



## **ROAD ROCKER**

**QUICKSTART GUIDE**  
ENGLISH ( 3 – 5 )

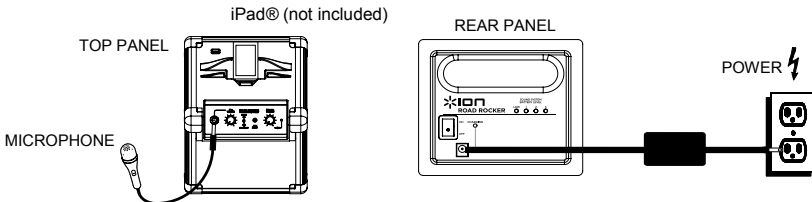
# QUICKSTART GUIDE (ENGLISH)

1. Make sure all items listed on the front of this guide are included in the box.
2. **READ SAFETY INSTRUCTION BOOKLET BEFORE USING THE PRODUCT.**
3. **MAKE SURE THAT YOU HAVE COMPLETELY CHARGED THE BATTERY PRIOR TO FIRST USE FOR MAXIMUM BATTERY LIFE.**
4. Study this setup diagram.
5. Place product in an appropriate position for operation.
6. Make sure all input devices such as microphones, CD players, or mp3 players are turned off and volume settings are set at "zero."
7. Connect all devices as shown.
8. Switch everything on in the following order:
  - audio input sources (i.e. microphones, instruments, CD/MP3 Players)
  - ROAD ROCKER
9. When turning off, always reverse this operation:
  - ROAD ROCKER
  - last, any input devices

## BOX CONTENTS

- ROAD ROCKER
- Power Cable
- Quickstart Guide
- Safety Instructions & Warranty Information Booklet

Go to <http://www.ionaudio.com> for product registration.



## 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.**
- **AVOID COMPLETELY DRAINING THE BATTERY.**
- You may leave the unit plugged in for up to two weeks.
- For maximum life, drain the battery 80% once a month.

### STORAGE

- Avoid storing in high temperatures and moist places.
- For long-term storage, periodically recharge the battery.
- If you do not charge the battery for six months, it may not charge.

### REPAIR

- As the battery nears the end of its life, it may lose its ability to recharge. If this occurs, contact your local authorized ION Audio service center.
- Do not attempt to service, modify, or replace the battery yourself.

### DISPOSAL

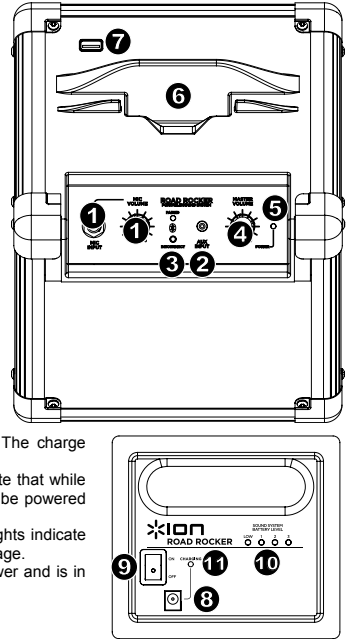
- Bring the unit to a recycling center or dispose of in accordance with local ordinances.

iPad is a trademark of Apple Inc., registered in the U.S. and other countries.



## DIAGRAM AND PARTS DESCRIPTION

- Instrument / Microphone Input with Volume Control (1/4")** – This mono input accepts a 1/4" input such as a microphone, guitar, or other musical instrument.
- Auxiliary input** – This stereo 1/8" input can be used to connect a CD player, MP3 player, or other audio source.
- Bluetooth®** – The **Paired LED** will be lit when a device is paired to ROAD ROCKER. This LED will not be lit when ROAD ROCKER is first powered on (unless it was previously paired with a device). Press the **Disconnect** button to disconnect a connected Bluetooth device.
- Master Volume Control** – This knob controls the master volume of the ROAD ROCKER.
- Power LED** – Indicates whether ROAD ROCKER is on or off.
- Device Cradle** – Place iPad/iPod touch/iPhone® or other devices here to be held.
- Dock Charge** – Connect your own device's charge cable here to charge the device.  
**Note:** Users with iPad (3<sup>rd</sup> Gen) may experience slower charging. We recommend charging with the screen locked when using iPad (3<sup>rd</sup> Gen).  
**Note:** Dock charging for your device is only possible when ROAD ROCKER is plugged into wall power.
- Power Cable Input** – Insert the included power cable here to charge the unit. Note that the ROAD ROCKER can run off the power adapter (9v DC 2A pin positive) while it simultaneously charges the battery. The charge indicator illuminates when the battery is charging.
- Power ON/OFF Switch** – Turns ROAD ROCKER on or off. Please note that while ROAD ROCKER is connected to a power source, it does not need to be powered on to charge the battery.
- Battery Level Indicator** – While the unit is powered ON, these four lights indicate the power left in the battery. Battery life varies based on volume and usage.
- Charging LED** – This illuminates when the unit is attached to wall power and is in the process of charging.



## IMPORTANT NOTES

Use this troubleshooting guide if:

### The sound is distorted at high volumes.

**The sound is distorted:** Try lowering the volume control of your sound source or music instrument. Also, try to reduce the overall volume of ROAD ROCKER.

**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.

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

## PAIRING A BLUETOOTH DEVICE

- Turn on your Bluetooth device.
- Power on ROAD ROCKER and it will automatically go into pairing mode to search for Bluetooth devices.
- Navigate to your Bluetooth device's setup screen, find "ION Speaker" and connect.
- ROAD ROCKER LED will light up solid when it is 'paired'.
- To disconnect pairing, press the 'Disconnect' button on ROAD ROCKER.
- To connect to another Bluetooth device, repeat steps 3-4.

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

**Note:** If your Bluetooth device is not able to pair to the amp, press the disconnect button on the amp to break previous Bluetooth connections and reset the Bluetooth module.

**Note:** You can pair with an iPhone, iPad, computer, or Android® device equipped with Bluetooth that supports A2DP. Android users should consider updating their OS if experiencing trouble with pairing or playing music.

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

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*Android is a trademark of Google Inc.*

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## SPECIFICATIONS

**Input Voltage:**

**Power Adapter** - 9V DC, 2A, Center pin positive, tip negative.

**Battery** - 6V, 2.6AH

**Input Wattage:** 15W when USB charging is not being used, 20w when USB charging is being used.

**Output Wattage:** 8W

**Frequency Response:** ( $\pm 3\text{dB}$ ); 186hz -16khz; (Aux) 98hz -17khz

**Time required to fully charge the ROAD ROCKER:** 5 hours

**Battery life:** Over 6 hours\* at full volume when ROAD ROCKER is fully charged.

**USB charging:** Up to 5v.


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

## IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all Instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachment/accessories specified by the manufacturer.
12. Use only the cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Power Sources - This product should be connected to a power supply only of the type described in these operating instructions, or as marked on the unit.
16. Internal/External Voltage Selectors - Internal or external voltage selector switches, if any, should only be reset and re-equipped with a proper plug for alternative voltage by a qualified service technician. Do not attempt to alter this yourself.
17. Water and Moisture - This product should be kept away from direct contact with liquids. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
18. **CAUTION** – Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type. Batteries (a battery pack or an installed battery) shall not be exposed to excessive heat such as sunshine, fire, etc.
19. Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
20. Protective earthing terminal: The apparatus should be connected to a mains socket outlet with a protective earthing connection.
  - a. Finland (Suomi): Laite on liitettävä suojamaadoituskoskettimilla varustettuun pistorasiaan.
  - b. Norway (Norge): Apparatet må tilkoples jordet stikkontakt.
  - c. Sweden (Sverige): Apparatens skall anslutas till jordat uttag.
21. Do not install this equipment in a confined or "boxed-in" space such as a bookcase or similar unit, and maintain good ventilation conditions. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, tablecloths, curtains, etc.
22. This apparatus is for professional use only.
23. When moving or not using the appliance, secure the power cord (e.g., wrap it with a cable tie). Be careful not to damage the power cord. Before using it again, make sure the power cord has not been damaged. If the power cord has been damaged at all, bring the unit and cord to a qualified service technician for repair or replacement as specified by the manufacturer.
24. Do not place any open or exposed flame sources (such as lighted candles) on the apparatus.
25. When disposing of the battery, follow the laws and environmental regulations of your region.
26. **WARNING:** Excessive sound pressure (high volumes) from headphones can cause hearing loss.
27. **WARNING:** Please refer to any important information (e.g., electrical, safety, etc.) printed on the exterior bottom enclosure or rear panel before installing or operating the product.



## SERVICE INSTRUCTIONS

- Disconnect power cord before servicing.
- Replace critical components  only with factory parts or recommended equivalents.
- For AC line powered units – Before returning repaired unit to user, use an ohmmeter to measure from both AC plug blades to all exposed metal parts. The resistance should be more than 2,000,000 ohms.

## SAFETY NOTICES

**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE ANY COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.



**DANGEROUS VOLTAGE:** The lightning flash with arrowhead symbol within the equilateral triangle is intended to alert the user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



SA 1966

**INSTRUCTIONS:** The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying this appliance.



SA 1966

**WARNING:** To reduce the risk of fire or electrical shock, do not expose this appliance to rain or moisture. Electrical equipment should NEVER be kept or stored in damp environments.

**CAUTION (for U.S.A. & CANADIAN models only):** TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

**NOTICE CONCERNING LASER PRODUCTS: DANGER:** INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK FAILED OR DEFEATED. AVOID DIRECT EXPOSURE TO BEAM. USE OF CONTROLS OR ADJUSTMENTS OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

### **NOTICE CONCERNING FCC REGULATIONS:**

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

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.
- Move this unit.
- Increase the separation between the equipment and receiver.
- Plug this unit into a different outlet so that it is on a different circuit from the other equipment.
- Be sure that all cables are properly shielded, using a choke or ferrite where appropriate.
- Consult the dealer or an experienced radio/television technician for help.

**FCC ID: Y40-IPA14:** 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 UNDESIRE OPERATION.

**FCC Radiation Exposure Statement:** This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.



**ESD / EFT Warning:** This unit may contain a microcomputer for signal processing and control functions. In very rare situations, severe interference, noise from an external source, or static electricity may cause it to lock up. In the unlikely event that this should happen, turn off the unit, wait at least five seconds, and then turn it back on again.

In an environment with radio frequency interference, the unit may malfunction and resume normal operation after removal of the interference.

*For best audio quality, avoid using this device in a high RF-radiated environment.*

This unit does not exceed the Class B limits for radio noise emission from digital apparatus set out in the radio interference regulations of the Canadian Department of Communications.

For 240-volt use in U.K., use NEMA-style 240-volt plug. For other countries use proper plug for local outlet.

**DOUBLE INSULATED** – When servicing use only identical replacement parts.

### **Correct Disposal of this product:**

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.



### **VERY IMPORTANT:**

- Do not use excessively long cables (i.e. over 32ft/10m).
- Under rare circumstances, if this product is exposed to electromagnetic interference during use, there may be a slight drop in signal-to-noise ratio.
- Intended electromagnetic environments: residential, commercial, light industrial, urban outdoors.