



# EcoEdge Pro

Models: GDI-EXEDGPRO400...420

## User Guide



# Quick Start

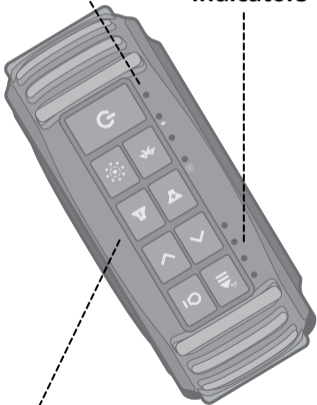


- 1** Open Cap on the side of your EcoEdge Pro
- 2** Turn on the Main Power Switch
- 3** On the Top Panel, Press the Standby Power Button  to power on your EcoEdge Pro
- 4** Search your Bluetooth Connection on your Smart Device
- 5** Pair & Play

## LED Status Indicators

Power, Charging, Bluetooth,  
and Mode Status LEDs

## Battery Level Indicators



## Control Buttons

# Control Buttons & Operations

## On/Off

Press the Standby Power Button once to power On/Off.

**IMPORTANT:** Standby Power Button function will **NOT** operate when the Master Power Switch is set to the **OFF** position. Master Power Switch under the cap on the Side Panel must be set **ON** for Standby & your EcoEdge Pro to operate.



## Bluetooth

Once turned on, the EcoEdge Pro will search for your Bluetooth. Refer to **Set Up Recommendations 1-2-3** part **3** for details.

## EcoCast

If you have purchased additional EcoEdge Pro speakers (or other ECOXGEAR speakers bearing the EcoCast symbol), use this button to cycle through Speaker Mode, EcoCast Transmitting Mode, and Receiving Mode. Refer to **EcoCast – Broadcast Your Music to Multiple Speakers** 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 EcoEdge Pro will beep to indicate when maximum or minimum volume setting is reached.

## Track Selection

Press button once to select Previous Song track < & Next Song track >.

## Play/Pause/ Answer/EcoTalk

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.

**PRESS AND HOLD** the button for two seconds to activate the voice assistant on your device (Siri, Hey Google, etc.). Once activated, the Speakerphone Mic on your EcoEdge Pro will hear your voice commands and transfer them to the voice assistant on your device.

**NOTE:** Before using the Answer or EcoTalk functions, your device must be connected to the EcoEdge Pro via Bluetooth. Not all devices have voice assistant functionality; refer to your device for details.

## **Party Light Modes**

Press button to turn on the LED Party Lights. Press button again to cycle through 20 Party Light Modes. Double-click button to go back to the previous Party Light Mode. **PRESS AND HOLD** to turn off the LED Party Lights.

### **20 Party Light Modes:**

- 1:** Rotating lights with color changing LEDs
- 2:** Color fading and jumping with periodic rotating LEDs

- 3:** Music Sync 1 - 360°  
flashing to beat with  
color changing LEDs
- 4:** Music Sync 2 - Vertical  
flashing to beat with  
color changing LEDs
- 5:** Music Sync 3 - Rotating  
flashing to beat with  
color changing LEDs
- 6:** Music Sync 4 - Horizontal  
flashing to beat with color  
changing LEDs
- 7:** Music Sync 5 - Dancing  
to beat with color  
changing LEDs
- 8:** Music Sync 6 - Rotating  
to beat with color  
changing LEDs
- 9:** Music Sync 7 - Randomly  
rotating to beat with color  
changing LEDs
- 10:** Solid Red



- 11:** Solid Orange
- 12:** Solid Yellow
- 13:** Solid Green
- 14:** Solid Cyan
- 15:** Solid Blue
- 16:** Solid Purple
- 17:** Solid White
- 18:** FADE7 (Red, Orange, Yellow, Green, Cyan, Blue, Purple)
- 19:** JUMP7 (Red, Orange, Yellow, Green, Cyan, Blue, Purple)
- 20:** Color Fade (Red, Orange, Yellow, Green, Cyan, Blue, Purple)
- 21:** Off

## **LED Status Indicators**

There are 8 LEDs on the Top Panel of the EcoEdge Pro. The first 4 are Status Indicators.

When turned on, the **SOLID GREEN** LED above the Power Button indicates Power Status.

Connect USB-C Input, under the Power + Connect Cap, to a power source. The LED next to ⚡ indicates USB connection Charging Status.

**RED:** Charge in process

**GREEN:** Full charge complete


When you turn on the EcoEdge Pro, the **BLUE** LED above the Bluetooth Button indicates Bluetooth Status.

**FLASHING:** Ready to pair

**SOLID:** Bluetooth connection successful

Refer to **Set Up**

**Recommendations 1-2-3** for additional details.

The LED next to  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 top 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.

# Set Up

## Recommendations 1-2-3

### 1 Charge Your EcoEdge Pro Prior to First Use


For best performance, fully charge your EcoEdge Pro 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 **SOLID GREEN**, indicating a full charge.

**NOTE:** The LED Charging Status Indicator will only turn on while the EcoEdge Pro 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 5-6 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 EcoEdge Pro.

## **2 Power On, Battery, & LED Status Indicators**

Once fully charged, press the Standby Power Button  on the top of your EcoEdge Pro. You will hear, “Speaker Mode,” (or “EcoCast Transmitting,” or “EcoCast Receiving,”) “ready to connect,” when powering on.

**RECOMMENDATION:** If you only have one EcoEdge Pro, put it into Speaker Mode. If you hear “EcoCast Transmitting” or

“EcoCast Receiving,” or if the Mode Status Indicator shines **RED** or **GREEN**, when the speaker is turned on, press the EcoCast Button  to cycle through each Mode until you hear the voice prompt, “Speaker Mode” and the Mode Status Indicator turns **BLUE**.

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

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

Audio playback time is approximately 20 hours.

### **3 Bluetooth Pairing & Your Audio**

#### **Connecting With Bluetooth: Connect To Your Smart Device & Play Audio**

When your EcoEdge Pro is turned on, the LED Bluetooth Status Indicator on the Top 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 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 selection is made and the Bluetooth connection is completed, your EcoEdge Pro will announce: "Your phone is connected." The Bluetooth Status Indicator will shine **SOLID 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 EcoEdge Pro in pairing mode, press and release the Bluetooth Button  on the Top Panel.

Your EcoEdge Pro shall announce, "Ready to connect," when ready to pair to a new device. **PRESS AND HOLD** the Bluetooth Button for 5 seconds to clear the pairing records.



**NOTE:** Your EcoEdge Pro 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 EcoEdge Pro 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 (EcoEdge Pro 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 EcoEdge Pro and delete the Bluetooth connection. The EcoEdge Pro 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 EcoEdge Pro speakers bearing the EcoCast symbol , you can build a broadcast system by initiating EcoCast Transmitting Mode in one EcoEdge Pro speaker and broadcasting your music to one or more EcoEdge Pro speakers in EcoCast Receiving Mode.

## EcoCast: First 2 Speakers

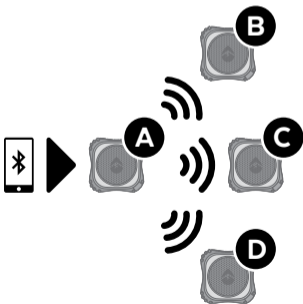




- 1** Follow the **Bluetooth Pairing & Your Audio** instructions to connect one EcoEdge Pro (Speaker A) to your Bluetooth device. After your device is connected to Speaker A, you can select a song to play.
- 2** Press  on Speaker A to initiate EcoCast Transmitting Mode. The Mode Status Indicator (the fourth 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 EcoCast Receiving Mode. The Mode 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 music.

## EcoCast: Additional Receiving Speakers



- 1** Power on the additional EcoEdge Pro speaker(s) (Speaker C and Speaker D). Press  to cycle through to EcoCast Receiving Mode. The Mode Status Indicator will **FLASH GREEN**, and the speaker(s) will announce, "EcoCast receiving."
- 2** On Speaker A (the speaker with the Mode Status Indicator shining **SOLID RED**), **PRESS AND HOLD**  for 3 seconds. The Mode 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 music.

## 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 EcoEdge Pro 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 EcoEdge Pro speakers, make sure that the speakers are within a few feet of each other.



# Master Power Switch & Connections

## Master Power Switch

EcoEdge Pro has a separate Master Power Switch and a Standby Power Button . The switch **MUST** be set to the **ON** position to power your EcoEdge Pro. Once the switch is set to **ON**, use the Standby Power Button, located on the Top Panel, to turn the unit On/Off.

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

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



## **Audio AUX-IN**

Connect an audio device using the 3.5mm cable connection as an alternative to a Bluetooth connection to your EcoEdge Pro.

**NOTE:** Volume level must be controlled from the audio device when connected to the AUX-IN connection.

## **USB-C Input**

Connect the USB cable to the USB-C Input to charge your EcoEdge Pro.

**RECOMMENDATION:** Use the USB cable included in the box.

**NOTE:** Charge time from low to full charge is approximately 5-6 hours.

While playing audio, EcoEdge Pro can be charged.

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

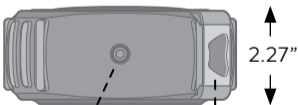
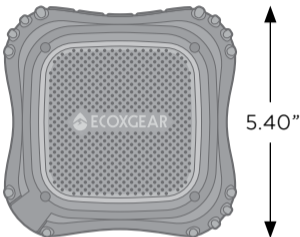


## **Important: Maintaining Waterproofness**

Your EcoEdge Pro is only waterproof when the cap is properly closed. In order to properly close the cap, push firmly to be sure the cap fits flat and flush along the edges with the panel. If not properly closed the unit is **NOT** watertight and may not float.

# Specifications

## Unit Dimensions



Bottle Opener

Mount Attachment Point

## **Unit Weight**

19.4 ounces

## **Output Power**

20W Max,  
x1 woofer (Ø3")

## **S/N Ratio**

88dB +/- 3dB

## **Power Source**

3.6V, 3350mAh  
Lithium Ion Battery

## **USB Input**

5V, 1A

## **Frequency Range**

125Hz-18,000Hz

## **Bluetooth**

Bluetooth® 5.0  
Up to 100 ft / 30 m

## **Play Time**

20+ hours from full charge

## **Mount Attachment Point**

¼" diameter

## **EcoCast**

Using Qualcomm® Broadcast Audio technology

## **EcoCast Range**

30 ft / 9.1 m between Casting speaker and Receiving speakers

## **Charging Options**

USB-C cable to USB outlet, to 5V AC adapter, or to Computer

## **Charging Time**

Approximately 5-6 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



**EcoEdge Pro  
Unit**



**User Guide**



**Carabiner**



**USB Cable**

## Optional Accessories

### For Charging

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

### For Mounting

Suction Cup Mount ( $\frac{1}{4}$ " mount)

Handlebar Mount Adapter  
( $\frac{1}{4}$ " mount)

## **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 ECOXGEAR 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 cap(s) / 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) / 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 USB cables and unit with an improperly fitted cap 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 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** 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](http://www.P65Warnings.ca.gov)

**WARNING:** EcoEdge Pro 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 Grace Digital at [www.gracesupport.com](http://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.

Do not attempt to mount the unit except with the approved ECOXGEAR mounts. 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 around you.

## **You should always**

- 1) Use the ECOXGEAR speaker in accordance with any music or noise rules and regulations.
- 2) Use the proper ECOXGEAR mounts if you intend to mount the unit.
- 3) Properly seal the ECOXGEAR 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.
- 4) Properly clean the ECOXGEAR and ensure the gaskets have no sand, dirt, or water on them prior to storage or removing the back cover.
- 5) Store your unit with all caps properly sealed to avoid long term internal moisture damage inside your unit.
- 6) Completely dry and clean your ECOXGEAR prior to attempting to charge the unit.
- 7) Return the ECOXGEAR to Grace Digital 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 ECOXGEAR 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 ECOXGEAR 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 Grace Digital to review for potential damage.
- 3) Never open the auxiliary door 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 connect a device to the auxiliary input jack when in a water environment. The auxiliary jack should only be used in a dry environment.
- 5) Never attempt to fix, repair your ECOXGEAR unit. Please send it back to Grace Digital for any assessments and repairs.

## **CARE, MAINTENANCE, & PRECAUTIONS:**

- 1) The unit is waterproof only when the cap is properly closed.
- 2) Close the cap properly before use. If the unit is placed in water without the cap properly closed, water may enter into the unit and void your warranty.
- 3) Dry unit completely before opening the cap. Do **NOT** open the cap 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.

## **LIMITED MANUFACTURER'S WARRANTY:**

The EcoEdge Pro 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. 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.ecoxgear.com](http://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.



EcoEdge Pro by ECOXGEAR, a division of Grace Digital Inc., San Diego, California.

Designed and Engineered in the USA.

Made in China.

Patent Pending.

Hey Google is a trademark of Google LLC.

Siri and Apple are trademarks of Apple Inc.

Bluetooth is a trademark of Bluetooth SIG, Inc.

# Product Warranty Registration

To register your purchased product, please visit:

[www.ecoxgear.com/register](http://www.ecoxgear.com/register)

