# ION

# BLOCK ROCKER PLUS

## Quick Start Guide

# Quickstart Guide (English)

## Introduction

Thank you for purchasing the Block Rocker Plus. At ION, your entertainment is as important to us as it is to you. That's why we design our products with one thing in mind—to make your life more fun and more convenient.

## Box Contents

Block Rocker Plus

Microphone with Cable

1/8" (3.5 mm) Stereo Aux Cable

Power/Charging Cable

Quickstart Guide

Safety & Warranty Manual

## Support

For the latest information about this product (documentation, technical specifications, 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.

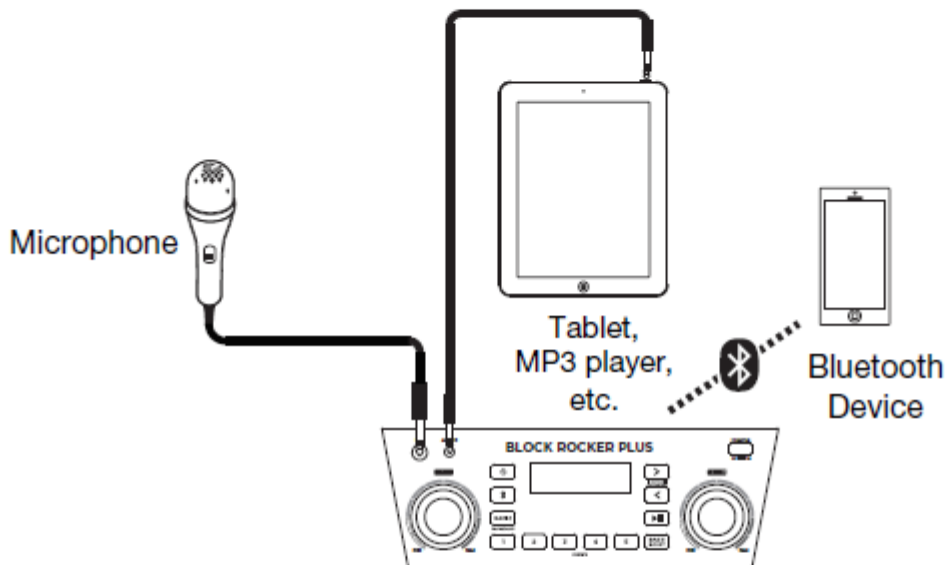| | |
|---|---|
| **General Usage** | Fully charge the battery before using it. |
| | Charge the battery completely after each use. |
| **Storage** | For best product longevity, do not store at exceedingly hot (greater than 90°F/32°C) or exceedingly cold (less than 32°F/0°C) temperatures. |
| | It is 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. |

## 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. Study the *Connection Diagram*.
5. Ensure the **Master Volume** on Block Rocker Plus is at zero.
6. Connect your devices.
7. Raise the volume to a comfortable level.
8. Return the **Master Volume** to zero when you are finished using Block Rocker Plus.
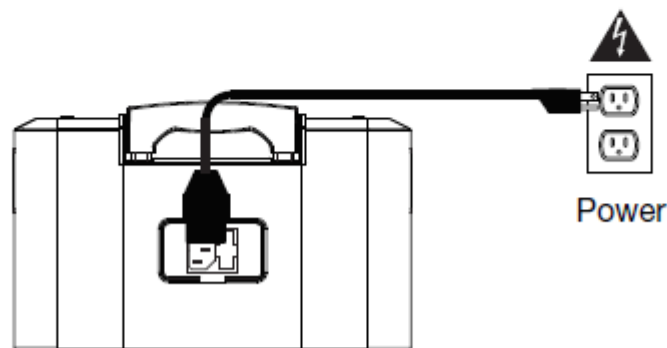
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Items not listed under *Introduction* > *Box Contents* are sold separately.
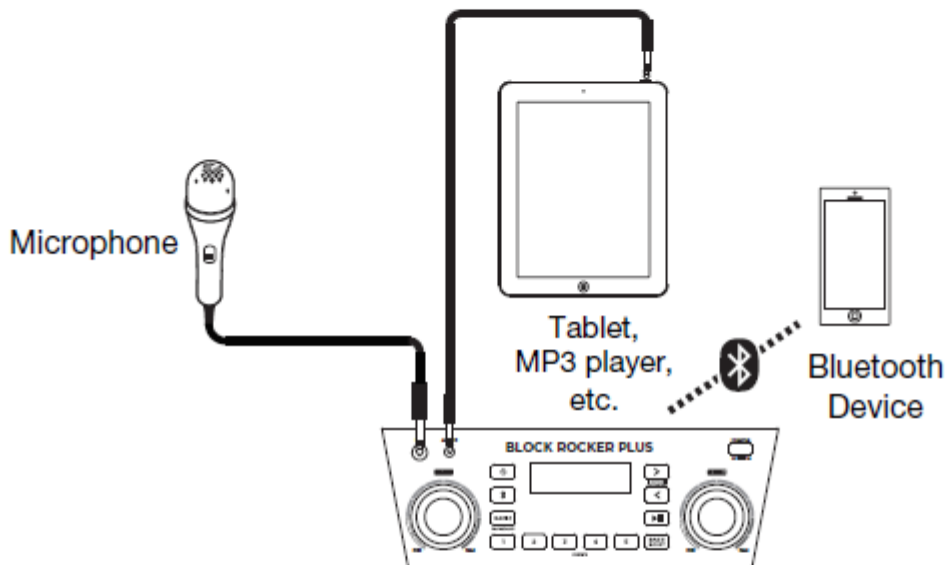
**Front Panel**



**Rear Panel**

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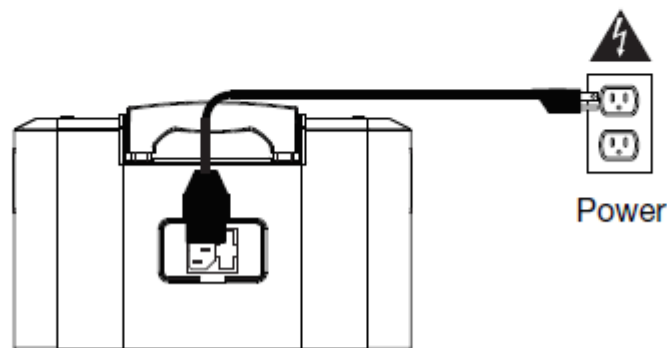
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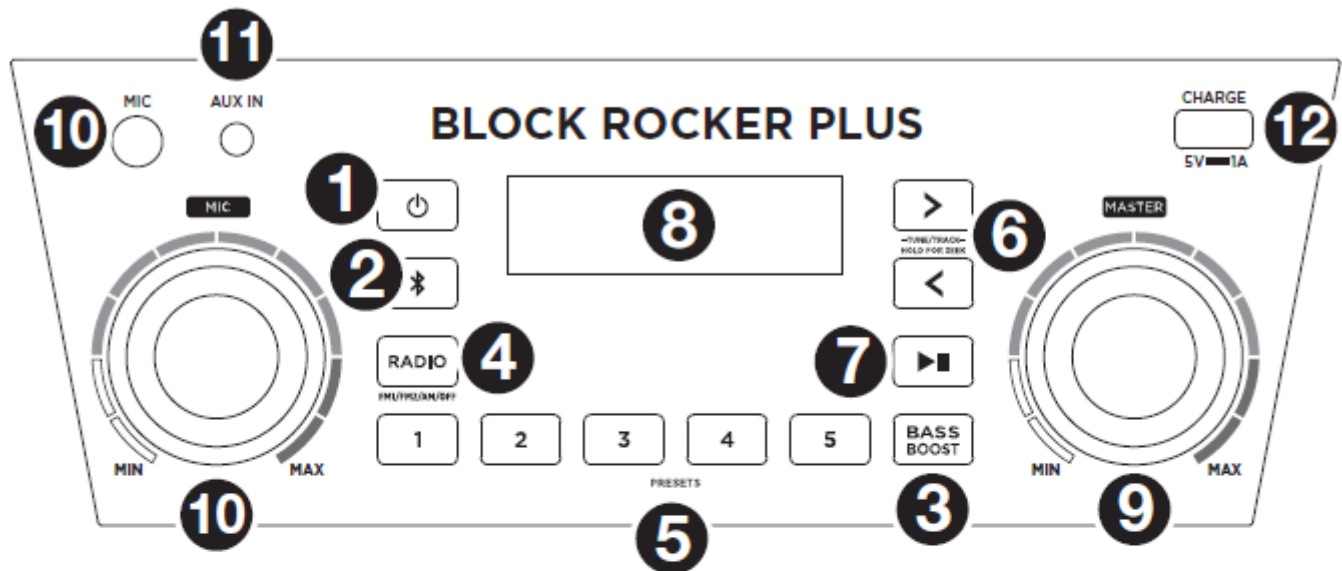
**Front Panel**



**Rear Panel**

# Features

## Front Panel



1.  **Power Button:** Turns Block Rocker Plus on or off. Please note that while Block Rocker Plus 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.  **Bass Boost:** Press this button to enhance the overall bass frequency response.

4.  **Radio Selector:** This button sets the Radio to FM1, FM2, AM or turns the radio off.

5.  **AM/FM Presets:** Store a favorite radio station and quickly tune to a preset radio station. There are 5 numeric positions to store AM band presets and 2 banks of 5 numeric positions each to store FM1 and FM2 band presets.

    To add a preset:
    
    i.   Select FM1, FM2, or the AM 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 "**SAV**" to show the station has been saved. To use an added preset, press 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 battery segments 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.

  - When the battery level is low, the bottom battery segment will blink.

  - 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.

- **Lightning Bolt Icon:** The lightning bolt icon will illuminate when the power cable is connected to wall power.

- **Bluetooth Icon:** The Bluetooth icon will be lit solid when a device is paired to Block Rocker Plus.

- **Power Icon:** The power icon will be lit when Block Rocker Plus is powered on. The power icon will not be lit when Block Rocker Plus is powered off.

- **Bass Boost Icon:** The Bass Boost icon will be on when the Bass Boost function is activated. The icon will be off when the function is deactivated.

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 Port:** Connect your device's charge cable here to charge it. USB charging only functions when the unit's power is turned on.

## Top Panel

1. **NFC:** Tap your NFC (near-field communication) supported and enabled device here to pair your phone by gently bumping on the 'N' logo.



## Rear Panel

1. **Power Cable Input:** Insert the included power cable here to charge the unit. Note that the Block Rocker Plus can be used with the power cable while it simultaneously charges the battery.

2. **Fuse Cover:** If the unit's fuse is broken, use a screwdriver or other tool to lift this tab to replace the fuse. Replace it with a fuse of the same rating. Using a fuse with an incorrect rating can damage the unit and/or fuse.

# Operation

## Using the Radio

**Selecting a radio station:**

1. Press the **Radio** button to select FM1, FM2, or AM.
2. Press either of the **Tune/Track** buttons to select a radio station. To "seek" (jump to the next available station), hold either button down for a few seconds until it starts to seek a station.

**Saving a radio station as a preset:**

1. Press the **Radio** button to select FM1, FM2, or AM.
2. Press either of the **Tune/Track** buttons to select a radio station.
3. Press and hold a numeric preset button to assign the current station to that preset number. The display will show "**SAV**" to show the station has been saved.

**Recalling a saved radio station preset:**

1. Press the **Radio** button to select FM1, FM2, or AM.
2. To use an added preset, press a preset number once lightly to go to the stored radio station.

## Pairing a Bluetooth Device

1. Turn on your Bluetooth device.
2. Power on Block Rocker Plus. The speaker will automatically enter pairing mode. If you have previously connected to another Bluetooth device, Block Rocker Plus 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 "**Block Rocker Plus**" and connect. The Bluetooth icon will be lit solid when paired.

   **Note:** If your Bluetooth device prompts for a pairing code, enter "**0000**".
4. To disconnect pairing, press and release the Bluetooth button.
5. To connect to another Bluetooth device, repeat step 3.

## 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 Block Rocker Plus:**

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 Block Rocker Plus.
4. Touch and briefly hold your device to the NFC logo.
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 located on Block Rocker Plus's top panel.

## 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 Block Rocker Plus 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.

# Appendix (English)

## Technical Specifications

| | |
|---|---|
| **Output Power** | 100 W (peak) |
| **Drivers** | **Low-Frequency:** 8.0" / 203.2 mm woofer<br>**High-Frequency:** 3.0" / 76.2 mm tweeter |
| **Frequency Response** | 70 Hz – 20 kHz (+/- 3 dB) |
| **Bluetooth Specifications** | **Profile:** A2DP, AVRCP<br>**Range:** up to 100 feet / 30.5 meters |
| **Microphone Type** | Dynamic microphone (included) |
| **Radio Frequency Range** | **US:** 520–1710 kHz (AM), 87.5–107.9 MHz (FM)<br>**Europe:** 522–1629 kHz (AM), 87.5–108 MHz (FM)<br>**Japan:** 522–1710 kHz (AM), 75.5–108 MHz (FM) |
| **USB Charging Port** | 1 USB, +5 V, 1 A |
| **Battery** | **Battery life:** up to 50 hours<br>**Recharge time:** 8 hours<br>**Type:** SLA, 12V 4AH |
| **Power** | **Input Voltage:** 100-240V 50/60Hz, 50 W |
| **Dimensions**<br>(width x depth x height) | 11.14" x 14.57" x 17.36"<br>283 x 370 x 441 mm |
| **Weight** | 20.7 lbs.<br>9.4 kg |

Specifications are subject to change without notice. Bluetooth and wireless reception and range are 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.

## Trademarks & Licenses

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