

TECHNICAL SPECIFICATIONS

Power Output (10% THD)	2 x 160 watts into 4 ohms/ 2 x 120 watts into 6 ohms 2 x 100 watts into 8 ohms
Amplifier Efficiency	>90%
Minimum THD	<1%
Signal-to-noise Ratio	>90 dB
Frequency Response	20-20,000 Hz
Bluetooth Compatibility	Bluetooth v4.0, up to 20 meters/ Distance will vary
DC Power Input Jack	2.5 mm x 5.5 mm
Power Requirements	18 to 36 VDC, 4.5A
Included Power Supply	110-240 VAC input, 36 VDC, 4.5A output
Dimensions	4-1/2" W x 7" D x 1-1/4" H (114.3mm W x 177.8mm H x 31.8mm D)

CAUTION

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For indoor use only. Your AMP-200BT should not be exposed to any outdoor elements including dust, water, moisture, humidity, or temperatures outside normal living conditions. There are no user serviceable parts inside your amplifier, therefore do not open your AMP-200BT or it will void your warranty. For optimum life or your AMP-200BT place it in a location that is open and where air can fully circulate. Use a clean cloth to dust your AMP-200BT. Your amplifier comes with a compatible power supply. If an inappropriate power supply is used and the unit is damaged the warranty will be voided.

QUESTIONS / PROBLEMS

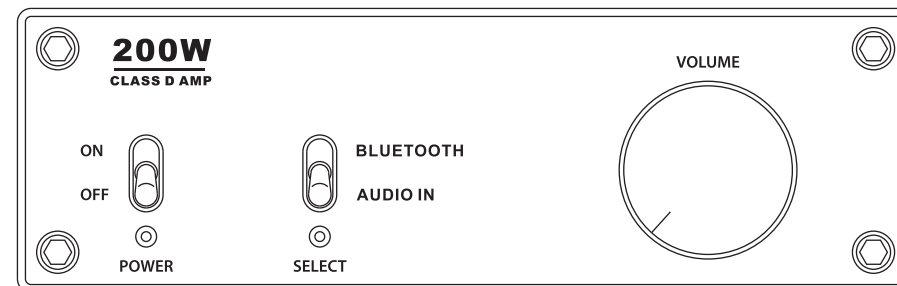
QUESTIONS / PROBLEMS

Consult your Owner's Manual for set-up and operation. Should you have questions or issues not found in the manual please contact your place of purchase.

AMP-200BT

OWNER'S MANUAL

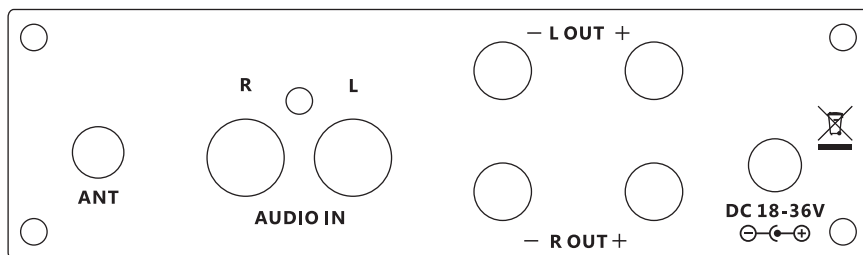
200 WATT CLASS D BLUETOOTH aptX STEREO AMPLIFIER



INTRODUCTION

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Thank you for purchasing the AMP-200BT. The AMP-200BT uses a STMicroelectronics TDA7498E Audio Amplifier for amazing performance and clarity with superb power handling and efficiency. Built-in thermal overload and short-circuit protection combined with the selection of only the highest quality components ensures your AMP-200BT will provide you with years and years of audiophile quality listening enjoyment. Your AMP-200BT includes RCA Left/Right line level inputs found on the rear of the amplifier. If your device does not have a RCA Left/Right output you can use an adapter cable such as a 3.5mm to RCA Cable or other line level cables that meet your source device's type of output. The AMP-200BT includes Bluetooth streaming audio. Use the Bluetooth aptX connection to wirelessly stream audio from your iPhone, Android smartphone, tablet, or laptop. The aptX codec produces better quality sound than standard Bluetooth when used with aptX compatible devices. With 100 watts per channel, the AMP-200BT stereo amplifier is perfect for desktops, bookshelf speakers, and most home audio applications. Included with your AMP-200BT is a 36VDC power supply that provides the horsepower for your AMP-200BT to fill any room with quality sound and performance.



CONNECTING SPEAKERS

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The AMP-200BT features binding posts for more convenient speaker connection. These binding posts will accept bare wire, 3/8" spade terminals, or standard banana plugs. Note: The binding posts will accommodate dual banana plugs.

USING LINE LEVEL INPUT

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Many portable music players use a 3.5mm jack to play music through headphones. Connect a 3.5mm to RCA cable between the source headphone out and the amplifier's line input. If the source device is not portable it likely uses RCA stereo cables. Connect a stereo audio cable from the source device to the amplifier's line input.

USING THE BLUETOOTH CONNECTION

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The Bluetooth audio source device must be paired and connected to the AMP-200BT to play music wirelessly from your phone, tablet, or other music player.

AMPLIFIER

AMPLIFIER

- Turn the power switch to "Off"
- Set the select switch to "Bluetooth"
- Turn the power switch to "On"

MOBILE DEVICE

MOBILE DEVICE

- On your mobile device select "HiFi" from available devices to pair the devices
- From "Paired Devices" list select "HiFi"
- Under Settings, select "Use for media audio"
- The AMP-200BT will emit a beep to let you know that the mobile device is paired and selected. Adjust the

output level of the mobile device to approximately 75% for best sound quality and adjust the master volume on the amplifier to set the ideal listening level.

NOTE

NOTE

It is normal for some Bluetooth devices to require a little more time to pair Bluetooth with your AMP-200BT. If you have trouble pairing and connecting to the amplifier simply repeat all of these steps for the amplifier and mobile device several times until you have a successful pairing. Your Bluetooth enabled device should remember the AMP-200BT in the future and not require this extra effort before the amplifier will play music from the mobile device.

OPERATION

OPERATION

- Connect 4-8 Ohm speakers to the binding posts
- Plug the power supply into the amplifier then into the wall outlet
- LINE LEVEL IN: Connect a line-level device to the RCA inputs and set input to "Select"
- BLUETOOTH: Turn on the amplifier, set the input switch to BLUETOOTH follow pairing instructions
- Adjust the volume to the desired listening level

FCC Warning

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.

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 minimum distance 20cm between the radiator and your body.