



EcoSlate

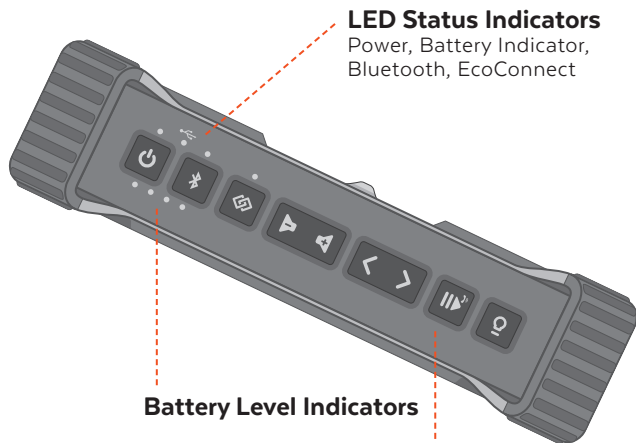
Models: GDI-EXSLT800...820

User Guide



Quick Start

- 1 Open Cap on the back of your EcoSlate
- 2 Turn on the Main Power Switch
- 3 Press the Standby Button to power on your EcoSlate
- 4 Search your Bluetooth Connection on your Smart Device
- 5 Pair & Play



LED Status Indicators

Power, Battery Indicator, Bluetooth, EcoConnect

Battery Level Indicators

Control Buttons

Control Buttons & Operations

On/Off

Press the Standby Power Button once to power ON/OFF.

IMPORTANT: Standby Power function will **NOT** operate when the Master Power is set OFF. Master Power Switch under the cap on the back panel must be set ON for Standby & your EcoSlate to operate.

Bluetooth

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

EcoConnect

Functionality is only available between two units. Refer to **EcoConnect - Wireless Stereo Connection of Two 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 EcoSlate will beep to indicate when maximum volume setting is reached.

Track Selection

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

Play/Pause/Answer

Press button once to pause & play song tracks and to answer mobile calls (**MUST** be paired with Bluetooth).

LED Flashlight

Press the LED button once to cycle through four modes: LOW, MEDIUM, HIGH, OFF.

PRESS AND HOLD to turn the button backlights ON/OFF on the key pad.

Battery Indicator

Connect USB to power source. LED on the top panel indicates USB connection charging status.

RED: charge in process
GREEN: full charge complete

NOTE: 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.

Set Up Recommendations 1-2-3

1 Charge Your EcoSlate

Before you power on your EcoSlate, connect the USB Micro port to the USB cable and a 5V power source to fully charge your EcoSlate for best performance.

NOTE: Before using your EcoSlate for the first time, charge the unit until all battery level indicators are green, indicating 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 and power adapter included with your EcoSlate.

2 Power On, Battery, & LED Status Indicators

Once fully charged, press the Standby Power Button  on the top of your EcoSlate. You will see the green LED light & you will hear, "Power on" when powering on.

IMPORTANT: Make sure that the Main Power Switch, located in the back compartment under the cap, is set in the ON position. If the switch is in the OFF position, your EcoSlate 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 bar represents 25% of a charge, with 4 full LEDs indicating a full charge.

Audio playback time over Bluetooth connection is approximately 12 hours at 75% volume.

3 Bluetooth Pairing & Your Audio

Connecting With Bluetooth:

Connect To Your Smart Device & Play Audio

When your EcoSlate is turned on, the blue LED light on the top panel will flash, 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 EcoSlate will announce: "Connection successful"

Once connected, select and play your desired audio.

Pairing Mode: If the LED is not flashing or if you wish to place your EcoSlate in pairing mode, press and release the Bluetooth button on the top panel. Your EcoSlate shall announce "Ready to connect" when ready to pair to a new device.

NOTE: Your EcoSlate 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 EcoSlate 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 (EcoSlate 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 EcoSlate and delete the Bluetooth connection. The EcoSlate will then be available to pair & connect to an alternate Bluetooth enabled Smartphone / Audio Device.

EcoConnect - Wireless Stereo Connection of Two Speakers



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

Next, turn on your second EcoSlate speaker. Once the second speaker is powered on (the Bluetooth light will be flashing), press the EcoConnect Button  on both of your EcoSlate speakers. Both speakers will announce, "EcoConnect, pairing speakers." Wait approximately 4 seconds for the speakers to wirelessly connect. Both speakers will announce "Connection successful. Speakers paired." and the EcoConnect light will turn solid **BLUE** on both units once the connection is completed.

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

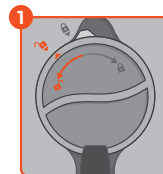
While the two speakers are connected and playing music from your device, **PRESS AND HOLD**  to cycle through the EcoConnect modes. There are four modes: STEREO; RIGHT / LEFT; LEFT / RIGHT; MONO.

The EcoConnect connection between the two EcoSlate 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.

NOTE: The EcoConnect feature works when paired to another EcoConnect capable speaker with a distance of up to 30ft from each other. EcoConnect only works when using Bluetooth as your audio source.

Master Power Switch & Connections

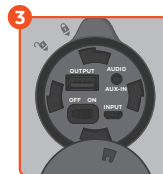
To access the connections, turn the cap to the **LEFT** so the cap's arrow point lines up with unlocked symbol , on the back of the unit. Use the finger tab to pull open the cap.



Select
Unlocked



Use Tab
to Open Cap



Access
Connections



Important: Maintaining Waterproofness

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

To ensure the unit is watertight & waterproof, **ALWAYS CLOSE THE CAP PROPERLY.**

Turn the cap to the **RIGHT** so the cap's arrow point lines up with the locked symbol , along the back of the unit.

Back Panel: Functions

Master Power Switch

EcoSlate has a separate Master Power Switch and a Standby Button. The switch **MUST** be set to the ON position to power your EcoSlate. Once the switch is set to ON, use the Standby 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 function will **NOT** operate when the Master Power 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 EcoSlate.

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

Input

Connect the USB cable to the USB micro Input to charge your EcoSlate.

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

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

While playing audio, EcoSlate can be charged or charge your device. Battery play time shall be reduced depending on the time and size of the device charging while connected to your EcoSlate.

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

Output

Connect to the USB Output (5V, 1A) port to charge your personal device. Use the USB cable included with your personal device.

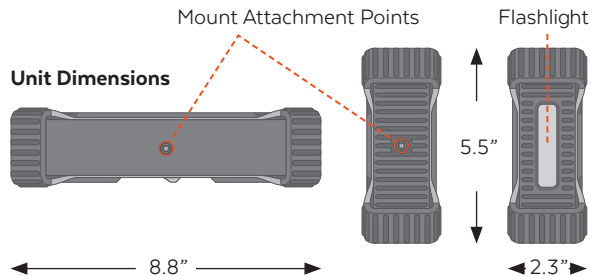
NOTE: Charging rates are similar to the charging rate when connected to the USB of a desktop PC.

Charge time is approx. 3 hrs. from low to full for most Smartphones; however, charge times will vary depending on the device being charged, the device's battery specifications, and the device features.

In some instances your personal device may not indicate if charge is in process.

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

Specifications



Unit Weight

29.4 ounces

Output Power

RMS 20W (10 Watt
x2 speakers/ 4 ohms),
x2 woofers (3"x1.5")

S/N Ratio

88dB +/- 3dB

Power Source

3.7V, 2600mAh
Lithium Ion Battery

USB Input / Output

5V, 1A

Frequency Range

125Hz-18,000Hz

Bluetooth

Bluetooth® CSR 4.1
Up to 100 ft / 30 m

Play Time

12+ hours from full charge at
75% volume level

Mount Attachment Points

¼" diameter

LED Flashlight

200 Lumens

EcoConnect

TrueWireless Stereo (TWS)
Up to 30 ft / 9.1 m between
paired speakers

Charging Options

USB 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

US Military Certification

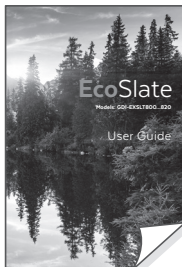
MIL-STD 810G

Waterproof/Dustproof Rating

IP68



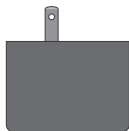
EcoSlate Unit



User Guide



Carabiner



AC Power Adapter



USB Cable

Optional Accessories

For Charging

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

AC (5V, 1A) USB Car Power Adapter

For Mounting

Suction Cup Mount (¼" mount)

Handlebar Mount Adapter (¼" 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 ECOGEAR Bluetooth speaker is intended to be used indoors or outdoors and in land or water environments. The speaker has been tested to IP68 waterproofing standards, which means the speaker can be submerged in up to 6 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 IP68 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, power adapters, 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.
- WARNING:** This product may contain chemicals listed in Proposition 65 (www.oehha.ca.gov/prop65/prop65_list/Newlist.html)
- WARNING:** EcoSlate 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 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 EcoSlate 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 for additional product & warranty information.



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

Patent Pending.