

BLOCK ROCKER TITAN

QUICKSTART GUIDE v1.0 (ENGLISH)

Model: iPA197

IONAUDIO.COM/SUPPORT

For articles, videos, web and chat support

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For complete warranty information

Package Contents:

Block Rocker Titan Power • Cable (4.82 ft / 147 cm) • Aux Cable (3.6 ft. / 110 cm) • Quickstart Guide

1

GETTING STARTED

- Make sure all items listed in the Package Contents are included in the box.
- Read the included Important Safety Instructions.
- Scan QR code to download the complete User Guide.
- Register your product on ionaudio.com.

2

PLUG IN AND THEN POWER ON

Input Voltage: 100-240V~, 50/60Hz, 300W

Press and hold the POWER button to power on/off.

Press and hold POWER for 3 seconds to turn Voice Prompts on or off.

3

OPERATION

- Mic Vol +/-:** Turn to adjust the mic's input level.
- Echo +/-:** Turn to adjust the mic echo level.
- Guitar Vol +/-:** Turn to adjust the guitar's input level.
- Bass +/-:** Turn to adjust the low frequencies.
- Treble +/-:** Turn to adjust the high frequencies.
- NFC:** Quickly pair your NFC-enabled device here.
- Laser Aperture:** The laser light is emitted from here. Do not stare into the laser light lens.
- Volume +/-:** Turn to adjust the overall speaker volume.
- Bass Boost:** Press to give a bassier tuning.
- Bluetooth:** Press to directly enter pairing mode or press to disconnect from a connected Bluetooth device.
- Mic Priority:** Press to have the level of the music reduced when using the microphone.
- Lights:** Press and release to cycle through light modes and turn the front panel lights off. Press and hold to turn the top panel laser light show on/off.
- Auracast™:** Press to start connecting to additional speakers.
- Track Navigation/Search:** Press and release to navigate tracks or radio station. Press and hold to search through radio stations.
- Play/Pause:** Press to start/stop audio, seek stations, or cycle through saved presets
- Source:** Press to cycle through available sources.
- Power:** Press and hold to power on/off.

4

CREATE YOUR SOUND EXPERIENCE

SOURCE

- Press SOURCE button to cycle through the available sources (Bluetooth, FM, AUX, USB). Press and hold SOURCE button for 5 seconds to perform a factory reset.

BLUETOOTH

1. Press SOURCE button to select Bluetooth mode or press the BLUETOOTH button to directly enter pairing mode.
2. Choose “Block Rocker Titan” in your Bluetooth settings menu.
3. Press Play in music player App of choice on device.
4. Turn VOLUME knob to adjust volume.
5. Press PLAY/PAUSE to start and stop audio.
6. Press |< and >| buttons to navigate tracks.

Note: Use a compatible NFC-enabled device to quickly pair your phone. iOS does not support NFC-triggered Bluetooth pairing with Block Rocker Titan. Press the BLUETOOTH button to disconnect Bluetooth and re-enter pairing mode. Press the BLUETOOTH button again to reconnect to the last connected Bluetooth device.

FM RADIO

1. Press SOURCE button to select radio mode.
2. Plug in the included AUX cable for improved FM station reception.
3. Press and hold PLAY/PAUSE button to seek stations and automatically save preset stations.
4. Press PLAY/PAUSE to cycle through saved presets.
5. Press and hold |< and >| to search up and down for radio stations.
6. Press |< and >| to select the previous/next radio station.

AUX INPUT

1. Plug in sound source to AUX input using the included 1/8” cable.
2. Turn sound source volume up.

AUDIO IN

USB-A PLAYBACK

1. Insert a USB drive into the USB-A port on the back panel to enter USB mode.
2. Press PLAY/PAUSE button to play or pause a track.

- Turn the VOLUME knob to adjust volume.
- Press the |< and >| buttons to navigate tracks.

MIC 1 MIC 2

MIC INPUTS

- Connect 1/4” (6.35 mm) dynamic mics to these inputs.
- Adjust MIC VOL knob to control volume.
- Press the MIC PRIORITY button to have the level of the music reduced when using the microphone.

GUITAR

GUITAR INPUT

1. Connect a guitar to this 1/4” (6.35 mm) TS input.
2. Adjust GUITAR VOL knob to control volume.

ECHO +

ECHO

- Turn the ECHO knob to adjust the effect level.

5

CUSTOMIZE YOUR SOUND EXPERIENCE

DC OUTPUT

USB-C CHARGING

- Connect your smartphone, tablet, or other devices to the USB-C port using the included USB-C® to USB-C® cable (not included) to charge (up to 24W).

TREBLE +

TREBLE

- Turn the TREBLE knob to adjust the high frequencies.

BASS +

BASS

1. Turn the BASS knob to adjust the low frequencies.
2. Press the BASS BOOST button for a separate tuning that is bassier than the standard tuning.

AURACAST™

1. Power on the primary speaker and pair to your Bluetooth device, or switch to USB, AUX, or FM mode.
2. Press the AURACAST button on the primary speaker.
3. Power on the secondary speaker(s).
4. Press |< and >| to select the primary speaker. Make sure the secondary speakers are not connected to Bluetooth and press the AURACAST button to start the linking process. Once the speakers are linked, the Auracast icon on the display will stop flashing and be lit solid.
5. To exit Auracast mode on the primary speaker, press and hold the AURACAST button on that speaker.
6. To exit Auracast mode on secondary speakers, press and hold their AURACAST button or press their SOURCE or BLUETOOTH button, or connect a USB flash drive.

LIGHT MODES

- Press and release LIGHTS button to cycle through the light modes and turn the front panel lights off.
- Press and hold LIGHTS button to turn the top panel laser light show on/off.

Laser light emitter

DOWNLOAD THE FULL *USER GUIDE* TO LEARN MORE

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Important Safety Instructions

- Read and keep these instructions. Heed all warnings and follow all instructions.
- Warning** (if applicable): 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.
- Clean only with dry cloth.
- Water and Moisture (if applicable): Do not use this apparatus near water. 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. Electrical equipment should NEVER be kept or stored in damp environments.
- (If applicable) Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions. 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.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. Do not place exposed flame sources such as lighted candles on the apparatus.
- (If applicable) This product should be connected to a power supply only of the type described in these operating instructions, or as marked on the unit.
- (If applicable) Be careful not to damage the power cord. When moving or not using the appliance, secure the power cord (e.g., wrap it with a cable tie). 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.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Only use attachment/accessories specified by the manufacturer.

This product is classified as a Class 3R laser product in accordance with IEC 60825-1:2014. Only authorized service personnel may perform maintenance, repair, or replacement of the laser module.

(a) Warnings and Precautions During Service [6.2 b)(i)]

During servicing, accessible laser radiation may exceed the Class 3R Accessible Emission Limit (AEL). Do not stare into the beam, and do not aim it at eyes or reflective surfaces. Disconnect the AC power supply and wait 5 seconds to allow the system to discharge before opening any protective housing. If abnormal laser emission occurs, power off the product immediately and contact the authorized service center; do not attempt to service the product yourself. Use only approved replacement parts.

(b) Maintenance Schedule [6.2 b)(ii)]

- To maintain continued compliance with IEC 60825-1, the following maintenance shall be performed at the intervals specified:
- Inspection of all warning labels and the laser aperture: every 12 months
 - Comprehensive safety inspection (verification of power, wavelength, and divergence): every 36 months, or after any service or component replacement
 - Replacement of the laser module: in accordance with the service manual (service life for laser module: 99,999 operating hours)

If any label is damaged, illegible, or missing, it must be replaced before the product is put back into service.

- (If applicable) 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.
- Internal/External Voltage Selectors (if applicable): 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.
- (If applicable) Do not defeat the safety purpose of the polarized or grounding-type plug.
- Protective earthing terminal (if applicable): The apparatus should be connected to a mains socket outlet with a protective earthing connection.
- For Class II apparatus only:** This symbol means the equipment is a Class II or double-insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth. When servicing use only identical replacement parts installed by an instructed person or with the use of ready-made leads or cords.
- Warning** (if applicable): Provide an earthing connection before the mains plug is connected to the mains. When disconnecting the earthing connection, be sure to disconnect it after pulling the mains plug out from the mains.
- (If applicable) Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Warning** (if applicable): To prevent possible hearing damage, do not listen at high volume levels for long periods.
- This apparatus is for professional use only. Intended operational climate: moderate.

(c) Operations That May Result in Increased Laser Exposure [6.2 b)(iii)]

- The following operations, if not performed in accordance with this manual, may cause accessible laser radiation to exceed the Class 3R AEL and must be avoided:
- Removing or displacing any protective housing while the product is energized;
 - Bypassing, defeating, or tampering with any safety interlock;
 - Replacing the laser module or any optical component with non-approved (non-original) parts, or adjusting alignment/focusing beyond the specified range;
 - Using controls, making adjustments, or performing procedures not described in this manual.

CAUTION — Use of controls, adjustments, or procedures other than those specified in this manual may result in hazardous radiation exposure.

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.

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.

Warning: Contains flashing and strobe light effects. Not recommended for individuals with photosensitive epilepsy or light sensitivity.

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)** connect the equipment into an outlet on a circuit different from that to which the receiver is connected; **(e)** be sure that all cables are properly shielded, using a choke or ferrite where appropriate; or **(f)** consult the dealer or an experienced radio/television technician for help. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

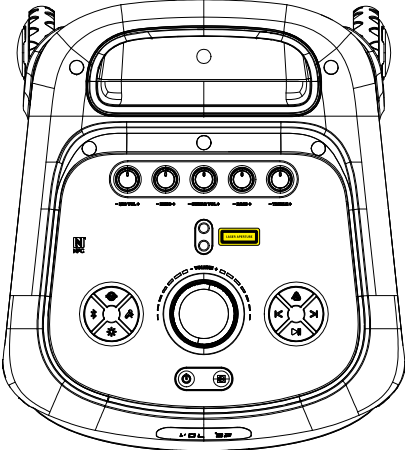
Radiation Exposure Statement: This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with greater than 20 cm between the radiator & your body.

For wireless products supporting the 5.15–5.35 GHz frequency band (if applicable): Usage of the 5.15–5.35 GHz band are restricted to indoor operation only. This applies to the following countries: AT, BE, BG, CZ, DK, EE, FR, DE, IS, IE, IT, EL, ES, CY, LV, LI, LT, LU, HU, MT, NL, NO, PL, PT, RO, SI, SK, TR, FI, SE, CH, UK, HR.

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

! LASER SAFETY WARNING:

- Assemble strictly per the official instructions. Do NOT disassemble the laser module or remove covers. No user-serviceable parts inside.
- This product contains a Class 3R laser. LASER RADIATION — AVOID DIRECT EYE EXPOSURE.
- Never point the laser beam at eyes (including animals) or reflective surfaces.
- Before any maintenance, disconnect AC power and wait 10 seconds for discharge.
- If abnormal laser emission occurs, switch off immediately and contact authorized service. Do NOT attempt to repair laser components.
- WARNING: DOUBLE POLE FUSING**
Touching dangerous live parts on the power board may result in electric shock.
- N** This symbol indicates that the fuse may be in the neutral, and that the mains shall be disconnected to deenergize the phase conductors.
- During maintenance, it is necessary to disconnect from mains (such as unplugging the power plug) and confirm that there is no dangerous voltage on the power supply board.
- Wavelength: 630-670nm (Red), 515-532nm (Green)
- Beam divergence: Parallel: 175 mrad (max) Perpendicular: 436 mrad (max)
- Pulse duration: 500 ms
- Red laser: Max. output power < 5 mW
Green laser: Max. output power < 5 mW
- Laser Aperture Location
The laser beam is emitted from the laser aperture shown, right:



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. The pins of connectors identified with this ESD warning symbol should not be touched.

Do not force discharge, recharge (non-rechargeable batteries are not to be recharged), disassemble, heat above manufacturer’s specified temperature rating, or incinerate. Doing so may result in injury due to venting, leakage, or explosion resulting in chemical burns.

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World Headquarters inMusic Brands, Inc. 200 Scenic View Drive Cumberland, RI 02864 USA	U.K. Office inMusic Europe Ltd Abbey House 5F5 282 Farnborough Road Farnborough GU14 7NA United Kingdom	Germany Office inMusic GmbH Hans-Günther-Sohl-Str. 4a 47807 Krefeld GERMANY
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