



QUICKSTART GUIDE
ENGLISH



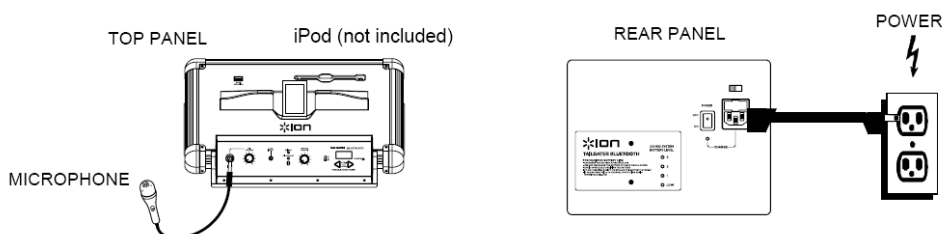
QUICKSTART GUIDE (ENGLISH)

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)
 - TAILGATER
9. When turning off, always reverse this operation:
 - TAILGATER
 - last, any input devices

BOX CONTENTS

- Battery Powered Amplifier
- (1) Microphone with mic cable
- (1) Power Cable (standard IEC)
- 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.

*iPod, iPhone and iPod touch are trademarks of Apple Inc.

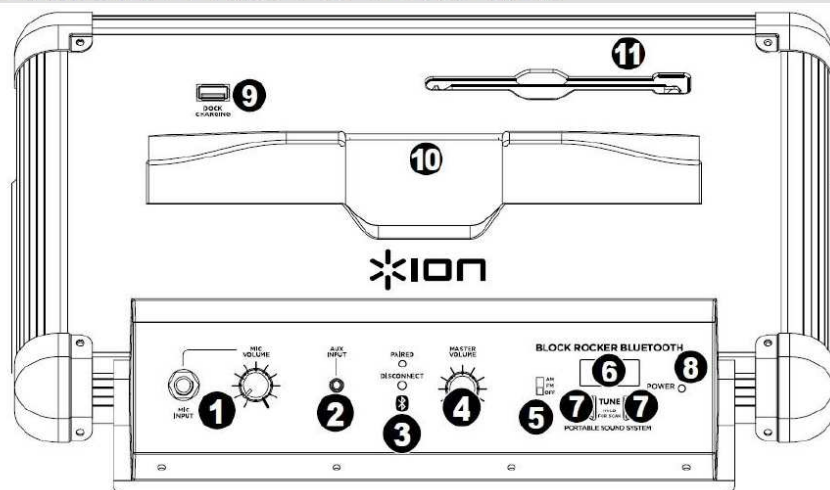
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***Android is a trademark of Google Inc.

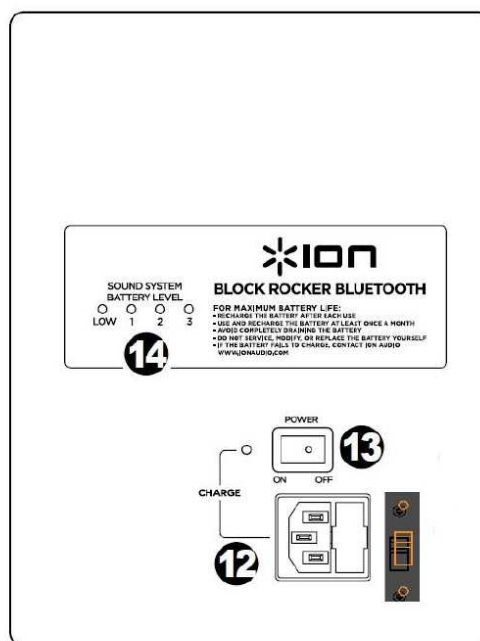
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DIAGRAM AND PARTS DESCRIPTION



1. **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.
2. **Auxiliary input:** This stereo 1/8" input can be used to connect a CD player, MP3 player, or other audio source.
3. **Bluetooth:** The **Paired** LED will be lit when a device is paired to BLOCKROCKER. This LED will not be lit when BLOCKROCKER is first powered on (unless it was previously paired with a device). Press the **Disconnect** button to disconnect a connected Bluetooth device.
4. **Master Volume Control:** This knob controls the master volume of the BLOCKROCKER.
5. **Radio Selector:** This switch sets the radio to AM or FM or turns the radio off. (*Note: This switch does not turn the unit's power off – just the radio.*)
6. **LCD:** Displays the current radio station.
7. **Tuner:** Use these buttons to search for a radio station. To "scan" (jump to the next available station), hold this down for a few seconds until it starts to seek a station.
8. **Power LED:** Indicates whether BLOCKROCKER is on or off.
9. **Dock Charge:** Connect iPad/iPod touch/iPhone here to charge it.
10. **iPod Cradle:** Place iPad/iPod touch/iPhone here to be held by BLOCKROCKER.
11. **Antenna:** Adjust this telescoping FM antenna to get the best radio reception.
12. **Power Cable Input (IEC):** Insert the included power cable here to charge the unit. Note that the BLOCKROCKER can run off the power adapter while it simultaneously charges the battery. The charge indicator illuminates when the battery is charging.
13. **Power ON/OFF Switch:** Turns BLOCKROCKER on or off. Please note that while BLOCKROCKER is connected to a power source, it does not need to be powered on to charge the battery.
14. **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.





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 BLOCKROCKER.

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

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

Note: You can pair with a smartphone, iPhone, iPad, computer, or Android*** device equipped with Bluetooth that supports A2DP.

SPECIFICATIONS

Input Voltage: AC 120V/ 60Hz

Input Wattage: 50W

Output Wattage: (RMS) 18W, 1%THD, (Peak) 22W

Frequency Response ($\pm 3\text{dB}$): (Aux) 77Hz-20kHz

Bottom pole mount specifications: Standard Pole Mount found at professional audio retailer:

Depth 80mm (3.15")

Diameter 35.5mm (1.40")

Time required to fully charge the BLOCKROCKER: under 6 hours

Battery life: Over 12 hours at full volume of the BLOCKROCKER when fully charged.

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

Radio Frequency Range:

US:

AM 520 – 1710 KHZ

FM 87.5 – 108 MHZ

EUROPE:

AM 522 – 1629 KHZ

FM 87.5 – 108 MHZ

JAPAN:

AM 520 – 1710 KHZ

FM 75.5 – 90.5 MHZ



WARRANTY FOR U.S.A. PRODUCT PURCHASES

1. **What is covered and for how long?**
ALL PRODUCTS: ION AUDIO warrants to the original purchaser that ION AUDIO's products and all other accessories are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase from an authorized ION AUDIO dealer and continuing for the following period of time after that date for ninety (90) days. ION AUDIO warrants factory-refurbished merchandise to be free of material and operational defects for a period of ninety (90) days from the original date of retail sale. This refurbished merchandise warranty is not transferable.
2. **What is not covered?** This Limited Warranty is conditioned upon proper use of the product by the purchaser. This Limited Warranty does not cover:
 - Damage caused by improper installation or improper connection to any peripheral
 - Damage caused by an external electrical fault
 - Damage from use of parts not manufactured or sold by ION AUDIO
 - Product purchased from anyone other than a ION AUDIO authorized dealer
 - Modifications to product not approved in writing by ION AUDIO
 - Equipment that has the serial number removed or made illegible
 - Normal cosmetic and mechanical wear
 - Damage or loss during transit to an Authorized ION AUDIO Repair Center
 - Units that are purchased and/or located outside of the continental USA
3. **What are ION AUDIO's obligations?** During the applicable warranty period, ION AUDIO will repair or replace, at ION AUDIO's sole option, without charge to the purchaser, any defective component part of the product. To obtain service under this Limited Warranty, purchaser must first contact ION AUDIO and obtain a return authorization number ("RA#"). Purchaser must then return the product to ION AUDIO in an adequate container for shipping, accompanied by purchaser's sales receipt or comparable proof of sale showing the date of purchase, the serial number of the product, and the seller's name and address. To obtain an RA# and assistance on where to return the product, contact ION AUDIO customer service at 401-658-3743. Upon receipt, ION AUDIO will repair or replace the defective products. ION AUDIO may, at ION AUDIO's sole option, use rebuilt, reconditioned, or new parts or components when repairing any product or replace a product with a rebuilt, reconditioned, new or comparable product. Repaired products will be warranted for a period equal to the remainder of the original Limited Warranty on the original product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment become the property of ION AUDIO. If ION AUDIO determines that any product is not covered by this Limited Warranty, purchaser must pay all parts, shipping, and labor charges for the repair or return of such product.
4. **What are the limits on ION AUDIO's liabilities?** THE WARRANTIES GIVEN IN THIS LIMITED WARRANTY, TOGETHER WITH ANY IMPLIED WARRANTIES COVERING ION AUDIO PRODUCTS, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ION AUDIO SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SIMILAR DAMAGES, LOSS OF PROFITS, DAMAGES TO PURCHASER'S PROPERTY, OR INJURY TO PURCHASER OR OTHERS ARISING OUT OF THE USE, MISUSE OR INABILITY TO USE ANY ION AUDIO PRODUCT, BREACH OF WARRANTY, OR NEGLIGENCE, INCLUDING BUT NOT LIMITED TO ION AUDIO'S OWN NEGLIGENCE, EVEN IF ION AUDIO OR ITS AGENT HAS BEEN ADVISED OF SUCH DAMAGES, OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. THIS LIMITED WARRANTY IS THE COMPLETE WARRANTY FOR ION AUDIO PRODUCTS, AND IS GIVEN IN LIEU OF ALL OTHER EXPRESS WARRANTIES. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY OF THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS.

This Limited Warranty allocates risk of product failure between purchaser and ION AUDIO, and ION AUDIO's product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of ION AUDIO are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on ION AUDIO. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by ION AUDIO and should not be relied upon.
5. **How does state law apply to this warranty?** SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO PURCHASER.


This Limited Warranty gives you specific legal rights. You may also have other rights, which vary from one jurisdiction to another.

IMPORTANT SAFETY INSTRUCTIONS

- a) Read these instructions.
- b) Keep these instructions.
- c) Heed all warnings.
- d) Follow all Instructions.
- e) Do not use this apparatus near water.
- f) Clean only with dry cloth.
- g) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- h) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- i) 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.
- j) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- k) Only use attachment/accessories specified by the manufacturer.
- l) 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.
- m) Unplug this apparatus during lightning storms or when unused for long periods of time.
- n) 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.
- o) 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.
- p) 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.
- q) 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.
- r) **CAUTION** – Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- s) Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- t) Protective earthing terminal: The apparatus should be connected to a mains socket outlet with a protective earthing connection.



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.



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.



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:

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

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.



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.