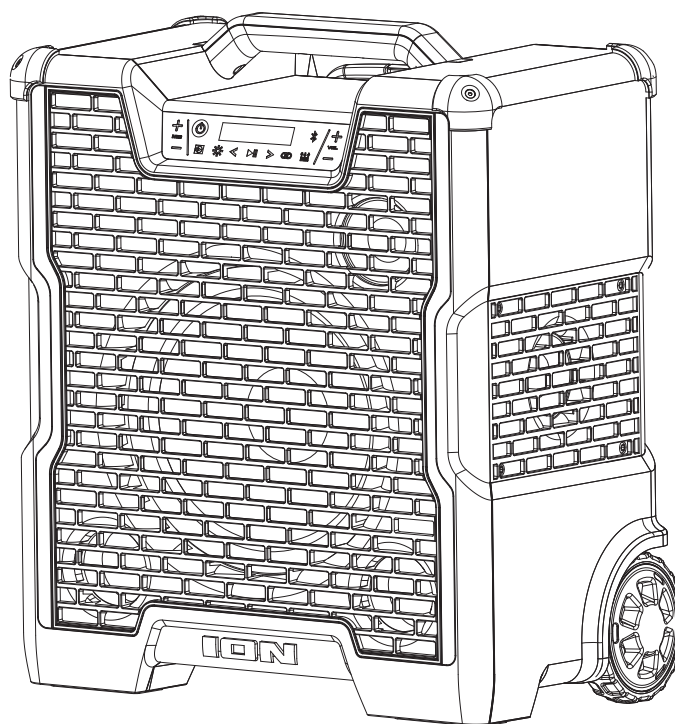


**ION®**

# **BLOCK ROCKER® ICON**



## **User Guide**

**English**



[ionaudio.com/support](http://ionaudio.com/support)

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# INTRODUCTION

Thank you for purchasing the Block Rocker® Icon Speaker. 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.

**Note:** Before you first use the product, please fully charge the batteries. Your unit was purposely shipped with a reduced battery charge to ensure safe transit. For optimal charging, power off the speaker while charging.

Use the included power cable to connect the unit to a power outlet and let it charge for up to 3 hours. This helps ensure the longest life for your battery.

## Box Contents

Block Rocker® Icon

IEC (C13) Power Cable (4.9 ft / 150 cm)

Quickstart Guide

## Support

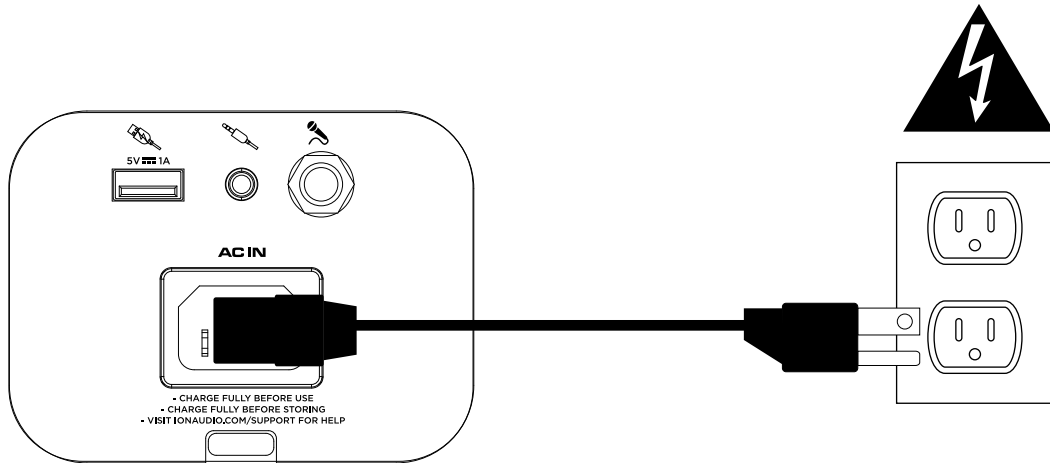
For the latest information about this product (documentation, technical specifications, system requirements, compatibility information, etc.) and product registration, visit [ionaudio.com](http://ionaudio.com).

For additional product support, visit [ionaudio.com/support](http://ionaudio.com/support).



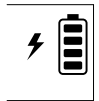
# SETUP

## Charging and Battery Information



For the quickest charging time, power off Block Rocker® Icon and use the included IEC power cable connected to a power outlet. A full charge can take up to 3 hours.

The **lightning bolt** icon on the display will light up when Block Rocker® Icon is connected to a power source and charging. The **battery icon** will fill to display the battery life percentage. When charging is complete, the lightning bolt icon will disappear, and the battery icon will be completely filled.



Here are some recommendations for getting the longest life from the internal battery.

**General Usage**

Fully charge the battery before using it.

Avoid full discharge of the battery if possible. Li-Ion batteries are maintenance-free, and the battery will last longest when operating between 30 and 80 percent charged.

Do not use the product while charging the battery.

Do not charge the battery in exceedingly hot (greater than 90°F/32°C) or exceedingly cold (less than 32°F/0°C) temperatures.

**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.

For best product longevity, store product with a 50% battery charge.

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, contact ION Audio at [ionaudio.com](http://ionaudio.com).

**Disposal**

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

## Outdoor Use and Care

Though Block Rocker® Icon is IPX5 water-resistant and able to tolerate splashing water, please review the tips below to get the best performance from your Block Rocker® Icon:

- Bring Block Rocker® Icon indoors during extreme weather.
- Please do not place Block Rocker® Icon in standing water.
- Please do not connect the power adapter to a Block Rocker® Icon in a wet environment. Make sure the power input, power adapter, 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 Start

1. Make sure all items listed in the [Box Contents](#) are included in the box. Look on top of the cardboard insert for the power cable.
2. Make sure all input devices (such as microphones, CD players, or digital media players) are turned off with their volume settings set to “zero.”
3. Switch everything on in the following order:
  - a. Audio input devices (e.g. microphones, instruments, CD players)
  - b. Block Rocker® Icon
4. Adjust the level of your connected devices. Turn audio source (instruments, Bluetooth devices) volume all the way up. If a microphone is connected to the **Mic In**, press the **Mic +/- Buttons** on Block Rocker® Icon to adjust the microphone volume to an appropriate level. Finally, adjust the **Volume +/-** buttons on Block Rocker® Icon to an appropriate level. For a detailed step-by-step process for setting your levels, please refer to the [Balancing Your Levels](#) section on the following page.
5. When you are finished using Block Rocker® Icon, switch everything off in the following order:
  - a. Block Rocker® Icon
  - b. Audio input devices

## Balancing Your Levels

This process shows how you can quickly balance your microphone signal(s) and the signal from your Source Device (Bluetooth, Aux, USB).

1. Press the **Power** button to turn on Block Rocker® Icon. Connect your preferred Bluetooth, Aux device, or USB drive.
2. Using the **Volume +/-** buttons on the speaker, set the volume to around 5 or lower while balancing your levels. This will allow you to set your levels to a clear and audible level without being overpowering. You can adjust it again later once a balance has been achieved.
3. Set the **Mic In** volume using the **Mic +/-** buttons on the speaker. Set the level to 10 as a starting point if you're unsure.
4. Now, set the volume on your Aux source device (Smartphone, tablet, etc.) to 100%. This will guarantee a strong signal.
5. Start playback on your device and adjust the **Volume +/-** buttons on the speaker until it reaches a clear and audible level. If you are using a microphone, set the **Mic +/-** volume level to where you can still hear the microphone above the music.

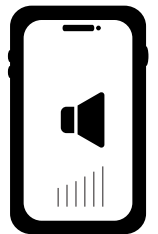
For specific troubleshooting steps, please see the [Troubleshooting](#) section.



VOL



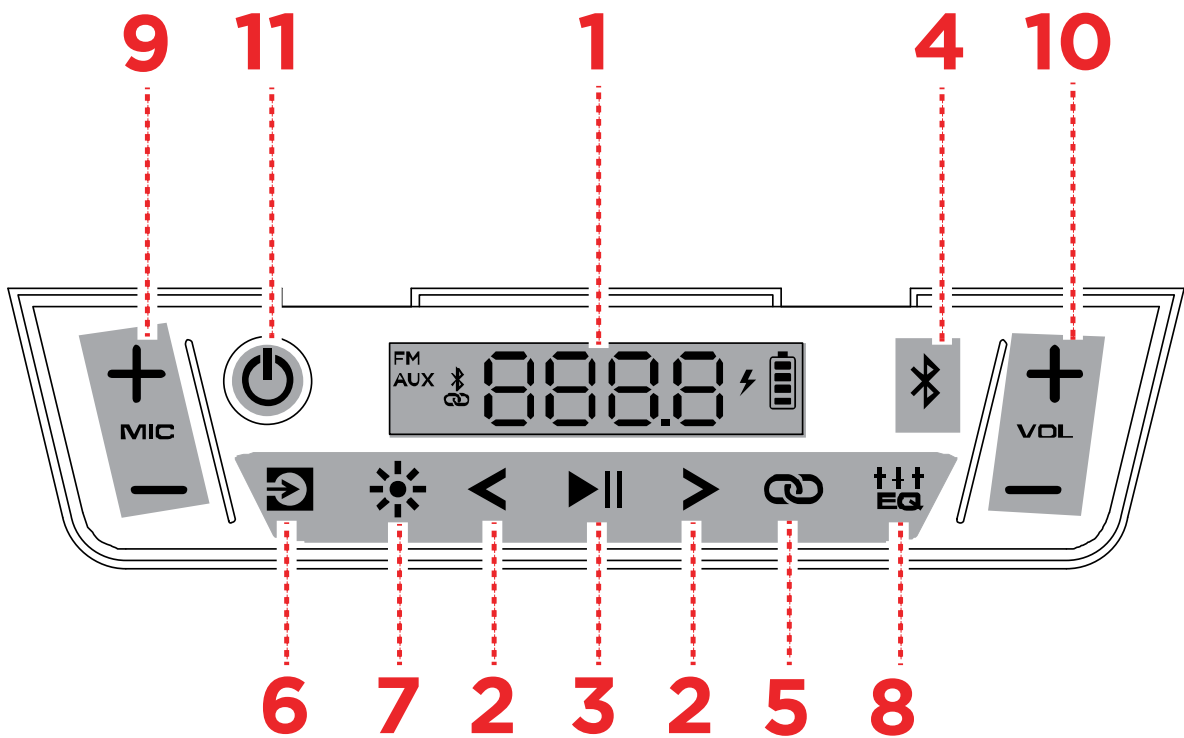
MIC



# FEATURES

## Front Panel

Click a control below to jump to that section.



### 1. Display

This screen shows information relevant to the current operation on Block Rocker® Icon.



**Note:** The Display comes with a plastic protector on it. Remove this for optimal viewing.

- **FM / USB / AUX / LINK icons:** These icons will remain solid on when Block Rocker® Icon is in those modes.
- **Bluetooth icon:** This icon will flash slowly when Block Rocker® Icon is in pairing mode and will remain lit when a Bluetooth device is connected.
- **Charge icon:** This icon will remain lit when the power cable is connected, and the battery is actively charging. When the battery is fully charged, the charge symbol will turn off.
- **Battery icon:** This icon will remain on while being used and when actively charging, even if Block Rocker® Icon is powered off. If Block Rocker® Icon is off and the battery is fully charged, the battery symbol will turn off.

## 2. Previous / Next Buttons

In FM mode, press these buttons briefly to go to the previous or next station. Press and hold these buttons to seek the previous or next strong station.

In Bluetooth and USB modes, press the **Previous** or **Next** button to go to the beginning of the current track or skip to the following track, respectively. Press the **Previous** button again within one second to skip to the previous track.

Press and hold both **Previous / Next** buttons for 5 seconds to reset the speaker to factory defaults.

## 3. Play/Pause Button

Press this button to start and stop Bluetooth or USB audio.

In FM mode, press this button to save and recall radio presets. See [Operation > Using the Radio](#) for more details.

## 4. Bluetooth® Button

Press this button to enter Bluetooth pairing mode. If there is no connection made after 120 seconds, Bluetooth pairing will stop searching. When connected to a Bluetooth device, press and hold this button to disconnect a paired device and re-enter pairing mode. Once disconnected, press this button to re-pair to the last connected device. See [Operation > Pairing a Bluetooth® Device](#) to learn how to connect a Bluetooth device.

## 5. Stereo-Link™ / Repeat Button

Double press this button to start stereo-linking to another Block Rocker® Icon. See [Operation > Linking Two Speakers](#) for more details.

In USB mode, press this button to change the playback mode. See [Operation > USB Mode](#) for more details.

## 6. Source Button

Press this button to cycle between FM, USB (when inserted), Bluetooth, and Aux modes. The current mode will be shown on the **Display**.

In radio mode, single press the **Bluetooth** button to turn off the radio and switch to Bluetooth playback.

## 7. Lights Button

Press this button to cycle through the light modes. See [Operation > Light Modes](#) for more information. For the best lighting effect, you may need to adjust the volume of your device and/or the Source volume.

## 8. EQ Button

Press this button to cycle through the Low, Mid, and Hi EQ frequencies. Then press the VOL +/- buttons to adjust the EQ frequency settings from -12 to +12.

## 9. Mic +/- Buttons

Press these buttons to adjust the microphone volume.

**TIP:** For proper audio level mixing tips for Mic and other Source volumes, see the section [Balancing Your Levels](#).

## 10. Volume +/- Buttons

Use these buttons to raise and lower the volume of the Bluetooth, USB, radio, or aux input from 0-16. Press and hold a button to raise or lower the volume quickly.

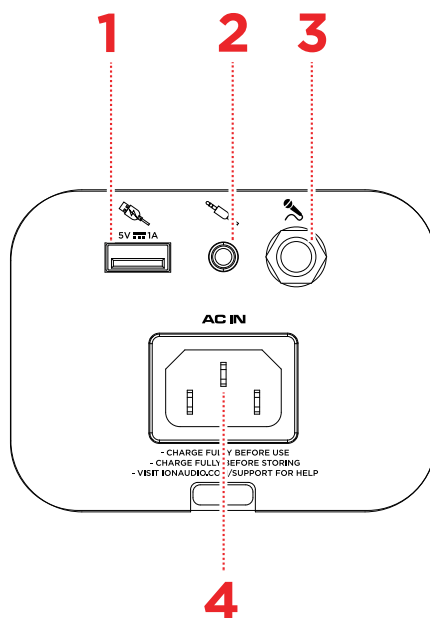
## 11. Power Button

Press and hold this button to turn Block Rocker® Icon on and off. Double press this button to enable or disable voice prompts.

**Note:** After 15 minutes of being in an idle state, the speaker will go into low power mode. Press any button to wake it up. The speaker will maintain a Bluetooth connection if the device is still within range. After 40 minutes with no audio playing, the speaker will power down completely. In this state, the power button will need to be used to turn the speaker back on.

## Rear Panel

**Note:** Pull the tab on the protective rubber panel to release it and access the rear panel port.



### 1. USB Charge/Playback Port

You can use this port for charging a USB device, such as a tablet or smartphone. To charge a device that is streaming music via Bluetooth, pause the music first and then wait for it to reconnect after the USB cable is inserted.

Connect your USB flash drive here to play music. Use the **Volume +/-** buttons to adjust the volume. Press the **Stereo-Link™ / Repeat** button to cycle through the five repeat/shuffle options. See the section [USB Mode](#) for more details.

**Note:** Your USB drive cannot be more than 128 GB and it must contain playable MP3 files in order for its data to appear properly in the Display. When you connect a USB drive with MP3 files, Block Rocker® Icon will order the files alphabetically by folder on the root directory and then by track name in the folder.

### 2. Aux In

Connect a CD player, MP3 player, or other audio source to this 1/8" (3.5 mm) input. Press the **Source** button to exit AUX mode or unplug the cable connected to the Aux input.

### 3. Mic In

Connect a microphone (not included) into this into using a 1/4" (6.35 mm) cable. Turn the mic on if it has a power switch. Press the **MIC +/-** buttons to control the mic volume.

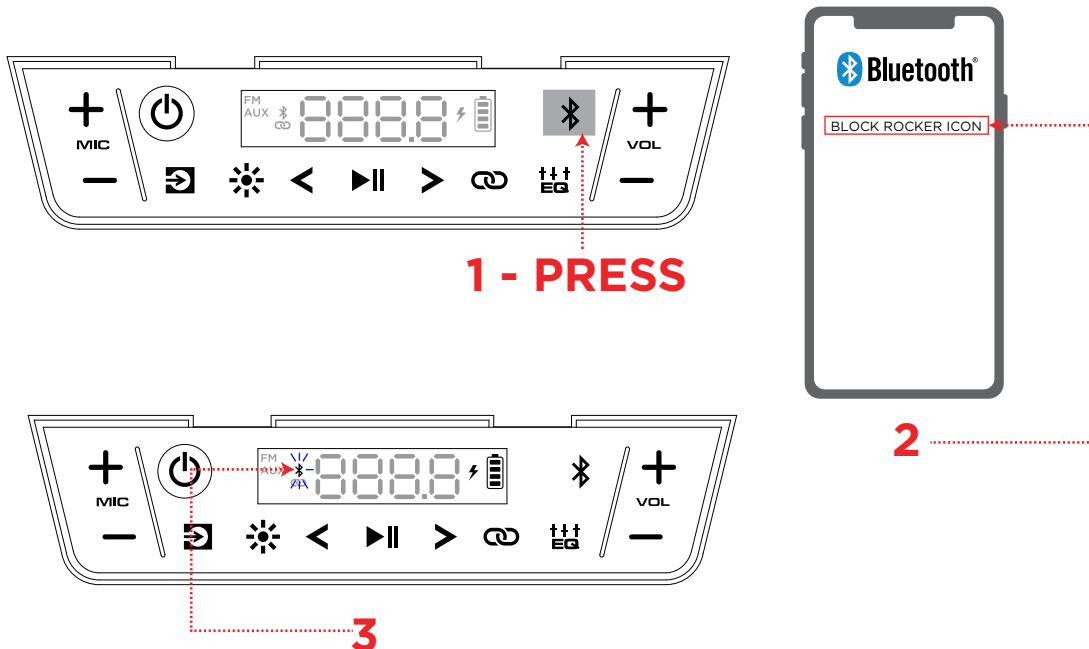
### 4. Power Input

Connect the included power cable here to charge the speaker.



# OPERATION

## Pairing a Bluetooth® Device



1. Turn on your Bluetooth device.
2. Turn on Block Rocker® Icon by holding down the **Power** button for 2 seconds. When the unit is first turned on, it will automatically enter Bluetooth pairing mode. If necessary, press the **Bluetooth** button to select Bluetooth mode. The Bluetooth icon on the display will flash to indicate the speaker is ready to pair and you will hear “Bluetooth Pairing” if voice prompts are enabled.
3. Navigate to your device’s Bluetooth setup screen, find **BLOCK ROCKER ICON**, and connect. The **Bluetooth icon** will appear in the display, and if voice prompts are enabled, you will hear “Bluetooth Connected”. If after 90 seconds if there is no connection, the speaker will stop searching for a Bluetooth device and enter AUX mode.

**Note:** If you have previously connected to a Bluetooth device, Block Rocker® Icon will reconnect automatically.

**Note:** If your Bluetooth device prompts for a pairing code, enter “0000”.

To disconnect a paired device, do any of the following:

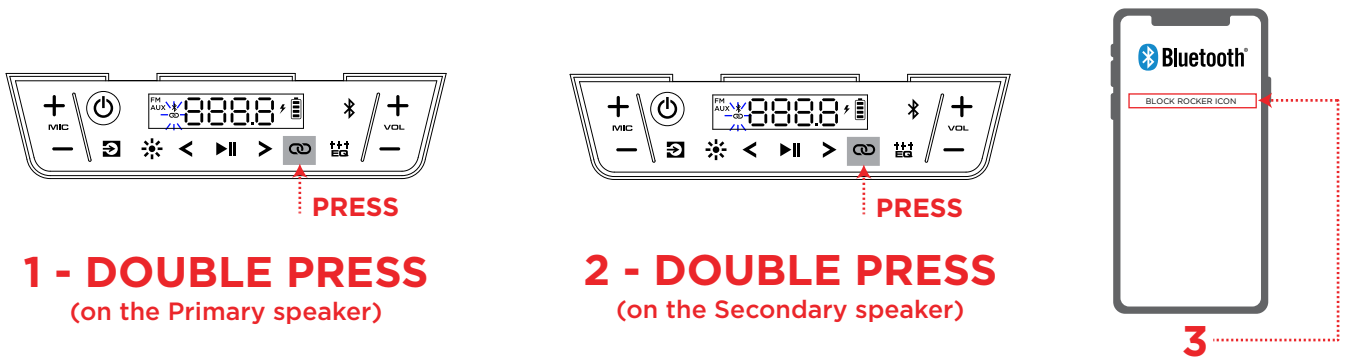
- Turn off Bluetooth from your device’s Bluetooth settings. The speaker will enter Bluetooth pairing mode to make it available for another device.
- Press and hold the Bluetooth button to disconnect and re-enter pairing mode. The device will now be erased from memory and won’t automatically reconnect.

Once you have disconnected, you will hear “Bluetooth Disconnected” if voice prompts are enabled.

**Tip:** Double press the **Power** button to turn voice prompts on or off.

## Linking Two Speakers

If you would like to play music from a Bluetooth device, you can first “link” two Block Rocker® Icon speakers together in order to listen to your music in stereo. One Block Rocker® Icon will serve as the left speaker and the other will serve as the right speaker.



To link two Block Rocker® Icon speakers together:

**Note:** When you begin the Stereo-Link™ process, any connected Bluetooth devices will be automatically disconnected. You can also disconnect your device prior to beginning by pressing the **Bluetooth** button.

1. Double press the **Stereo-Link™ / Repeat** button on both speakers to enter Stereo-Link™ mode. This first unit pressed will be the primary speaker (Left channel).

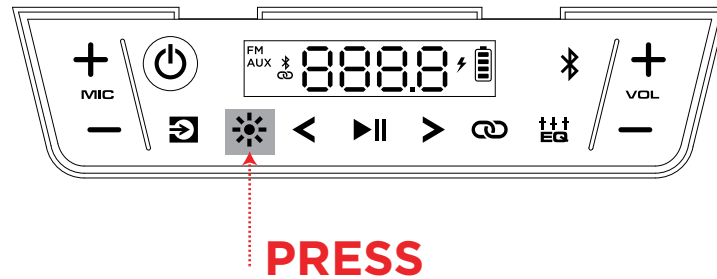
**Note:** The linking process can take up to 30 seconds to complete. Speakers should be within 50' (15 m) of each other to properly link. The closer the two speakers are, the quicker the link is established.

2. Once the speakers are linked, the primary speaker will automatically enter Bluetooth pairing mode. Navigate to your device's Bluetooth settings screen, find **BLOCK ROCKER ICON**, and connect. When the connection is successful, you will hear "Bluetooth Connected" from the primary speaker (if voice prompts are enabled). When audio playback begins, you should hear it through both speakers. The primary speaker will play the left channel while the secondary speaker plays the right channel. Playback controls are active on both speakers.

To disconnect two speakers or cancel linking between the two, double press the **Stereo-Link™ / Repeat** button on one Block Rocker® Icon. You will hear "Bluetooth Disconnected" from the primary speaker to indicate the link has been broken (if voice prompts are enabled.)

**Note:** Press and hold the **Power** button on each speaker while in Stereo-Link™ mode to power off the connected speakers. Block Rocker® Icon speakers powered off in Stereo-Link™ mode will automatically enter Stereo-Link™ mode the next time they are powered on and begin searching for secondary speakers to connect to.

## Light Modes



When the speaker is first powered on, the side LEDs will send red lights from the bottom to the top, lighting up all LEDs. The effect will hold for 2 seconds and then fade out. Then all LED's will fade in and out until a Bluetooth device is connected to the speaker. When paired, all lights will flash blue 2 times.

Press the **MIC +/-** or **VOL +/-** buttons to have the lights increase from top to bottom to show how loud the music or mic volume is. The Mic Volume color will be yellow and the Music Volume color will be red.

Press the **Light** button repeatedly to toggle between one of the light modes below. Press and hold **Light** Button for 3 seconds to switch to Utility Mode (white light only). Single press the **Light** button again to return to the previously selected light mode.

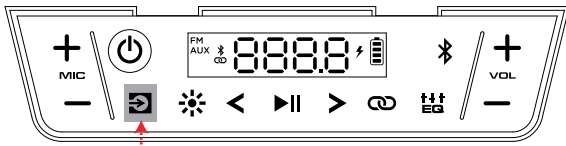
**Note:** For the best lighting effect, you may need to increase the volume of your connected device or input source.

The LED light modes are:

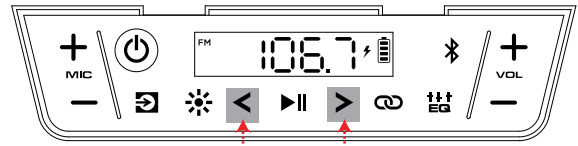
- **Falling Rainbow – Beat Sync:** A section of the color spectrum will flow downward through the side lights. The speed is based on the intensity of the bass frequencies. Low/No Bass = slow speed, Some Bass = average speed, High Bass = fast speed.
- **Starlight Effect – Beat Sync:** Randomly selected LEDs in all zones flash a random color based on the bass frequency volume and slowly fade away. Low Bass = Less Stars, High Bass = More Stars.
- **Fire Pit:** The side lights simulate the up and down movement of a fire.
- **EQ Volume – Beat Sync:** The LEDs react to bass frequencies going up and down with the music and the color fading throughout the color spectrum. Low/No bass = slow speed, Some Bass = average speed, High Bass = fast speed.
- **Bouncing Stars:** The side LEDs will bounce up and down and fade up through the color spectrum.
- **Stacking Mode:** Light drops fall down stacking up on each other until the color reaches the top of the speaker. Once the light fills up the LEDs completely, the next color in the spectrum will begin and repeat the process.
- **Horizontal Waves:** Three waves of one color flow down. After three waves have gone from the top to the bottom, a new set of waves in the next color will appear. Waves speed up or slow down based on bass frequency volume. High Bass = fast speed, Medium Bass = average speed, Low Bass/No Bass = slow speed.
- **Color Cycle:** The side lights will show the same color while cycling through the color spectrum.

- **Static Color:** The speaker will display one color that is selected from the ION app. If a color is not selected, it will default to blue.
- **Random:** Cycles through the light modes, changing every 3 - 5 seconds. Static Color and Utility Mode is not included in the random cycle.
- **Utility Mode:** All LEDs light up solid white.
- **Off:** All LEDs are off.

## Using the Radio



**PRESS**



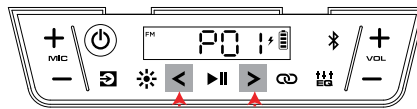
**PRESS - Previous / Next Station**  
**HOLD - Seek**

To use the radio, press the **Source** button so that **FM** is selected and shown on the display.

While in FM mode, briefly press the **Previous** and **Next** buttons (</>) to move to the previous or next station. Press and hold the </> buttons to seek for the next strongest station in that direction.



**1 - HOLD**



**2 - PRESS - Select Preset**



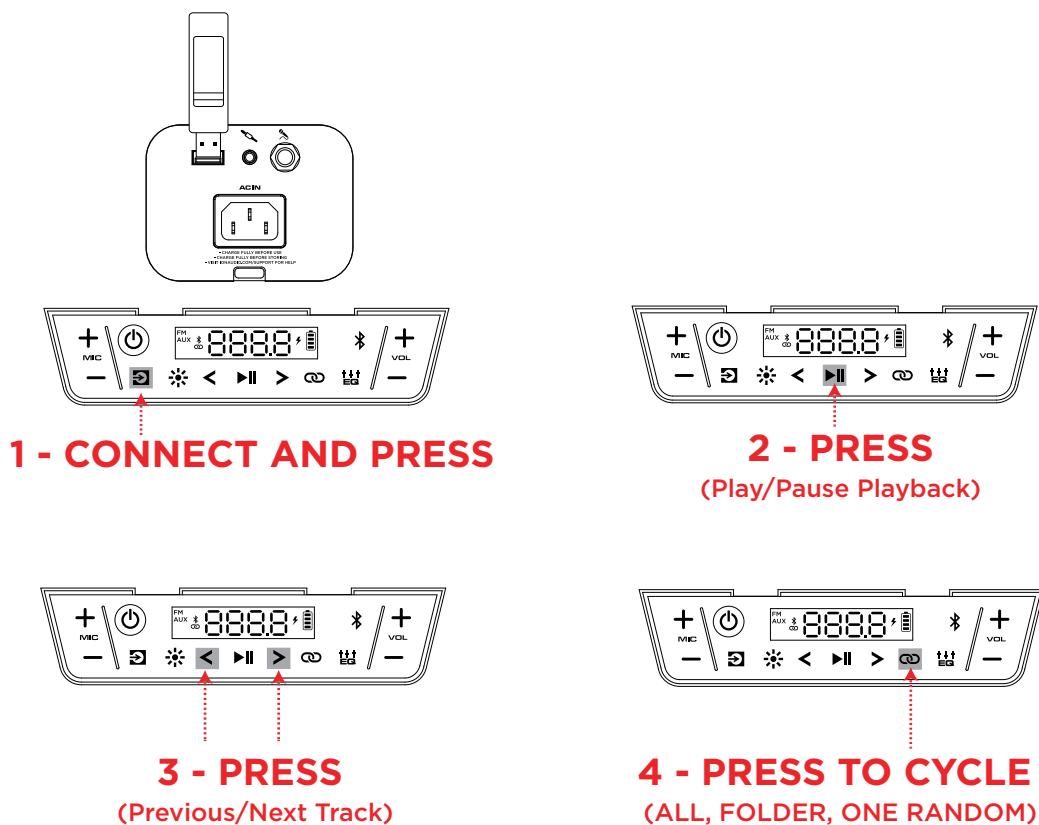
**3 - PRESS**

To save a radio station as a preset:

1. Press and hold the **Play/Pause** button.
2. Use the </> buttons to select a preset number, 1-12, shown on the display.
3. When you have selected the desired preset number, quickly press and release the **Play/Pause** button again to save it.

To recall a previously saved preset, press and release the **Play/Pause** button to cycle through the saved presets.

## USB Mode



When a USB drive with compatible files is inserted into the **USB Charge/Playback Port**, Block Rocker® Icon will automatically switch to USB mode. If the USB drive has already been inserted and you are using another mode, press the **Source** button until USB mode is selected.

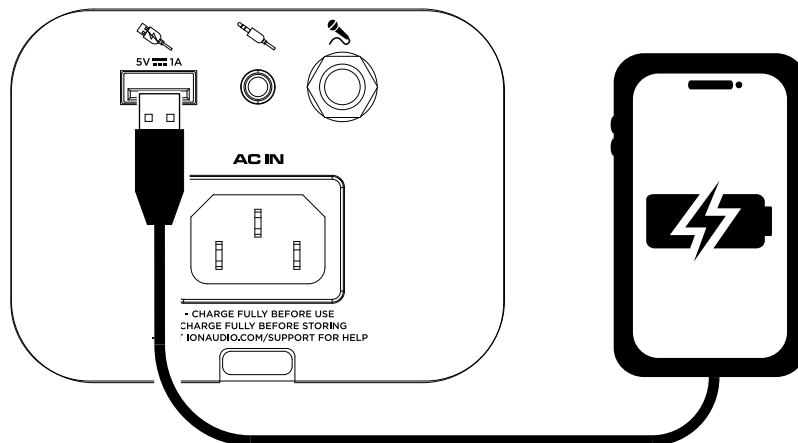
Block Rocker® Icon will automatically play the first compatible MP3 file. Files are played in alphabetical order of what is on the root level, then alphabetical by folder, and then alphabetical by track name. Media playback will stop when all media has been played on the USB drive. Press the **Next** and **Previous** (</>) buttons to go to the next or previous track. Press and hold these buttons to fast forward or rewind within the track.

**Note:** The USB drive must have playable MP3 files for it to appear on the media panel's display.

With each press of the **Stereo-Link™ / Repeat** button the following Repeat settings will cycle through on the display:

- Play the current USB track on repeat (**OnE**). This is the default mode when powered on.
- Play the tracks in random order (**rAn**).
- Play all the tracks on the USB drive on repeat (**ALL**).
- Play the current folder's tracklist on repeat (**FOLd**). The folder used is based on what song is playing when it is activated. For instance, if a song playing is on the root level, selecting **FOLd** will repeat only songs at the root level. If a song is in folder "A", then only songs in folder "A" will be repeated.

## Using the USB Charge Port



### To use the USB charge port:

1. Connect a USB type-A cable to the **USB Charge Port** on the front panel of your Block Rocker® Icon speaker (see image).
2. Connect the other end of the cable to the charging input on your smartphone, tablet, or other compatible device.

## App Control

**IMPORTANT:** To ensure the best possible experience with the app, use the most current Android OS or iOS on your device.

Follow these steps to download the free app on your device:

1. Open the Apple App Store or Google Play on your device. Then, search for the **ION Sound Control™** app.
2. Follow the on-screen instructions to download and install the app. Once downloaded, the **ION Sound Control™** app will appear on your device's home screen.
3. Connect your device to Block Rocker® Icon via Bluetooth. See [Operation > Pairing a Bluetooth® Device](#) to learn how to do this.
4. Open the ION Sound Control™ app. If prompted, allow the app to access your device's Bluetooth and Location Services.
5. Follow the steps on screen to find and connect to your Block Rocker® Icon. Once connected, you can control various functions of the speaker, such as:
  - **Speaker and Mic Volume:** Adjust the volume of the speaker and the Mic input.
  - **FM Radio Presets:** Select from previously saved radio station presets and also save radio presets.
  - **EQ:** Adjust the speaker's equalization.
  - **Lights:** Change the light modes.
  - **Voice Prompts:** Enable or disable the voice prompts.
  - **Battery Life:** Check the speaker's battery life status.
  - **Over-The-Air Firmware Updates:** Stay up to date with the latest firmware installation.
  - **Support:** Visit [ionaudio.com](http://ionaudio.com), contact Technical Support, and view Warranty information and Frequently Asked Questions.



# TROUBLESHOOTING

**If the sound is distorted:** You may need to adjust the levels of your sources and Block Rocker® Icon for proper mixing.

- i. First, turn your source volume all the way up.
- ii. Finally, adjust the **Volume +/- buttons** to get an appropriate level.

If the sound is still distorted, try lowering the volume control of your sound source, then use the **Volume +/- buttons** on Block Rocker® Icon to lower the sound.

**If the unit is not charging:** Make sure the power cable is properly connected to the power input and the power outlet.

**If the sound is distorted:** Try lowering the volume control of your sound source.

**I hear a hum when cables are connected:**

- Disconnect cables from the input jacks to see if it's a faulty cable.
- Make sure the signal cables are not placed near power cables.
- Connect all audio equipment power cables to outlets which share a common ground.

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

**If you can't hear the microphone over the music volume:** Turn down the music volume from your source or increase the microphone volume using the **Mic +** button.

**If you cannot connect your audio device to Block Rocker® Icon via Bluetooth:**

- Have your audio device (e.g., smartphone or tablet) and Block Rocker® Icon as close together as possible while trying to connect. Make sure both the audio device and Block Rocker® Icon are unobstructed by walls, furniture, etc.
- Press and hold the **Bluetooth** button to disconnect Block Rocker® Icon from any other audio device and restart the search process. If this does not work right away, power off Block Rocker® Icon and then power it back on. See [Operation > Pairing a Bluetooth® Device](#) for more information.
- Reset the Bluetooth connection on your audio device by turning Bluetooth off and back on. You can find this under the Bluetooth menu in the Settings for your phone or other audio device.

If this does not work, and you have connected to Block Rocker® Icon before, find Block Rocker® Icon in the list of available or previously connected devices in your audio device's Bluetooth menu, tap the "gear" or "i" icon located next to it and then select **Unpair** or **Forget**. Turn Block Rocker® Icon off and back on and try pairing again once it reappears in your available devices list.

**Note:** If Block Rocker® Icon has been paired to another audio device recently that is still within range, you may need to repeat this process with that audio device to fully disconnect.

**If you experience audio dropouts while playing music from a Bluetooth device,** this may be happening because your unit is trying to link to another speaker. This can occur if you power off a speaker that was linked to your unit or if you have just turned on your unit and it is in Stereo-Link™ mode. To stop the audio dropouts, exit Stereo-Link™ mode by double-pressing the **Stereo-Link™ / Repeat** button. Alternatively, you can wait for your unit to link to another speaker if there is one within range.

Press and hold both **Previous / Next** buttons for 5 seconds to reset the speaker to factory defaults.

# APPENDIX

## Technical Specifications

<b>Output Power</b>	180 W (peak)
<b>Speakers</b>	<b>Low Frequency:</b> 10.0" (254 mm) woofer <b>High Frequency:</b> 3.0" (76.2 mm) tweeter <b>Full-Range Driver (sides):</b> (2) 3.0" (76.2 mm)
<b>Water Resistance</b>	IPX5
<b>Frequency Response</b>	40 Hz - 20 kHz (-10dB)
<b>USB</b>	<b>Supported File System:</b> FAT32 <b>Supported File Types:</b> MP3 <b>Maximum File Size:</b> 4 GB <b>Maximum USB Storage Size:</b> 128 GB
<b>Bluetooth</b>	<b>Profile:</b> A2DP, AVRCP <b>Bluetooth Version:</b> 5.2 <b>Range:</b> Up to 100 ft. (30.5 m) * <b>Stereo-Link™ Range:</b> Up to 75 ft. (22.9 m) between speakers
<b>Battery</b>	<b>Capacity:</b> 11.1 V/6000 mAh, 66.6 Wh <b>Battery Life:</b> Up to 30 hours ** <b>Charge Time:</b> Up to 3 hours
<b>Power</b>	<b>Cable:</b> IEC (C13) Power Cable <b>Input Voltage:</b> 100-240 V~, 50/60 Hz, 100 W
<b>Dimensions</b> (width x depth x height)	16.93" x 11.02" x 20.0" / 430 x 280 x 508
<b>Weight</b>	22.51 lbs. / 10.21 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 so it is unobstructed by walls or furniture and is raised off the ground.

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

## Trademarks & Licenses

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[ionaudio.com](http://ionaudio.com)