



8ft Power Cable

Auxiliary Power Out Mating Connector

(2x) 1/4-20 SHCS Bolt -

3.5" long

What's in the Box







User Guide

(2x) Mounts

(2x) Rubber (4x) Worm Clamps

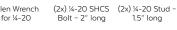


SoundExtreme SoundExtreme























(2x) 1/4-20 SHCS

Bolt - 0.5" long



(2x) 1/4-20

SoundExtreme SE18

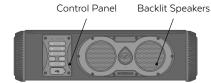
Models: GDI-EXSE1800...20

POWERSPORTS AMPLIFIED SOUNDBAR

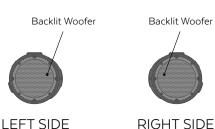


User Guide

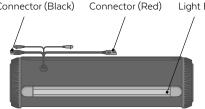
SoundExtreme SE18 Layout



FRONT







BACK

- 4.) Store your unit with all caps properly sealed to avoid long term internal moisture damage inside your unit
- 5.) Return the ECOXGEAR to Grace Digital if you suspect water ingress into the unit or if the unit has experienced a sew impact that may have affected the integrity of the unit to take on water.
- Never power your ECOXGEAR 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 ECONGEAR If you have dropped it or thrown it against 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 Grace Digitato to review for potential darmage.
- Never open the auxiliary doors in a water environm potentially be hazardous and cause a fire or a spar
- 4.) Never connect a device to the auxiliary input jacks when in a water environment. The auxiliary jacks should only be used in a dry environment.

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 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 we to rin 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) Power the unit by attaching the IZV Power in SAE Connector to the 30° Power Cable intended for use with the unit.
 The unit must be connected to a IZVPC power source. If the battery terminal voltage is not IZV, you will need a DC-DC converter with output IZV. Connecting the unit to a non-IZVDC power source will lead to a malfunction or damage to

SoundStreme is 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 of not qualify for warranty protection. Grace Digital 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.ecorgear.com for additional product & warranty information.



SoundExtreme SE18 by ECOXGEAR, a division of Grace Digital Inc., San Diego, California.

Designed in California. Made in China.

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

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

authority to operate the equipment.

MOTE: To maintain compliance with FCCs RF Exposure guidelines, this equipment should be installed and operated with
minimum distance between 20cm the radiator to your body. Use only the supplied antenna. FCC ID: 2AAUI-EXSE18
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
are bet 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: receind or relocate the receiving antenna, increase the separation between the equipment
and receives, 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.

IC STATEMENT:

- 1.) This device may not cause interference, and
- 2.) This device must accept any interference, including interference that may cause undesired operation of the device This equipment should be installed and operated with minimum distance between 20cm the radiator your body
- /récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et ment économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux
- ctrique subi, même si le brouillage est susceptible d'en compromettre le

Let equipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps PRODUCT USE AND PROTECTION:

Need and review an instructions, use own an interior.

The ECOXGEAR Bluetooth speaker is intended to be used indoors or outdoors and in land or water environments. The speaker has been tested to IP66 waterproofing standards, which means the speaker can be exposed to dust and water, but should not be submerged underwater. The speaker is NOT intended for constant 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 IPSE ratings if all rubber seals, gasker(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. 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 reconstruct the property of the control of the c

SAFETY ADVISORY & WARNING:

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

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

Danger of explosion if battery is incorrectly replaced

ATTENTION: Do **NOT** dispose of in a landfill. Contact Grace Digital at www.gracesupport.com or a certified recycling agent to dispose of the unit.

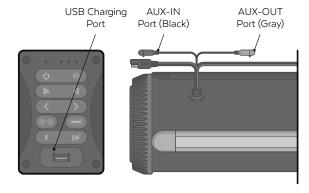
This product has a limited life span of use and should be replaced when it shows obvious signs of wear

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 ECOXGEAR speaker. 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

2) Properly seal the ECDXGEAR 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 until is properly insed off after use.

In/Out Connections



Do NOT use these connections if they are wet.

AUX-IN: This input can be used to connect a CD player, MP3 player, etc.

AUX-OUT: This output can be used to connect to an amplifier or to another speaker AUX-IN connection.

USB Charging Port: Connect your device's charge cable here to charge it. USB charging only functions when the SoundExtreme's power is turned on. USB port rating is 5V, 2.1A.

Important: Maintaining Waterproofness

If the caps on the control panel, the AUX-IN, and AUX-OUT Ports are not properly closed, the unit is NOT watertight.

To close the USB Charging Out Port properly, push firmly to be sure the cap fits flat along the edges with the panel.

To close the AUX-IN and AUX-OUT ports properly, push firmly to be sure the cap snaps securely into place.

Connecting to 12VDC **Power Supply**

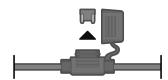
The SoundExtreme does not have an internal battery. It must be connected to an external 12VDC power supply to function. When you install the SoundExtreme to a battery or a voltage regulator on a golf cart, a boat, a quad bike, a UTV, or another vehicle, you need to make sure that your vehicle battery or battery pack terminal voltage is 12VDC. If the battery terminal voltage is not 12V, you will need a DC-DC converter with output 12V. Connecting the SoundExtreme to a non-12VDC power source will lead to a malfunction or damage to the speaker.

WARNING: Even when powered off, the SoundExtreme will draw a small amount of power from your battery. To prevent draining your battery when your SoundExtreme or powersports vehicle are not in use for more than 48hrs, we suggest unplugging the SoundExtreme from the battery or adding the toggle switch. (Toggle switch sold separately.)



Attach the 8ft Power Cable to the 12V Power In SAE Connector (RED).

Use Caution: Do NOT connect to 12V Battery if the Power In SAE Connector is wet. Contact may cause electric shock and injury if wet.



Remove the 15 Amp Blade Fuse from the Fuse Holder

Use Caution: Do NOT remove Fuse if the Fuse Holder is wet. An improperly fitted cap may cause electric shock and injury if wet.

To close properly, push firmly to be sure the cap snaps into place.

Specifications

Dimensions





17 in / 431.8 mm

Unit + Mounts Height

Unit Weight

8 lbs

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 (1x)

1" (25.4 mm) tweeter

Woofer (2x)

4" (101.6 mm) woofer

Mid-Range Speaker (2x)

2.25" (57.15mm) speaker

Audio Output Power

300W (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

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 **800.903.9524**.

⚠ WARNING: REMOTE CONTROL INCLUDES A BUTTON BATTERY



Keep the **BUTTON BATTERY** out of reach of **CHILDREN**.

If swallowed, **SEEK MEDICAL ATTENTION IMMEDIATELY**, as ingestion may lead to serious injury, chemical burns, or death.

Installation: Gas Vehicle

 Loosen the bolts on the battery terminals.

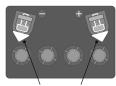
Use Caution: Do **NOT** attempt to loosen bolts if battery is wet. Contact may cause electric shock and injury if wet.

- Connect the BLACK wire to the BLACK, negative terminal, then the RED wire to the RED, positive terminal. Unit will not work correctly and may be damaged if wires are not correctly attached.
- Tighten the bolts on the battery terminals until the connectors are held firmly in place.
- 4. Return the 15 Amp Blade Fuse into the Fuse Holder and close the cap.

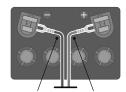
Installation: Electric Vehicle

- 1. Switch your vehicle to TOW mode
- 2. Loosen the bolts on the battery terminals.
- Connect the BLACK wire to the GROUND on the DC-DC Converter, then the RED wire to the POSITIVE (+) post on the DC-DC Converter. Unit will not work correctly and may be damaged if wires are not correctly attached.
- Tighten the bolts on the battery terminals until the connectors are held firmly in place.
- 5. Return the 15 Amp Blade Fuse into the Fuse Holder and close the cap.

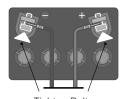
Tip: Use zip ties to gather any excess wires, and secure them so that they are not dangling, loosely.



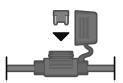
Loosen Bolts



Black Cable Red Cable



Tighten Bolts



16

6

Controls

- 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.
- Volume Control Buttons: Press to adjust the speaker's volume. Press and hold to adjust the volume continually.
- Track Buttons: Press buttons to go to the previous / next track on a paired Bluetooth device.



CONTROL PANEL

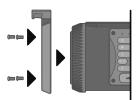
- Backlight Speakers Button: Press to cycle through the following 6
 Party Light Modes: Green Light, Red Light, White Light, Blue Light,
 Music Sync, and Fading.
- 7. Light Bar Button: Press to cycle through the following 5 Light Modes: Red Light, Yellow Light, White Light (High), White Light (Mid), 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.
- 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.

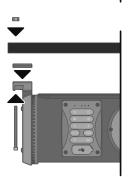
Mounting Your Speaker

- 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.
- Ensure that the speaker fits in the desired location and mark where the mounts will be attached to your vehicle.
- Drill holes at the desired mounting points on your vehicle, large enough for the provided ¼-20 Bolts to fit.
- Place the Rubber Feet on both Mounts.
- 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. In order to prevent scratching /damage to your vehicle, slide the provided rubber sleeves onto the worm clamps before securing the speaker.

Note: For high-speed, high-vibration, and high-impact applications, we recommend using the provided ½-20 Bolt mounting solution, detailed above.







After the SoundExtreme is connected to your Bluetooth device, press $\|b^{3^{1}}$ briefly to play, press $\|b^{3^{1}}$ again to pause.

Press | | | briefly to play previous song. Press | briefly to get the next song.

Press or or briefly to adjust the speaker volume.

LED: Backlit Speakers

Press of 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 \clubsuit briefly to cycle through the 5 Light modes.

Remote Switch



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

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

Press 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.

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 **b** briefly to power on the SoundExtreme. "Speaker on, ready to connect" voice prompt will be heard.

Power Off: Press **b** briefly to power off the SoundExtreme.

Mode Button

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

14

Pairing a Bluetooth Device

- 1. Turn on your Bluetooth device.
- 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 \$\mathbf{x}\$ to start pairing your device.
- 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 or briefly to adjust the speaker volume.
- 2. PRESS AND HOLD or to adjust the volume continuously.
 - a. Press dispriefly to increase one volume level. PRESS AND HOLD disprison to keep increasing the volume until maximum volume level is reached.
 - b. Press birefly to decrease one volume level. PRESS
 AND HOLD bit to keep decreasing the volume until minimum volume level is reached.

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.

- 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 淡流 to see if the speakers light up.



REMOTE CONTROL

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.

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 **b** briefly to cycle through the following modes: Bluetooth, EcoCast Transmitting, EcoCast Receiving, FM, and AUX-IN.

13

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** $\| \| \|^1$ 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 triefly 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).

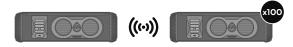
PRESS AND HOLD for 3 seconds to enable Auxiliary Power Out. The speaker will announce, "Accessory mode enabled."

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.

12

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



- 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.
- Press m 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 meto cycle through to and initiate EcoCast Receiving Mode. The Mode LED Indicator will flash Green, and the speaker will announce, "EcoCast receiving."
- Once the connection between the speakers is successful, Speaker B will announce, "Connection Successful," and start playing music from your Bluetooth device.

Play Music (Bluetooth Mode)

After the SoundExtreme is connected to your Bluetooth device, press biefly on the SoundExtreme to play, press pagain to pause.

Press \blacktriangleleft briefly to play previous song. Press \gt 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 on the SoundExtreme to answer the call. Press 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 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.

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EcoCast: Additional Receiving Speakers



- Power on the additional SoundExtreme speaker(s) (Speaker C and Speaker D). Press to cycle through to and initiate EcoCast Receiving Mode. The Mode LED Indicator will flash Green, and the speaker(s) will announce, "EcoCast receiving."
- On Speaker A (the speaker with the Mode LED Indicator shining solid Red), PRESS AND HOLD in for 6 seconds. The Mode LED Indicator will flash Red.
- 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.