



SOLAR ROCKER

Quickstart Guide

English (2 – 6)

Appendix

English (7)

Quickstart Guide (English)

Introduction

Box Contents

Solar Rocker
Microphone with Cable
1/8" (3.5 mm) Stereo Aux Cable
Power Cable
Quickstart Guide
Safety & Warranty Manual

Support

For the latest information about this product (documents, system requirements, compatibility information, etc.) and product registration, visit ionaudio.com.

For additional product support, visit ionaudio.com/support.

Rechargeable Batteries

Rechargeable lead-acid batteries are the same type used in automobiles. As with your car battery, how you use this battery has a significant impact on its lifespan. With proper use and treatment, a lead-acid battery can last for years. Here are some recommendations for getting the longest life from the internal battery.

General Usage Fully charge the battery before using it.
Charge the battery completely after each use.

Storage For best product longevity, do not store at exceedingly hot (greater than 90°F/32°C) or exceedingly cold (less than 32°F/0°C) temperatures.
It is acceptable to leave your sound system plugged in. This will not overcharge the battery.
If you leave the battery level low and do not charge it for 6 months, it may permanently lose capacity.

Repair If the battery fails to charge, check your fuse near the power cable input. If your fuse is intact and it still will not charge, contact ION Audio at ionaudio.com.

Disposal Bring the unit to a recycling center or dispose of in accordance with local ordinances.

Outdoor Use and Care

Certified to IPX4 standards, Solar Rocker is water-resistant and protected against splashing water in any direction, such as light rain or water spray. Please review the tips below to get the best performance from Solar Rocker:

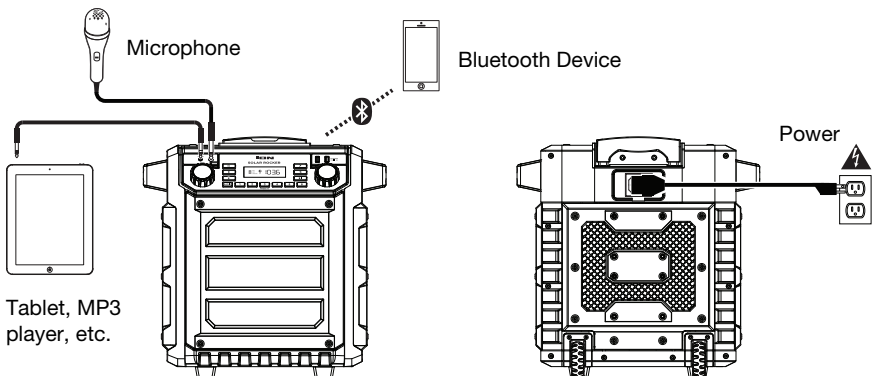
- Solar Rocker must **only** be used outdoors with power outlets or extension cords that are rated for outdoor use.
- Bring Solar Rocker indoors during extreme weather.
- Please do not place Solar Rocker in standing water.
- Please do not connect the power cable to Solar Rocker in a wet environment. Make sure the power input, power cable, and power outlet are all completely dry before making any connections.
- **WARNING:** Keep any non-water-resistant devices (phones, music players, etc.) in a dry place where they will not be affected by water and cause a risk of electric shock.

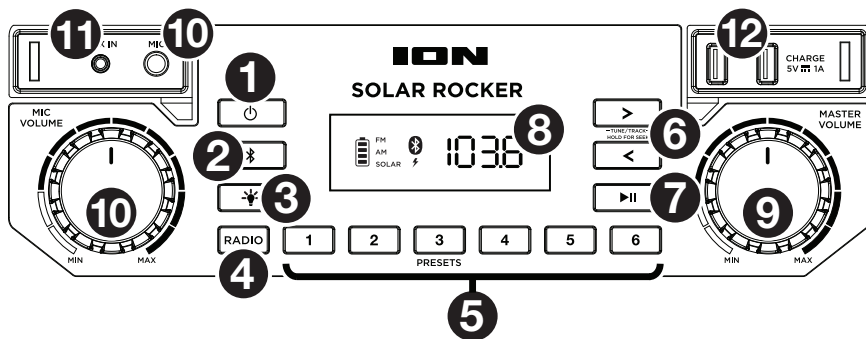
Quick Setup

1. Make sure all items listed in the **Box Contents** are included in the box.
2. Read the *Safety & Warranty Manual* before using the product.
3. Make sure the battery is completely charged prior to first use for maximum battery life.
4. Ensure the **Master Volume** on Solar Rocker is at zero.
5. Turn on Solar Rocker.
6. Connect your devices.
7. Raise the volume to a comfortable level.
8. Return the **Master Volume** to zero when you are finished using Solar Rocker.

Connection Diagram

Items not listed under **Introduction > Box Contents** are sold separately.





1. **Power Button:** Turns Solar Rocker on or off. Please note that while Solar Rocker is connected to a power source, it does not need to be powered on to charge the battery. When the power is on, the display will show the **power indicator**.
2. **Bluetooth Button:** Press the Bluetooth button to disconnect a paired Bluetooth device.
3. **Light Mode Button:** Press this button to select how the lights on the front panel function:
 - **White:** The lights are lit solidly white.
 - **Color Cycle:** The lights slowly glow and cycle through colors. Press and hold the light mode button to freeze the lights on one color.
 - **Beat Sync:** The lights react to the beat of the music.
 - **Off:** The lights turn off. This is the default mode when Solar Rocker is first powered on.
4. **Radio Selector:** This button sets the Radio to AM, FM, or turns the radio off.
5. **AM/FM Presets:** Store a favorite radio station and quickly tune to a preset radio station. There are 6 numeric positions to store AM band presets and 6 numeric positions to store FM band presets. To add a preset:
 - i. Select either the AM or FM band and then use the **Tune/Track Buttons** to select the desired radio station.
 - ii. Press and hold a numeric preset button to assign the current station to that preset number. The display will show **"SAVE"** to show the station has been saved. To use an added preset, tap a preset number once lightly to go to the stored radio station.
6. **Tune/Track Buttons:** Tap these buttons to tune in a radio station or go to the previous/next track on a Bluetooth connected device. To "seek" (jump to the next available station), hold either button down for a few seconds until it starts to seek a station. The unit will remember the last station it was on and start at that station when powered off and on again.
7. **Play/Pause:** Press to play or pause a track from a connected Bluetooth device.
8. **Display:** Displays the current radio station, battery status, and Bluetooth status.
 - **Charging Indicator:** When the power cable is connected, movement of the top battery segment shows the battery is charging. When fully charged, all battery segments will be lit without blinking.
When the power cable is disconnected, the battery segment shows the level of the battery. If a front panel button is not pressed within 60 seconds, the battery level indicator will turn off (to save energy). The battery level indicator will reappear when any button is pressed. Also, when the battery gets to the lowest battery icon segment, the battery level indicator will turn back on.

- **Solar Icon:** When the solar panel is receiving enough sunlight to activate charging, the solar icon will illuminate.
 - **Lightning Bolt Icon:** The lightning bolt icon will illuminate when the IEC power cable is connected to wall power.
 - **Bluetooth Icon:** The Bluetooth icon will not be lit when Solar Rocker is first powered on (unless it was previously paired with a device). The Bluetooth icon will be lit solid when a device is paired to Solar Rocker.
 - **Power Indicator:** The power indicator (radio display decimal point) will be lit when Solar Rocker is powered on. The power indicator will not be lit when Solar Rocker is powered off.
9. **Master Volume Control:** This adjusts the speaker's main mix volume, which includes the Microphone Input, Auxiliary Input, Radio, and the audio of a paired Bluetooth device.
 10. **Microphone Input with Volume Control (1/4"):** This mono input accepts a 1/4" (6.35 mm) input such as a microphone, guitar, or other musical instrument.
 11. **Auxiliary Input:** This stereo 1/8" (3.5 mm) input can be used to connect a CD player, MP3 player, or other audio source.
 12. **USB Charging Ports:** Connect your device's charge cable here to charge it. USB charging only functions when the unit's power is turned on.
Note: To charge smartphones and tablets faster, put the device's screen to sleep.
 13. **Solar Panel (Top):** Place Solar Rocker in sunlight to charge the battery using the solar panel. When the unit is receiving enough sunlight to activate charging, the **Solar Icon** will illuminate in the **Display**.
Note: The rate of charging depends on the amount of sunlight the solar panel receives. The unit will charge slower when receiving indirect sunlight. Place Solar Rocker in direct sunlight for best results.
 14. **Power Cable Input (Back):** Insert the included power cable here to charge the unit. Please note that when the power cable is connected, the battery will still charge while the unit is in use.

Pairing a Bluetooth Device

1. Turn on your Bluetooth device.
2. Power on Solar Rocker. If you have previously connected to another Bluetooth device, Solar Rocker will reconnect. To disconnect pairing if the Bluetooth icon is lit solid, press and release the Bluetooth button.
3. Navigate to your Bluetooth device's setup screen, find "**Solar Rocker**" and connect.
Note: If your Bluetooth device prompts for a pairing code, enter "**0000**".
4. To disconnect pairing while the Bluetooth icon is lit solid, press and release the Bluetooth button.
5. To connect to another Bluetooth device, repeat step 3.

Note: Maximum range will be achieved when using devices with Bluetooth 4.0 or higher.

Pairing a Bluetooth Device Using NFC

NFC (near-field communication) allows data exchange from devices, such as pairing, by gently bumping them together. Check in your device's manual to see if this feature is supported.

To use NFC to pair with Solar Rocker:

1. In order to use NFC, your device must be turned on and unlocked.
2. Enter your device's **Settings** menu and check that **NFC** is turned **On** (one-time step).
3. Power on Solar Rocker.
4. Touch and briefly hold your device to the NFC logo located on Solar Rocker's top panel.
5. Follow the pairing instructions that appear on your phone. If a passcode is required, enter "0000".
6. To unpair, gently bump your device against the NFC logo.

Troubleshooting

If the sound is distorted: Try lowering the volume control of your sound source, musical instrument, or microphone. Also, try to reduce the overall volume of Solar Rocker using the Master Volume knob.

If there is too much bass: Try adjusting the tone or EQ control on your sound source to lower the bass level. This will allow you to play the music louder before clipping (distortion) occurs.

If there is a high-pitched whistling noise when using microphones: This is probably feedback. Point the microphone away from the speaker.

If there is poor AM reception: To adjust AM reception, move entire unit.

If you can't hear the microphone over the music volume: Turn down the music volume from your source.

If you can't play music from a flash drive: The USB port is only for charging USB devices.

If the unit is not charging: Make sure the power cable is properly connected to the power input and the power outlet. If you are using the solar panel for charging, make sure the unit is receiving direct sunlight.

Appendix (English)

Technical Specifications

Output Power	100 W (peak)
Bluetooth	Profiles: A2DP, AVRCP Range: Up to 100 feet / 30.5 meters *
Water Resistant Class	IPX4
Microphone Type	Dynamic microphone recommended (included)
Battery Type	12 V, 7.0 Ah SLA
Battery Life	Up to 75 hours **
Charge Time	IEC: Up to 7 hours Solar: Up to 35 hours (in direct sunlight)
Charge Port	2 USB, +5 V, 1 A
Power	Input Voltage: 100–240 VAC, 50/60 Hz
Dimensions (width x depth x height)	18.2" x 10.9" x 18.1" 462 x 276 x 459 mm
Weight	32.1 lbs. 14.56 kg

Specifications are subject to change without notice.

* Bluetooth range is affected by walls, obstructions, and movement. For optimal performance, place the product in the center of the room so it is unobstructed by walls, furniture, etc.

** Battery life may vary based on temperature, age, and volume usage of product.

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