Sol Jam

Models: GDI-EXSJ400 / 401

User Guide

Quick Start

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

LED Status Indicators
Power, Battery, Bluetooth

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 Sol Jam to operate.

Bluetooth ∗

When turned ON, the Sol Jam will power on and search for your Bluetooth. Refer to "Set Up Recommendations 1-2-3" part ③ 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 Sol Jam 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).

Battery Level

Press the ▭ button to check the battery level. There are five LED battery level indicators located on top of the unit. Each LED represents 20% of a charge. Five full LEDs indicate a full charge.

Battery Indicator ⚡

When connected with a USB cable to a power source, the LED indicates a USB connection and charging status.
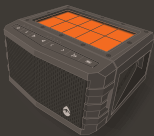
RED: charge in process
GREEN: full charge complete

Using the Sun to Power Sol Jam

Power ON

Ensure the Master Power Switch is set to the ON position. Solar charging will **NOT** work if the Master Power Switch is OFF.

The solar panel will recharge the battery within Sol Jam if Sol Jam is ON or in Standby Power mode.

Solar Charging

Place Sol Jam in direct sunlight. The solar charging is most efficient if the entire solar panel on Sol Jam is directly facing the sun without any obstacles in the way.

You can verify that the sun is charging Sol Jam by viewing the five blue LEDs on the Sol Jam unit. When the sun is

charging Sol Jam, the blue LEDs will sequentially flash – 1 flashing LED is low sun charging, and 5 sequentially flashing LEDs is optimal charging.

The efficiency of the solar charging varies based on a variety of factors: angle of the sun, global location, time of day, time of year, and cloud cover.

Battery Level

Check the charge of the battery by pressing the Battery Level Button 🔋 on the Sol Jam unit: 1 solid LED indicates 20% charged, 5 solid LEDs indicate fully charged.

If the Sol Jam battery is full, the solar charging circuitry within Sol Jam turns off until the battery is drained and needs recharging.

IMPORTANT: When using the Sol Jam to charge devices, always do so in a dry environment. If the cap on the back panel is not properly closed, the unit is **NOT** watertight.

Set Up Recommendations 1-2-3

1 Charge Your Sol Jam

Before you power on your Sol Jam for the **FIRST TIME**, for best performance, connect the USB Micro port with a USB cable to a power source and fully charge your Sol Jam.

NOTE: To check the battery charge level, press the Battery Level Button 🔋 . Charge the unit until all 5 LED battery level indicators are solid blue, indicating a full charge.

Approximately 3 hours of charging time is required from a low to a full charge, using a power adapter.

Power source options include a USB connection to your computer or a power outlet using a USB to AC power adapter as well as solar power. It is recommended to always use the USB cable included with your Sol Jam.

2 Power ON, Battery, & LED Status Indicators

Once fully charged, press the Standby Power Button ⏻ on your Sol Jam. You will see the green LED light & you will hear an ascending bell tone.

IMPORTANT: Ensure the Main Power Switch, located in the back compartment under the cap, is set in the Upper ON position. If the switch is in the Lower OFF position, your Sol Jam will not be able to turn on using the Standby Button.

NOTE: The LED battery level indicators are located on the top of the unit. Each LED represents 20% of a charge, with 5 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 Sol Jam is turned on, the blue LED light on the top panel will flash rapidly 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 Sol Jam will announce: "Bluetooth connected"

Once connected, select and play your desired audio.

Pairing Mode: If the LED is not flashing or if you wish to place your Sol Jam in pairing mode, press and release the Bluetooth Button ∗ . Your Sol Jam shall announce "pairing ready" when ready to pair to a new device.

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

Master Power Switch & Connections

To access the connections, turn the cap to the **LEFT** so the cap's arrow point lines up with the unlocked symbol 🔓 along the back edge of the unit.
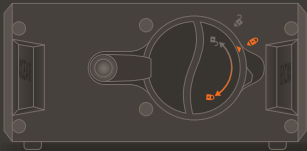

Select Unlocked

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 edge of the unit.

Back Panel: Functions

Master Power Switch

Sol Jam has a separate Master Power Switch and a Standby Button. The switch **MUST** be set to the ON position to power your Sol Jam. 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 Sol Jam.

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 Sol Jam.

RECOMMENDATION: Use the USB cable included in the box.

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

While playing audio, Sol Jam 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 Sol Jam.

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 approximately 3 hours 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.
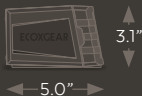
In some instances your personal device may not indicate if charge is in process.

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

Specifications

Unit Dimensions

Mount Attachment Point

3.1"

5.0"

6.1"

Unit Weight
25.1 ounces

Output Power
RMS 20W (10 Watt x2 speakers/ 4 ohms)

S/N Ratio
88dB +/- 3dB

Power Source
3.7V, 2800mAh Lithium Battery

Frequency Range
125Hz-18,000Hz

Mount Attachment Point
¼" diameter

Bluetooth
Bluetooth® CSR 4.1

Recommended Storage (Battery) Temperature
59°F / 15°C

Operating Temperature
23°F to 104°F / -5°C to 40°C

Solar Panel
Photovoltaic (PV)
Solar Charge

Charging Options
Solar, USB to AC
adapter, USB
to computer

Charging Time
Approx. 3 hrs (AC
adapter) Solar
charge rate varies
with environmental
conditions

Play Time
12+ hours from
full charge at 75%
volume level

**USB Input /
Output**
5V, 1A

**Waterproof /
Dust Rating**
IP67

Carabiner

Sol Jam

User Guide

Sol Jam

User Guide

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 COMPLIANCE STATEMENT & WARNING:

This device has been tested & 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. The device generates, uses & can radiate radio frequency energy & if not installed & used in accordance with instructions may cause harmful interference to radio communications. There is no guarantee that interference will not occur in a particular installation. If this device causes interference to radio or television reception, try one of these measures: reorient or relocate the receiving antenna, increase separation between device & receiver, connect the device into an outlet on a circuit different from that to which the receiver is connected, consult a dealer or experienced radio / TV technician for assistance. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the device and / or void the manufacturer's limited warranty.

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, 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: Sol Jam 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 a 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.
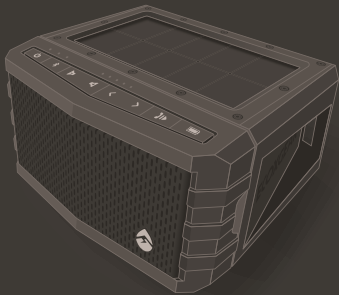
3) Dry unit completely before opening the cap. Do **NOT** open the cap if wet or in a wet environment.

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 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:

FC CE BC RoHS

Yes it's Waterproof!™