



# EcoXplor

BC

Models: GDI-EXPLR100



## Reproductor de sonido

Marca: ECOXGEAR  
Modelo: GDI-EXPLR100...120

**Batería: 12 V  $\equiv$  2,3 Ah**

**Salida USB: 5 V  $\equiv$  1,0 A**

**Entrada: 100 V $\sim$  – 240 V $\sim$  50 Hz/60 Hz, 1,0 A 50 W**

Para uso interior

País de origen: CHINA

**IMPORTADOR: IMPORTADORA PRIMEX, S.A. DE C.V.  
BLVD. MAGNOCENTRO No. 4 INT. N/A COL. SAN FERNANDO LA  
HERRADURA DEL.HUIXQUILUCAN C.P. 52765 EDO. DE MÉXICO**



## User Guide

# EcoXplorer Layout

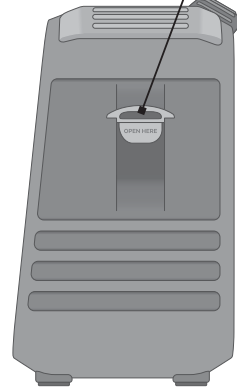
Built-In  
Speakerphone  
Mic Location

Control Panel



FRONT

Bottle Opener  
& Strap Hook

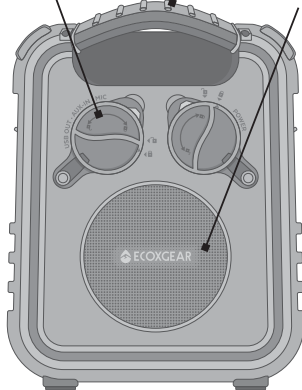


RIGHT SIDE

Connect +  
Power Ports

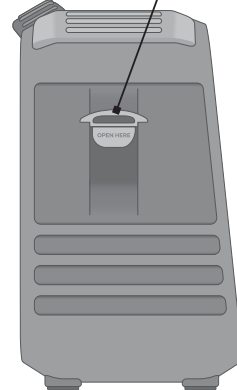
Rugged Carrying  
Handle

Subwoofer



BACK

Bottle Opener  
& Strap Hook





LEFT SIDE

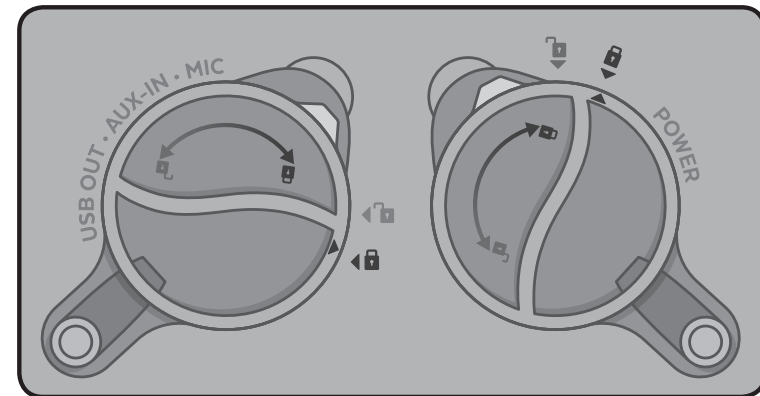
## Important: Maintaining Waterproofness

If the caps on the back panel are not properly closed, the unit is **NOT** watertight.

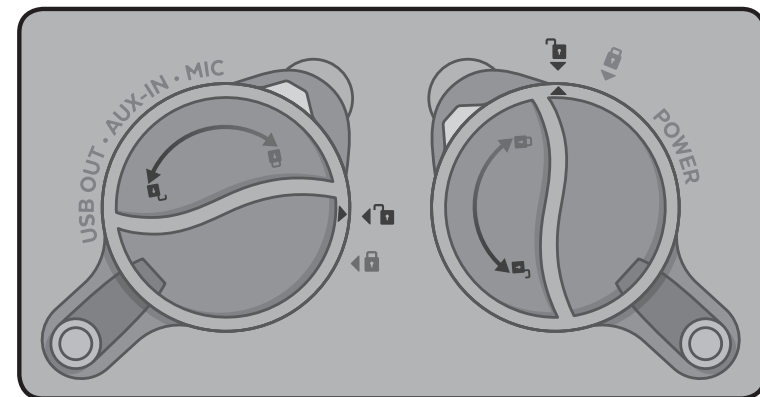
### Waterproof Caps

To close properly, turn the cap clockwise so the cap's arrowpoint lines up with the locked symbol .

To access the connections, turn the cap counterclockwise so the cap's arrow point lines up with the unlocked symbol , then pull the tab on the cap to open.



Lock



Unlock

# Connect + Power

## In/Out Connections

Do **NOT** use these connections if they are wet.

**Microphone Input:** Dynamic microphone required. Port is ¼" (6.35 mm).

**Auxiliary Input:** This 3.5mm auxiliary jack can be used to connect a CD player, MP3 player, etc.

**USB Charging Port:** Connect your device's charge cable here. USB charging only functions when the EcoXplorer's power is turned on. USB port rating is 5V, 1A.

## Power

Do **NOT** plug unit into wall power outlet if power cable jack is wet.

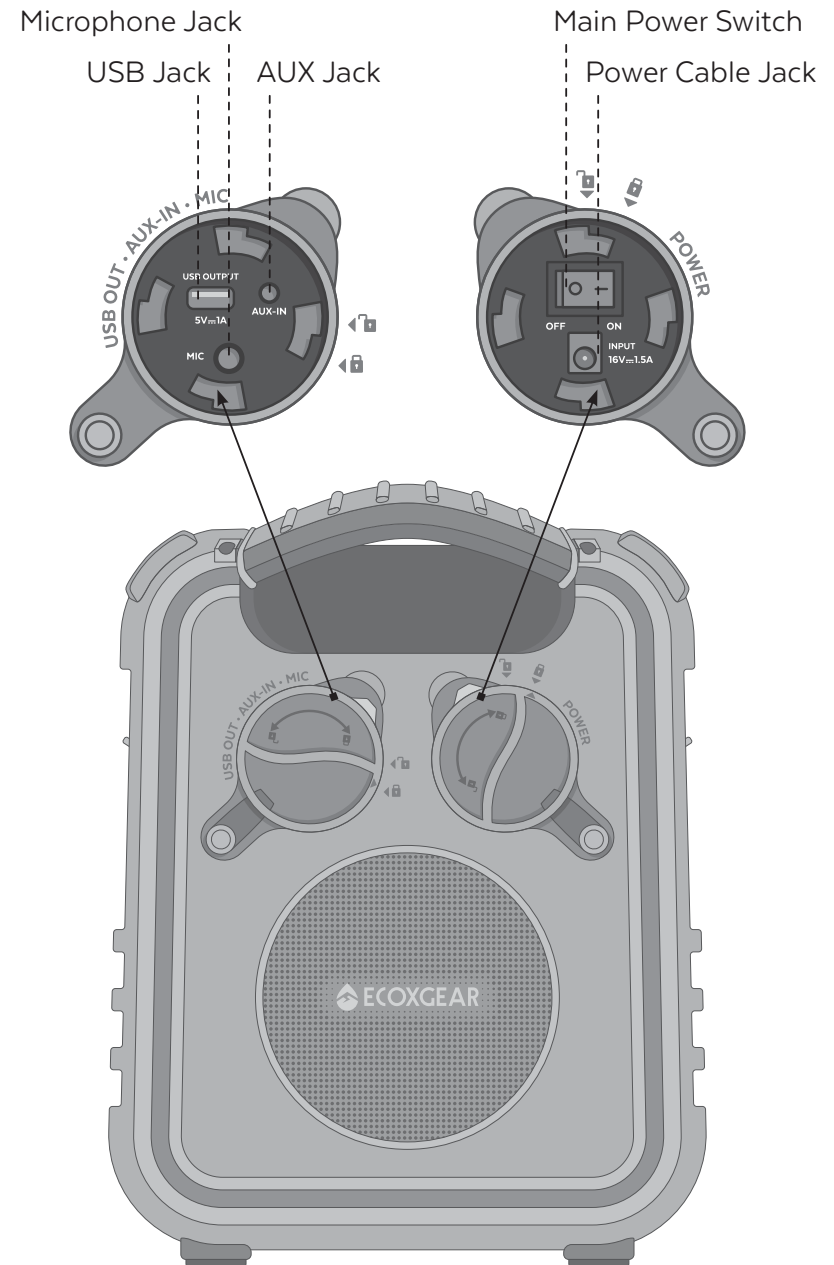
**Use Caution:** 16V DC Power Input. Contact may cause electric shock and injury if wet.

Insert the included 16V power adapter to charge the EcoXplorer.

The LED indicator above the Power Button will shine red when the EcoXplorer is plugged into AC power. When fully charged, the LED Power Indicator, and the 4 LED Battery Level Indicators next to the Power Button, will shine green. It can take 3 to 5 hours to fully recharge the battery from empty.

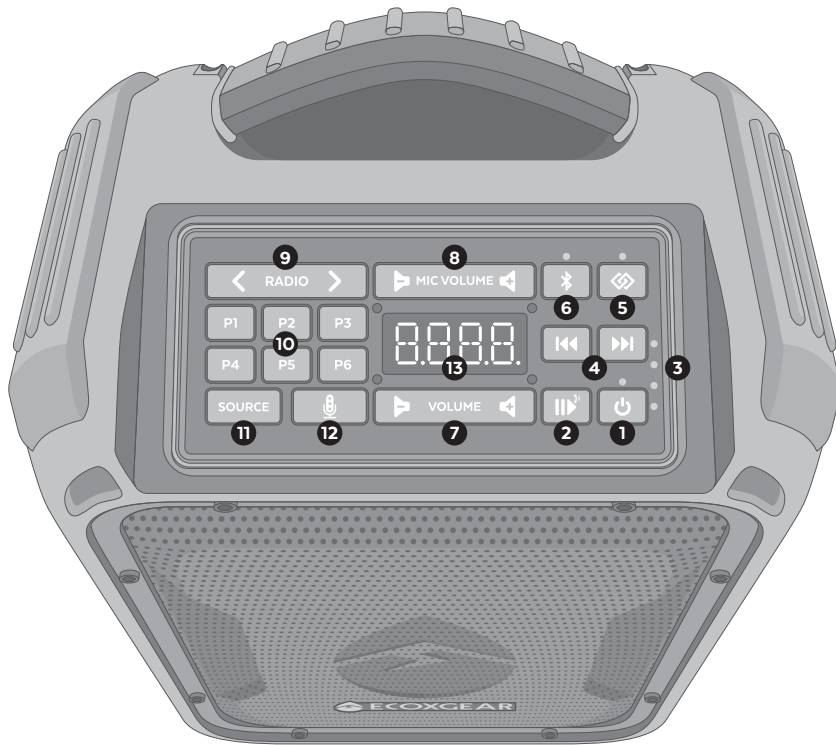
### Notes:

- Fully charge prior to first use (3-5 hours).
- Fully charge prior to extended storage (3-5 hours).
- The EcoXplorer can be played while battery charges.
- Contact Grace Digital at [www.gracesupport.com](http://www.gracesupport.com) prior to attempting to replace battery.



BACK

# Display + Controls



- 1. Standby Power Button:** Turns EcoXplorer On/Off. Main Power Switch (located behind waterproof cap) must be set to **ON** for Standby Power function to operate.
- 2. Play/Pause/Answer:** Press to play or pause a track and to answer mobile calls from a paired Bluetooth device.
- 3. LED Battery Level Indicators:** Each LED represents 25% of a full charge. Four full LEDs indicate a full charge.
- 4. Track Buttons:** Press these buttons to go to the previous/next track on a paired Bluetooth device.
- 5. EcoConnect Button:** If you have purchased a second EcoXplorer (or one other ECOXGEAR speaker bearing the EcoConnect symbol), press and release this button on both speakers to link them together and play in stereo. The LED Indicator above the button will shine blue.
- 6. Bluetooth Button:** When in Bluetooth mode, if the LED indicator above this button is not slowly flashing blue, press this button to enter pairing mode. The LED Bluetooth Indicator will shine solid blue when the EcoXplorer is paired to your device. If your device is paired, press this button to disconnect. Press and hold this button for 5 seconds to clear all pairing records.
- 7. Master Volume Control:** Press to adjust the speaker's main volume. Press and hold to adjust the volume continually (volume levels are 0 to 15).
- 8. Microphone Volume Control:** Press to adjust the microphone volume. Press and hold to adjust the volume continually (volume levels are 0 to 8).
- 9. Tune Buttons:** Press these buttons 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.
- 10. AM/FM Presets:** Store up to 6 of your favorite AM/FM radio stations and quickly tune to a preset radio station. **PRESS AND HOLD** to program presets.
- 11. Source Button:** Press this button to cycle through the following modes: BT (Bluetooth), AUX, FM, and AM.
- 12. EcoTalk:** This button activates your Voice Assistant (Siri and OK Google) on the paired device.
- 13. LED Screen:**



Indicates that the unit has been turned On.

FM

The EcoXplorer is in FM mode.

OFF

Indicates that the unit has been turned Off.

89.5

Indicates the current FM station of the EcoXplorer.

BT

The EcoXplorer is in Bluetooth mode.

AM

The EcoXplorer is in AM mode.

AUX

The EcoXplorer is in AUX mode.

520


Indicates the current AM station of the EcoXplorer.

TOP


# Operations




## Power On/Off

**Main Power Switch:** The EcoXplorer has a separate Main Power Switch and Standby Button . The switch **MUST** be set to the **ON** position to power your EcoXplorer. Once the switch is set to **ON**, use the Standby Button located on the top panel to turn the unit On/Off.

When not in use for extended periods, turn the Main Power Switch off to preserve battery life.


**Power On:** Press  briefly to power on the EcoXplorer. “Power on” voice prompt will be heard.

**Power Off:** Press  briefly to power off the EcoXplorer.









## Pairing a Bluetooth Device

1. Turn on your Bluetooth device.
2. Turn on your EcoXplorer. It will announce, “Power on.” If already powered on and not in Bluetooth mode, press **SOURCE** to cycle through the modes until BT (Bluetooth) appears on the screen.
3. Navigate to your Bluetooth device’s setup screen, find ECOXGEAR and connect. If the connection is successful, the LED Bluetooth Indicator will be lit solid blue and your EcoXplorer will announce “Connection successful.”









### Notes:

- If the pairing is not complete within 5 minutes, the speaker will exit the pairing mode. In this case, you need to repeat the pairing steps again.
- After the connection is successful, if you turn the speaker off and on again, the speaker will reconnect to the last connected device automatically. Also, the voice prompt, “Power on” followed by, “Connection successful” will be heard.
- Press and hold  for 5 seconds to clear all pairing records.

## Adjust the Master Volume

1. Press  **VOLUME**  briefly to adjust the speaker volume.
2. Press and hold  **VOLUME**  to adjust the speaker volume continuously (volume levels are 0 to 15).
  - 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.

## Adjust the Microphone Volume

1. Press  **MIC VOLUME**  briefly to adjust the microphone volume.
2. Press and hold  **MIC VOLUME**  to adjust the microphone volume continuously (volume levels are 0 to 8).
  - 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.

### Notes:



- This function only adjusts the external microphone input jack.
- The internal microphone used for EcoTalk (the activation of voice assistants, such as Siri and OK Google, on your device), and phone calls is not independently adjustable from the Master Volume.





## Source Button

Press **SOURCE** briefly to cycle through the following modes:  
BT (Bluetooth), AUX, FM, AM.

## Play Music (Bluetooth Mode)

After the EcoXplorer is connected to your Bluetooth device, press  briefly on the EcoXplorer to play, press  again to pause.



Press  briefly to play previous song. Press  briefly to advance to the next song.

Press  **VOLUME**  to adjust the volume.

### Notes:


- Pair and connect your Bluetooth device with EcoXplorer before using this feature.
- If a call is received when you are listening to music, the music will pause automatically.
- You can also control Volume and Play / Pause music operations from your Bluetooth enabled device.

## Radio Listening (AM/FM Mode)

Press **SOURCE** briefly to switch to FM or AM. Press  **RADIO**  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.

Press  **VOLUME**  to adjust the volume.

## EcoTalk

Press the EcoTalk button  to activate the voice assistant on your device (Siri, OK Google, etc.). Once activated, the speakerphone mic on your EcoXplorer 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 EcoXplorer via Bluetooth.
- Not all devices have voice assistant functionality; refer to your device for details.

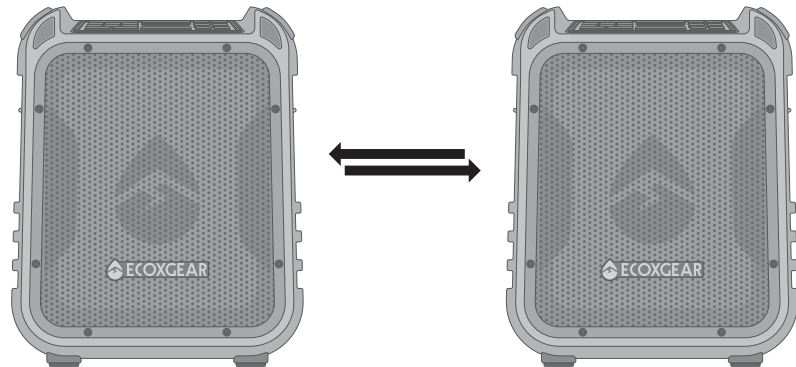
## AM/FM Presets




Store a favorite radio station to quickly tune to a preset radio station. There are 6 positions for AM stations and 6 positions for FM stations. While listening to a station you want to store, press and hold a preset button (P1-P6) to assign the current station to that preset number. The LED screen will flash 2 times to indicate when a preset has been set.

If you want to listen to a stored preset, press a preset button (P1-P6) to go to the stored radio station.



## EcoConnect - Wireless Stereo Connection of Two Speakers



When you have two EcoXplorer speakers and want to wirelessly pair them for stereo sound, first follow the **Pairing a Bluetooth Device** instructions to connect one EcoXplorer speaker to your Bluetooth device. Leave this EcoXplorer speaker powered on and connected to your device.


Next, place the two EcoXplorer speakers next to each other and turn on your second EcoXplorer speaker. Once the second speaker is powered on (the Bluetooth light will be flashing), press the EcoConnect Button  on both of your EcoXplorer speakers. Wait a few seconds for the speakers to wirelessly connect. Both speakers will announce “Connection successful, speakers paired” and the LED EcoConnect Indicator on both units will light up blue once the connection is completed.

Once the two EcoXplorer speakers are connected via EcoConnect, start playing music from your device. Both connected EcoXplorer units will play the music from your device.

The EcoConnect default has your speakers playing in stereo mode. If you would like to change which speaker is left or right or if you want to set each speaker to play in mono mode you can press and hold . Each press and hold of  will change the speaker from RIGHT / LEFT to LEFT / RIGHT to MONO.

The EcoConnect connection between the two EcoXplorer speakers will **NOT** automatically re-connect after the speakers are turned off. To re-establish EcoConnect between the speakers, after power off, please follow the above steps.

### Notes:

- You can also pair the EcoXplorer with any other ECOXGEAR speaker bearing the EcoConnect symbol .
- The EcoConnect functionality is only available while using Bluetooth as your audio source at a maximum range of 30 feet between both of the paired speakers.
- While pairing the two EcoXplorer speakers, make sure that the speakers are within a few feet of each other.

# 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 EcoXplorer.

## Cannot pair with Bluetooth device

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

## There is a high-pitched whistling noise when using microphone

This is probably feedback. Point the microphone away from the speaker.

## There is poor AM/FM reception

To adjust AM/FM reception, rotate the unit and/or move entire product to a different location.

## Cannot play music from a flash drive

The USB port is only for charging USB devices. The EcoXplorer cannot play music via the USB port.

## Volume level is too low

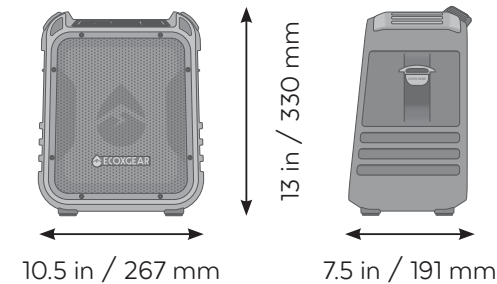
Increase the volume on the EcoXplorer and / or increase the volume on your Bluetooth device.

## Battery not properly charging

Make sure that you are using the provided 16V, 1.5A charge cable and ensure that the cord is properly plugged into the EcoXplorer and wall outlet. Allow up to 5 hours to fully charge the EcoXplorer. Please do **NOT** attempt to fix your EcoXplorer unit. Please contact our Customer Support at [support@gracedigital.com](mailto:support@gracedigital.com) or call us at **866.446.0961**.

# Specifications

## Dimensions



## Unit Weight

10 pounds

## Bluetooth Compliance

Bluetooth V 4.1

## Bluetooth Frequency Band

2.402-2.480GHz ISM Spectrum

## Modulation

GFSK,  $\pi/4$ -DQPSK, 8DPSK

## Bluetooth Range

Up to 100 ft / 30m

## Tweeter

2" (50.8mm) tweeter

## Passive Woofer

5" (127mm) woofer

## Woofer

5" (127mm) full range woofer

## Output Power

50 W (peak)

## Power Source

12V, 2.3Ah SLA Battery

## Power Input

16V, 1.5A

## USB Output

5V, 1A

## EcoConnect

TrueWireless Stereo (TWS)

## EcoConnect Range

30 ft / 9.1 m between  
left and right speaker

## Compatibility

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

## Radio Frequency Range

US: AM 520 - 1710 kHz,  
FM 87.5 - 107.9 mHz

## Storage Temperature

-40°F to 122°F / -40°C to 50°C

## Operating Temperature

23°F to 95°F / -5°C to 35°C

## Play Time

Up to 30 hours of play time,  
approximately 10 hours of play time  
at maximum volume

## Charging Time

Approximately 5 hours

## Waterproof / Dust Rating

IP67



## 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.

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 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.

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

## RF WARNING STATEMENT:

This device complies with RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## IC STATEMENT:

This device complies with Industry Canada's licence-exempt RSSs. 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.

Cet appareil est conforme aux CNR exemptes de licence d'Industrie Canada. Son fonctionnement est soumis aux deux conditions suivantes :

(1) Ce dispositif ne peut causer d'interférences ; et

(2) Ce dispositif doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.

## 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) / cover(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 power cable and the 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.

WARNING: **California Proposition 65 WARNING:** This product may contain chemicals known to the State of California to cause cancer, birth defects and other reproductive harm. ([www.oehha.ca.gov/prop65/prop65\\_list/Newlist.html](http://www.oehha.ca.gov/prop65/prop65_list/Newlist.html))

WARNING: Danger of explosion if battery is incorrectly replaced.

CAUTION: The unit can be used with the main power cord disconnected, the unit is readily operable with the main power cord disconnected.

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.

## 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 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) 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 a salt water environment and that the unit is properly rinsed off after use.
- 3) Properly clean the ECOXGEAR and ensure the gaskets have no sand, dirt, or water on them prior to storage.
- 4) Store your unit with all caps properly sealed to avoid long term internal moisture damage inside your unit.
- 5) Completely dry and clean your ECOXGEAR prior to attempting to charge the unit.
- 6) Return the 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 speaker, housing, 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 doors 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 jacks when in a water environment. The auxiliary jacks 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 caps and door are properly closed.
- 2) Close the caps and door properly before use. If the unit is placed in water without the caps or door properly closed, water may enter into the unit and void your warranty.
- 3) Dry unit completely before opening the caps or door. Do **NOT** open the caps or door if wet or in a wet environment.
- 4) Do **NOT** apply excessive force to any surfaces of the unit when wet or in a wet environment.
- 5) Do **NOT** use or store the unit in places with high temperature.
- 6) **AVOID** prolonged exposure to ultraviolet radiation (UV sunlight) and strong magnetic fields.
- 7) Periodically check the rubber seal on the caps and door for premature wear.
- 8) Periodically clean the rubber with a soft moist cloth and ensure no objects such as dirt, hair, sand are on the rubber seal ring. Do **NOT** use any oily solvent or chemicals for cleaning.
- 9) Rinse off the unit with tap water after use in salt water or swimming pool.
- 10) Power and / or charge the built-in rechargeable battery for portable use by connecting the provided 16V, 1.5A power supply cable to an AC outlet.
- 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:

EcoXplorer is covered by a 3 year limited warranty that covers defects in workmanship and / or materials for a period of 3 years 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.



EcoXplorer by ECOXGEAR, a division of Grace Digital Inc., San Diego, California.  
Designed in California. Made in China.

Patents Pending.