



EcoExtreme 2

Models: GDI-EX3W210...220



User Guide

Quick Start

- ➊ Push buttons on Clasps to open your EcoExtreme 2 and access the Inside Panel
- ➋ Turn on the Main Power Switch
- ➌ On the Front Panel, press the Standby Power Button  to power on your EcoExtreme 2
- ➍ Search your Bluetooth Connection on your Smart Device
- ➎ Pair & Play

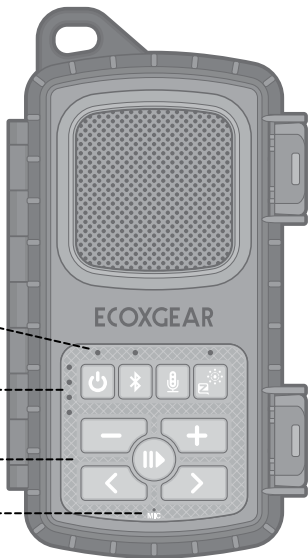
LED Status Indicators

Charging, Bluetooth, &
Mode Status LEDs

Battery Level Indicators

Control Buttons

Speakerphone Mic



Control Buttons & Operations

Standby Power

Press the Standby Power Button once to power on or off.

IMPORTANT: Standby Power function will **NOT** operate when the Master Power is set to OFF. Master Power Switch on the Inside Panel must be set to ON for Standby & your EcoExtreme 2 to operate.

Bluetooth

When turned ON, the EcoExtreme 2 will power on and search for your Bluetooth device. Refer to **Set Up Recommendations 1-2-3** part **3** for details.

EcoTalk

Press button once to activate the voice assistant on your device (Siri, OK Google, etc.). Once activated, the Speakerphone Mic on your EcoExtreme 2 will hear your voice commands and transfer them to the voice assistant on your device.

Note: Not all devices have voice assistant

functionality; refer to your device for details.

EcoCast/Zello

This is a multi-function button for the EcoCast feature or for the Zello Push-to-Talk application.

If you have purchased additional EcoExtreme 2 speakers bearing the EcoCast symbol  (or other ECOXGEAR speakers bearing the EcoCast symbol), use this button to cycle through Speaker Mode, EcoCast Transmitting Mode, and EcoCast Receiving Mode. Refer to **EcoCast - Broadcast Your Music to Multiple Speakers** for details.

Use the Zello app to turn your EcoExtreme 2 into a Walkie-Talkie. Refer to **Zello: Push-to-Talk, Walkie-Talkie Smartphone App** for details.

Speaker Volume

Press **—** to decrease or **+** to increase speaker volume.

NOTE: Some Bluetooth devices may require to be

manually set for maximum audio level.

Your EcoExtreme 2 will beep to indicate when minimum or maximum volume setting is reached.

Track Selection

Press button once to select previous song track ◀ or next song track ▶.

Play/Pause/Answer II▶

Press button once to pause or play song tracks.

When receiving an incoming phone call, press button once to answer. Press button again to hang up. You can also **PRESS AND HOLD** to reject an incoming call.

LED Status Indicators

Connect USB-C Input on the Inside Panel to a power source. LED above the Power Button on the Front Panel indicates USB connection Charging Status.

RED: Charge in process

GREEN: Full charge complete

When you turn on the EcoExtreme 2, the blue LED above the Bluetooth Button on the Front Panel indicates Bluetooth Status.

FLASHING: Ready to pair

SOLID: Bluetooth connection successful

Refer to **Set Up**

Recommendations 1-2-3 for additional details.

The LED Status Indicator above the EcoCast/Zello Button  indicates the following Mode Statuses: Speaker Mode, EcoCast Transmitting Mode, and EcoCast Receiving Mode.

BLUE: Speaker Mode

RED: EcoCast Transmitting

GREEN: EcoCast Receiving

Refer to **EcoCast - Broadcast Your Music to Multiple Speakers** for details.

Battery Level Indicators

There also are four LED Battery Level Indicators located on the front of the unit. Each LED represents 25% of a charge. Four full LEDs indicate a full charge.

Refer to **Set Up**

Recommendations 1-2-3 for additional details.

Speakerphone Mic

The integrated Speakerphone Mic on the Front Panel allows you to answer mobile calls and use the EcoTalk feature.

Waterproof Case

Open Case

To open, press in the Safety Lock Button and pull up gently on both clasps.

Important: Maintaining Waterproofness

If the case is not properly closed, the unit is **NOT** watertight. To ensure the unit is watertight & waterproof, **ALWAYS CLOSE THE CASE PROPERLY** before use.

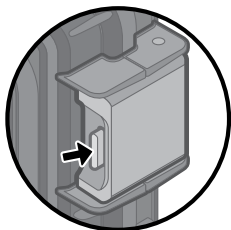
To close both safety latches properly, close the case, and gently push the clasps into their closed position until they snap and lock into place.

Waterproof Test

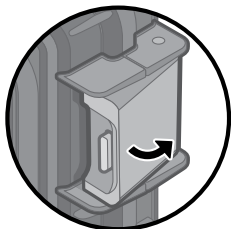
Before you trust a waterproof case with your valuables, we recommend conducting a simple waterproof test.

First, place a piece of paper inside your unit. Make sure to close it securely. Then submerge it under water for 30 minutes. If the paper is dry, then your unit is fully waterproof.

IMPORTANT: ECOXGEAR is **NOT** responsible for damage of personal items of any kind, including, but not limited to, your mobile phone. This includes any damage that may have resulted from apparent water damage, or any other type of damage, during use or storage.

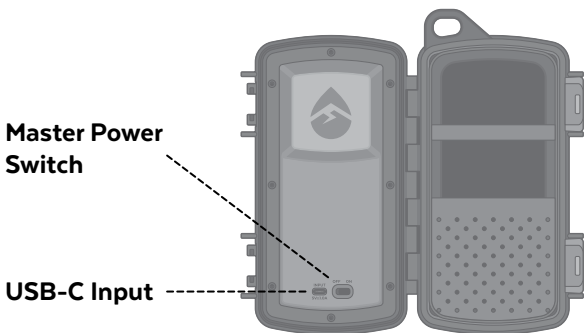


Push Button on Both Clasps



Lift Gently on Both Clasps & Open Case

Inside Panel: Functions



Master Power Switch

EcoExtreme 2 has a separate Master Power Switch and a Standby Button. The switch **MUST** be set to the ON position to power your EcoExtreme 2. Once the switch is set to ON, use the Standby Button located on the Front Panel to turn the unit on or off.

NOTE: When not in use for extended periods, turn the Master Power off to preserve battery life.

IMPORTANT: Standby Power function will **NOT** operate when the Master Power is set to OFF.

USB-C Input

Connect the USB cable to the 5V USB-C Input to charge your EcoExtreme 2.

RECOMMENDATION: Use the USB cable and power adapter included in the box.

NOTE: Charge time from low to full charge is approximately 3 hours.

While playing audio, EcoExtreme 2 can be charged.

CAUTION: Do **NOT** charge if unit and/or connections are wet or damp.

Set Up Recommendations 1-2-3

1 Charge Your EcoExtreme 2 Prior to First Use

For best performance, fully charge your EcoExtreme 2 before you turn it on for the first time. Connect the USB-C port to the USB cable and a 5V power source. Charge the unit until the LED Charging Status Indicator and all four Battery Level Indicators are green, indicating a full charge.

NOTE: The LED Charging Status Indicator will only turn on while the EcoExtreme 2 is connected to a 5V power source. It will shine red while charging and switch to green when the unit has reached a full charge.

Approximately 3 hours of charging is required from a low to a full charge.

Power source options include the USB connection to your computer or a power outlet using a 5V USB to AC power adapter. It is recommended to always use the USB cable included with your EcoExtreme 2.

2 Power On, Battery, & LED Status Indicators

Once fully charged, press the Standby Power Button  on the front of your EcoExtreme 2. You will hear, "Speaker Mode," (or "EcoCast Transmitting," or "EcoCast Receiving,") "ready to connect," when powering on.

IMPORTANT: Make sure that the Main Power Switch, located on the Inside Panel, is set to the ON position. If the switch is in the OFF position, your EcoExtreme 2 will not be able to turn on using the Standby Power Button.

The LED battery level indicators are located on the front of the unit. Each LED represents 25% of a charge, with 4 full LEDs indicating a full charge.

Audio playback time is approximately 15 hours at 75% volume.

3 Bluetooth Pairing & Your Audio

Connecting With Bluetooth:

Connect To Your Smart Device & Play Audio

When your EcoExtreme 2 is turned on, the LED Bluetooth Status Indicator on the Front Panel will flash blue, indicating the unit is ready to pair.

Turn on Bluetooth on your Bluetooth device (Smart Device) and set the device in pairing mode. Available Bluetooth connections shall appear. Select the ECOXGEAR-PTT speaker from the list of discovered devices on your Bluetooth device. Wait for a few seconds until the connection is completed.

NOTE: Bluetooth connection feature is found in the Settings section of most mobile phones and other Bluetooth enabled devices.

When the ECOXGEAR-PTT selection is made and the Bluetooth connection is completed, your EcoExtreme 2 will announce: "Your phone is connected." The Bluetooth Status Indicator will shine blue.

Once connected, select and play your desired audio.

Pairing Mode: If the Bluetooth Status Indicator is not flashing or if you wish to place your EcoExtreme 2 in pairing mode, press and release the Bluetooth Button on the Front Panel. Your EcoExtreme 2 shall announce, "Ready to connect," when ready to pair to a new device.

NOTE: Your EcoExtreme 2 shall sync & wirelessly pair with most Bluetooth enabled devices. The unit remembers the last device paired and will automatically search for previous connections when the speaker is turned on or when a device comes back into Bluetooth range. If a connection is lost due to range, the speaker will look to re-establish that connection. If Bluetooth is turned off on your Smart Device, the EcoExtreme 2 may not automatically look for the device.

RECOMMENDATION: If you are not familiar with Bluetooth pairing for your Smartphone or other Smart Device, refer to the User Guide for your Smartphone to learn how to add and pair a new device (EcoExtreme 2 for instance) to your Smartphone using Bluetooth.

Bluetooth Pairing & Connections: Once paired, should you have an issue switching between Bluetooth connections between devices, open the Bluetooth Section within the device currently connected to the EcoExtreme 2 and delete the Bluetooth connection. The EcoExtreme 2 will then be available to pair & connect to an alternate Bluetooth enabled Smartphone / Audio Device.

EcoCast – Broadcast Your Music to Multiple Speakers



When you have two or more EcoExtreme 2 speakers bearing the EcoCast symbol , you can build a broadcast system by initiating EcoCast Transmitting Mode in one EcoExtreme 2 speaker and broadcasting your music to one or more EcoExtreme 2 speakers in EcoCast Receiving Mode.

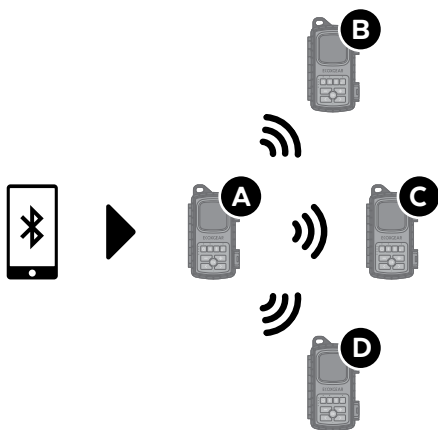
EcoCast: First Two Speakers



- 1** Follow the Pairing a Bluetooth Device instructions to connect one EcoExtreme 2 (Speaker A) to your Bluetooth device. After your device is connected to Speaker A, you can select a song to play.
- 2** Press  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  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



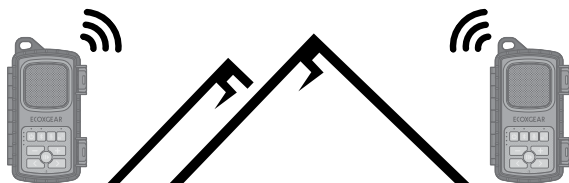
- 1 Power on the additional EcoExtreme 2 speaker(s) (Speaker C and Speaker D). Press  to cycle through to and initiate EcoCast Receiving Mode. The Mode LED Indicator will flash Green, and the speaker(s) will announce, “EcoCast receiving.”

- 2 On Speaker A (the speaker with the Mode LED Indicator shining solid Red), **PRESS AND HOLD** both **—** and **+** for 3 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 EcoExtreme 2 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 EcoExtreme 2 speakers, make sure that the speakers are within a few feet of each other.

Zello: Push-to-Talk, Walkie-Talkie Smartphone App



Add the Zello Walkie-Talkie app onto your smartphone to turn it into a push-to-talk, walkie-talkie that works anywhere in the world with Internet access! You can use it one-on-one with a friend or for a live group-call.

Steps to get “Zello” up and running with your EcoExtreme 2:

- 1** Install and set up the Zello app onto your phone
 - a** Download the Zello app onto your phone from Apple’s App Store or Google Play Store.
 - b** Create your account and profile in Zello.
 - c** Add your friends/contacts who you want to talk with using Zello.
- 2** On your EcoExtreme 2, press **[M]** the to change to Speaker Mode. The Mode LED will shine Blue.
- 3** On your phone settings, connect your phone to your EcoExtreme 2 with Bluetooth.
- 4** On the Zello app, under the Options > Push-to-talk button Menu, add your EcoExtreme 2 as a “Push-to-talk” button. Ensure that your EcoExtreme 2 is “Connected” as a “Push-to-talk” button.

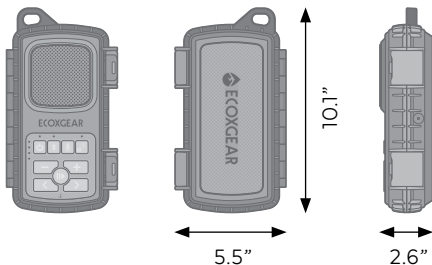
- 5 Keep the Zello app open in the foreground or background of your smartphone.
- 6 **PRESS AND HOLD**  to send a walkie-talkie message to your friends. Make sure to hold the button while talking, and release when you're done.

NOTES:

- Refer to the instructions within the Zello app for updated revisions to its operation.
- The Push-to-talk button related feature settings are under the Options > Audio Menu or Options > Alert tones / vibrate Menu.

Specifications

Unit Dimensions



Unit Weight

22 ounces

Output Power

15W (15 Watt /
4 ohms speaker)

S/N Ratio

88dB +/- 3dB

Power Source

3.7V, 2600mAh
Lithium Ion Battery

USB-C Input

5V, 1A

Frequency Range

125Hz-18,000Hz

Bluetooth

Bluetooth® 5.0
Up to 100 ft / 30 m

Play Time

15+ hours from full charge at
75% volume level

EcoCast

Using Qualcomm® Broadcast
Audio technology

EcoCast Range

30 ft / 9.1 m between
Casting speaker and
Receiving speakers

Charging Options

USB-C to 5V AC adapter
or Computer

Charging Time

Approximately 3 hours

Recommended Storage (Battery) Temperature

59°F / 15°C

Operating Temperature

23°F to 104°F / -5°C to 40°C

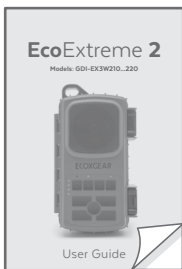
Waterproof/ Dustproof Rating

IP67

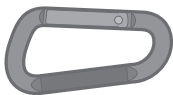
What's in the Box



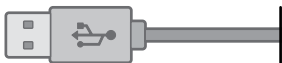
EcoExtreme 2 Unit



User Guide



Carabiner



USB Cable

Optional Accessories

For Charging

AC (5V, 1A) USB Wall Outlet Power Adapter

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: 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.

RF WARNING STATEMENT:

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

IC STATEMENT:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- 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.

PRODUCT USE AND PROTECTION:

Read and follow all instructions. Use only as intended.

The EcoExtreme 2 Bluetooth speaker is intended to be used indoors or outdoors and in land or water environments. The speaker has been tested to IP67 waterproofing standards, which means the speaker can be submerged in up to 3 feet of water for 30 minutes without any damage. However, the speaker is **NOT** intended for constant underwater use.

Always make sure the clasp(s) / latch(es) / covers(s) are clean, free from sand or debris, and correctly fitted. The speaker will only meet IP67 ratings if all rubber seals, gasket(s), and cover(s) / clasp(s) / latch(es) 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 USB cables and unit with an improperly secured latches are **NOT** waterproof.

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

Perform recommended safety and waterproof checks prior to use in a water environment.

ECOXGEAR is **NOT** liable for damage to contents in Case.

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** charge while the unit is wet. Towel dry the unit **AND** make sure all connections are dry **BEFORE** plugging in the charging connector. Failure to do so may result in electrical damage to the unit and may void the warranty.

PROPOSITION 65

 **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

- WARNING: EcoExtreme 2 has a built-in Lithium battery. The battery must **NOT** be used in or near an open heat source or excessive heat.
- WARNING: Danger of explosion if battery is incorrectly replaced.
- ATTENTION: Do **NOT** dispose of in a landfill. Contact ECOXGEAR at www.gracesupport.com or a certified recycling agent to dispose of the unit.
- ATTENTION: AC adapter is a device forming a part of the main plug; therefore, an AC adapter can always be readily disconnected from AC socket-outlet.

SAFETY:

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 EcoExtreme 2 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 around you.

You should always

- 1) Read and follow all instructions in the manual.
- 2) Perform recommended safety and waterproof checks prior to use in a water environment.
- 3) Use the EcoExtreme 2 speaker in accordance with any music or noise rules and regulations.
- 4) Properly seal the EcoExtreme 2 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 salt water environment and the unit properly rinsed off after use.
- 5) Properly clean the EcoExtreme 2 and ensure the gaskets have no sand, dirt, or water on them prior to storage or removing the back cover. Ensure housing seal is clean and not damaged prior to each use.
- 6) Store your unit with all latches properly sealed to avoid long term internal moisture damage inside your unit.
- 7) Completely dry and clean your EcoExtreme 2 prior to attempting to charge the unit.
- 8) Return the EcoExtreme 2 to ECOXGEAR 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** charge your EcoExtreme 2 if you suspect water has entered the device. Charging a device with water inside could be potentially hazardous and cause fire or a spark.
- 2) **NEVER** use your EcoExtreme 2 if you have dropped it or thrown it against a hard surface which may have destroyed the integrity of the speakers, housings, or gaskets. In the event of a severe impact to your unit please return the unit to ECOXGEAR to review for potential damage.

- 3) **NEVER** use if cracks, deformation, or other damage is observed.
- 4) **NEVER** open the safety latches 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.
- 5) **NEVER** submerge the product in water below its depth rating: 3 feet / 1 meter.
- 6) **NEVER** attempt to fix, repair your EcoExtreme 2 unit. Please send it back to ECOXGEAR for any assessments and repairs.

CARE, MAINTENANCE, & PRECAUTIONS:

- 1) The unit is not waterproof unless the unit is closed and both latches are properly in the closed and locked position.
- 2) Close the latches properly before use. If the unit is placed in water without the latches properly closed, water may enter into the unit and void your warranty.
- 3) Dry unit completely before opening the latches. Do **NOT** open the latches 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 for premature wear.
- 8) Periodically clean the rubber with a soft moist cloth and ensure no objects such as dirt, hair, or 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 or swimming pool.
- 10) Power and / or charge the built-in rechargeable battery for portable use by connecting the USB cord to a computer USB connection or to an AC outlet using the AC-to-USB cord 5V, 1A power adapter intended for use with the unit.
- 11) Noise and audio distortion may occur when the batteries are nearing end of charge.
- 12) Do **NOT** remove the built-in battery. Do **NOT** remove the grill covers.
- 13) Contact our Customer Support at **support@gracedigital.com** or call us at **800.903.9524**.

LIMITED MANUFACTURER'S WARRANTY:

The EcoExtreme 2 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 do not qualify for warranty protection. ECOXGEAR 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 applies only to the product purchased from ECOXGEAR. The warranty does not apply to any non-company product. The warranty applies only to normal use of the product. The warranty does not apply to damage caused by accident, abuse, misuse, force majeure, or modification of the product.

Warranty terms may be revised without notification at the discretion of the manufacturer. Please visit **www.ecoxgear.com** for additional product & warranty information.

NOTE: Product registration does not constitute proof of purchase for the warranty process. Please keep all receipt and purchase records as your evidence of the date and place of purchase.



EcoExtreme 2 by ECOXGEAR, a division of Grace Digital Inc., San Diego, California.
Designed and Engineered in the USA.
Made in China.

Patent Pending.

Google is a trademark of Google LLC. Siri and Apple are trademarks of Apple Inc. Bluetooth
is a trademark of Bluetooth SIG, Inc. Zello is a trademark of Zello Inc.