



ONSIA Bluetooth® Audio Amplifier

Model No. BTA-5

Operating Instructions Manual



Your Wall. Your Art. Your Sound.™

INTRODUCTION

Thank you for choosing the ONSIA BTA-5 *Bluetooth* Audio Amplifier powered by Dedicated Sound and Audio. The ONSIA BTA-5 *Bluetooth* Audio Amplifier is a small form factor audio amplifier with *Bluetooth* wireless technology and has been designed to be compatible with *Bluetooth* wireless technology enabled smartphones, laptops, tablets and PCs. The ONSIA BTA-5 *Bluetooth* Audio Amplifier offers power efficiency through it's class D audio amplifier design and provides a truly enjoyable listening experience with the added convenience of wireless technology.

Please read this operating instructions manual completely before you start using your ONSIA BTA-5 *Bluetooth* Audio Amplifier.

If you have any questions about the operation of the ONSIA BTA-5 *Bluetooth* Audio Amplifier please contact the Dedicated Sound and Audio customer support at www.dsausa.com.

Limitation of Liability

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IMPORTANT SAFETY INSTRUCTIONS



- Read these instructions before using this product.
- Keep these instructions for future reference.
- Heed all warnings in this guide.
- Follow all instructions.

Fire and Electric Shock Hazard



- DO NOT open, dismantle, disassemble or modify your ONSIA *Bluetooth* Audio Amplifier.
- DO NOT subject your ONSIA *Bluetooth* Amplifier to excessive cold, heat, humidity or sunlight.
- DO NOT block push objects into holes or any openings.

FCC STATEMENT

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:

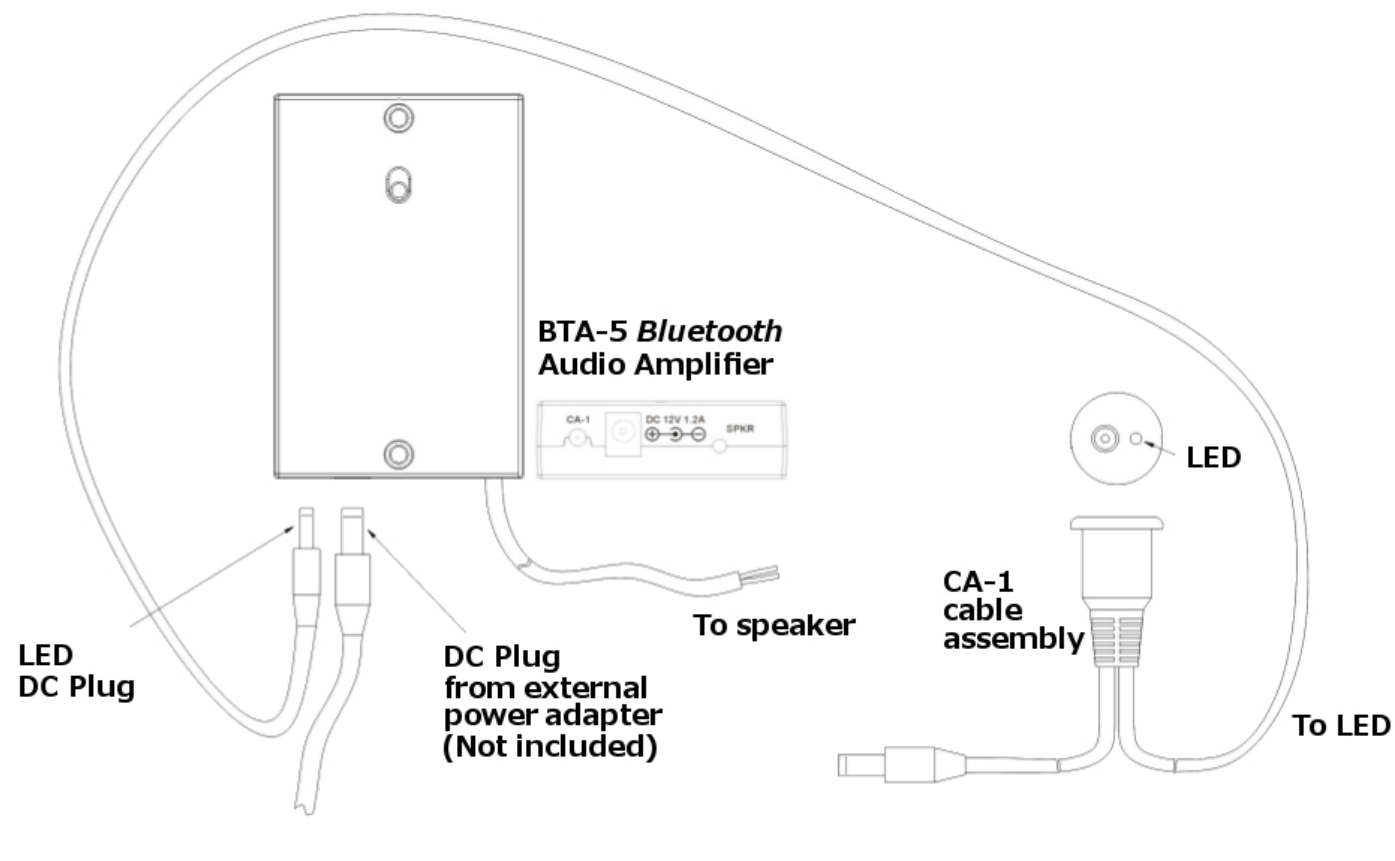
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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 undesired operation.

SETUP

The ONSIA BTA-5 *Bluetooth* Audio Amplifier comes with an optional remote DC jack and LED cable assembly (CA-1). The following diagram depicts the setup of the amplifier with the optional cable assembly.

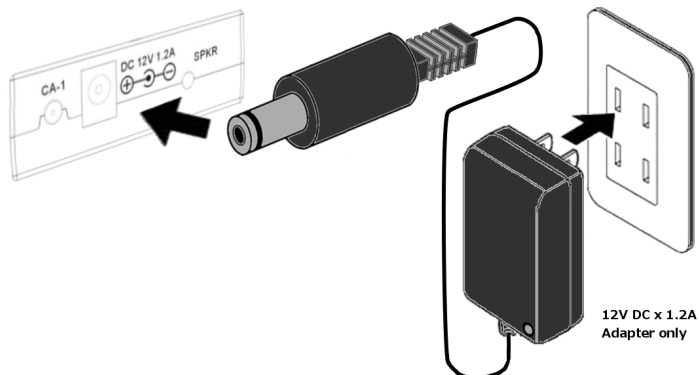


OPERATION

1) Connect Speaker and Power Supply.

Connect a 8Ω speaker with 10W RMS minimum power handling capabilities to the cable labeled “SPKR.”

Connect a 12V DC power supply (1.2A minimum) to the DC jack located on the amplifier.

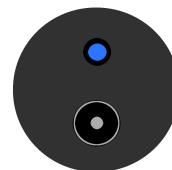


2) Power it.

Slide the power switch to the “ON” position. When the *Bluetooth* Audio Amplifier is powered ON, you will hear a series of three tones indicating the unit is ready to be paired or play music.



A **blue** LED indicator located next to the DC jack on the optional CA-1 cable assembly will turn ON and will remain ON to indicate the unit is powered.



3) Pair it. Play it. Love it!

To pair your ONSIA *Bluetooth* Audio Amplifier, enable *Bluetooth* on your music source device and scan for *Bluetooth* devices (read your device’s manual or user’s guide to add or setup a *Bluetooth* device). Pair your device with the *Bluetooth* device named “ONSIA BTA-5.”



TROUBLESHOOTING GUIDE

If your ONSIA *Bluetooth* Audio Amplifier appears to have a problem, the following notes may help. If the problem still persists after having attempted to resolve it, consult your dealer for assistance.

Symptom	Possible Cause
No sound at all	<ul style="list-style-type: none"> -Check amplifier is powered ON. -Check volume and mute settings on music source device. -Check device is paired. -Reset audio amplifier. Slide power switch to the “OFF” position and then back to the “ON” position.
Unable to pair device	<ul style="list-style-type: none"> -Check amplifier is powered ON. -Make sure amplifier is not paired to another device. -Place music source device in direct line of sight and within 20 feet. Objects, walls, and moving persons may reduce wireless operating range. -Reset amplifier. Slide power switch to the “OFF” position and then back to the “ON” position.
Music breaks, device disconnects	<ul style="list-style-type: none"> -Place music source device in direct line of sight and within 20 feet. Objects, walls, and moving persons may reduce wireless operating range. -If using a streaming music service, try playing music stored in music source device instead.
Distortion at high volume levels	<ul style="list-style-type: none"> -Check the recording quality of the music material.

SPECIFICATIONS

Audio Output Power: 10 watts RMS @ 8 Ω

THD (@1kHz): 1% @ 7.5W RMS, 10% @ 10W RMS

Frequency Range: 20Hz to 20kHz

Bluetooth Version: 4.0

Maximum Wireless Range: 33 feet under ideal conditions (direct line of sight)

Supply Voltage: 12V DC

Power Consumption: 14.4 W max

PRODUCT CARE

Do not use any solvents or liquids to clean your ONSIA *Bluetooth* Audio Amplifier. Simply dust unit with a dry piece of cloth.

WARRANTY INFORMATION

Dedicated Sound and Audio warrants its ONSIA *Bluetooth* Audio Amplifier products to be free from defects in material and workmanship for one year from the date of purchase. *DO NOT attempt to open, dismantle, disassemble or modify the unit; doing so will void its warranty.* Except where prohibited by applicable law, this warranty is nontransferable and is limited to the original purchaser. This warranty gives you specific legal rights and you may also have other rights that vary under local laws.

In the event of a defect, Dedicated Sound and Audio will, at its option, repair or replace the product with no charge to the purchaser for parts or labor. The repaired or replaced product will be warranted for 90 days from the date of return shipment, or for the balance of the original warranty, whichever is longer.

To obtain warranty service, the purchaser must obtain a Return Materials Authorization (RMA) number by calling Dedicated Sound and Audio at 1-800-279-7686. To obtain an RMA number, the purchaser must provide a copy of the original sales receipt. The purchaser must return the product postpaid with the purchaser's return address and the RMA number clearly printed on the outside of the package to the Authorized ONSIA Service Center provided by Dedicated Sound and Audio with the RMA number. Dedicated Sound and Audio will not be responsible for any losses or damage to the product incurred while the product is in transit or is being shipped for repair. Insurance is highly recommended.



www.dsausa.com

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