again to disable Auxiliary Power Out. The speaker will announce, "Accessory mode disabled."

Use Caution: Do **NOT** connect to your accessory if the Auxiliary Power Out SAE Connector is wet. Contact may cause electric shock and injury if wet.

Remote Control

Pairing Your Remote Control

Before you use your Remote Control for the first time, pull and remove the plastic tab at the bottom of the Remote Control. Your Remote Control should be paired to your unit. **IF NOT** paired, please follow the steps below.

1. Connect the SoundExtreme to a 12V power supply. (Refer to **Connecting to 12VDC Power Supply** for details.)

2. Within 15 seconds, **PRESS AND HOLD** 🅰🅲🅲 for 3 seconds. Your Remote Control will be paired with your SoundExtreme.

3. Verify that your remote control works by pressing the ☼ ☼ to see if the speakers light up.

If the speakers do not light up, unplug the 12V power supply, then repeat the above steps.

Once the remote is paired with the SoundExtreme, it will remain stored in the SoundExtreme's memory and should not need to be paired again.

REMOTE CONTROL

Audio

Power On: PRESS AND HOLD ⏻ for 3 seconds to power on the SoundExtreme. "Speaker on, ready to connect" voice prompt will be heard.

Power Off: PRESS AND HOLD ⏻ for 3 seconds to power off the SoundExtreme.

Press ⏻ briefly to cycle through the following modes: Bluetooth, EcoCast Transmitting, EcoCast Receiving, FM, and AUX-IN.
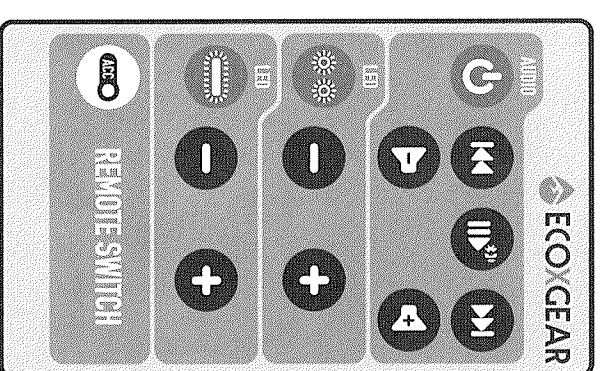
After the SoundExtreme is connected to your Bluetooth device, press ▶❚❚✲⟩ briefly to play, press ❚❚▶✲⟩ again to pause.

Press ◀◀ briefly to play previous song. Press ▶▶❚ briefly to get the next song.

Press ↑ or ✚ briefly to adjust the speaker volume.

LED: Backlit Speakers

Press ☀ or ☀ briefly to turn on your speaker backlights.
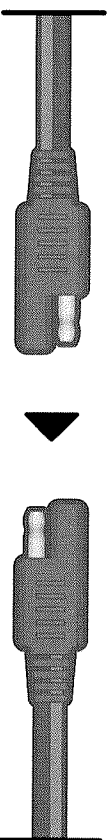
Press ━ or ✚ briefly to cycle through the 6 Party Light modes.

LED: Light Bar

Press ▮ briefly to turn on your Light Bar.

Press ━ or ✚ briefly to cycle through the 5 Light modes.

Remote Switch

First, connect your accessory to the Auxiliary Power Out SAE Connector (12V only).

Press **ACC** briefly to enable Auxiliary Power Out. The speaker will announce, "Accessory mode enabled."

Press **ACC** again to disable Auxiliary Power Out. The speaker will announce, "Accessory mode disabled."

Use Caution: Do **NOT** connect to your accessory if the Auxiliary Power Out SAE Connector is wet. Contact may cause electric shock and injury if wet.

Mounting Your Speaker

1. To mount the speaker, first place the 2 Mounts on the ends of the SoundExtreme at your desired orientation and attach them using three or four (depending on the orientation of your mount) Button Head Bolts, each. Tighten securely.
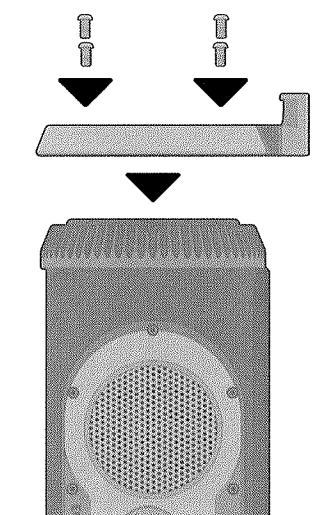
2. Ensure that the speaker fits in the desired location and mark where the mounts will be attached to your vehicle.
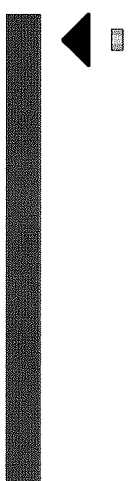
3. Drill holes at the desired mounting points on your vehicle, large enough for the provided ¼-20 Bolts to fit.
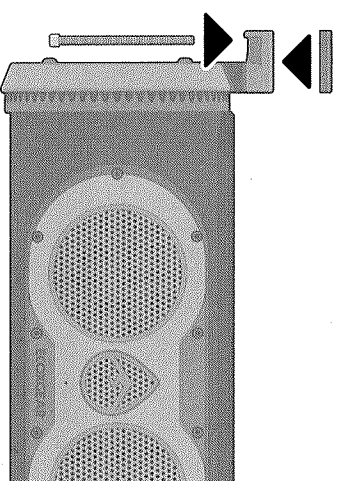
4. Place the Rubber Feet on both Mounts.

5. Attach the Mounts to your vehicle with the provided ¼-20 Bolts and Nuts. Tighten securely.

Tip: Alternatively to drilling holes into your vehicle, you can also use the provided Worm Clamps to secure the speaker to your vehicle.

Troubleshooting

The sound is distorted

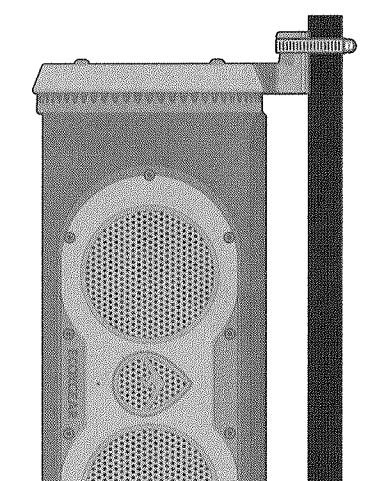Try lowering the volume control of your connected device or musical instrument. Also, try to reduce the overall volume of the SoundExtreme.

Cannot Pair With Bluetooth Device

Make sure that your device is compatible with Bluetooth. Turn off your SoundExtreme and Bluetooth device, then power on and reconnect. Make sure that Bluetooth mode is selected on your SoundExtreme.

If there is poor FM reception

To adjust FM reception, move entire product.

Can NOT play music from a flash drive

The USB ports are only for charging USB devices.

Volume level is too low

Increase the volume on the SoundExtreme and / or increase the volume on your Bluetooth device.

**LED lights for show and off-road use only**

Check with local ordinance before using LED lights. Do **NOT** drive on public roads with LED lights on. LED lights are not DOT compliant.

Please do NOT attempt to fix your SoundExtreme

Please contact our Customer Support at **support@gracedigital.com** or call us at **866.446.0961**.

Specifications

Dimensions

4.5 in / 114.3 mm

4.5 in / 114.3 mm

25.5 in / 647.7 mm
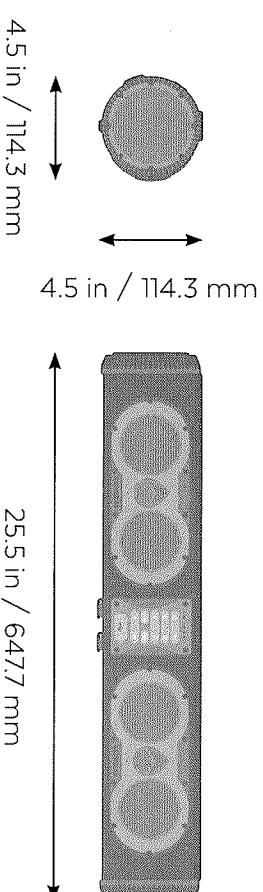
Bluetooth Compliance
Bluetooth V 5.0

Bluetooth Frequency Band
2.402~2.480GHz ISM Spectrum

Modulation
GFSK, π/4-DQPSK, 8DPSK

Bluetooth Range
Up to 100 ft / 30m

Tweeter (2x)
1" (25.4 mm) tweeter

Woofer (2x)
4" (101.6 mm) woofer

Mid-Range Speaker (4x)
2.25" (57.15mm) speaker

Audio Output Power
500W (peak)

Power Supply
Input Voltage: 12VDC, 10A
(requires connection to external DC battery for power)

USB Output
5V, 2.1A

EcoCast
Using Qualcomm® Broadcast Audio technology

EcoCast Range
30 ft / 9.1 m between Casting speaker and Receiving speakers

Compatibility
Mobile phone / device supporting Bluetooth V1.1 (and above)

Radio Frequency Range
US: FM 87.5 - 107.9 mHz

RF Remote Operating Frequency
433 MHz

Blade Fuse
15A, 32V

Storage Temperature
-40°F to 122°F / -40°C to 50°C

Operating Temperature
23°F to 95°F / -5°C to 35°C

Waterproof / Dust Rating
IP66