



200 WATT BASS SHAKER BRIDGEABLE STEREO AMPLIFIER WITH REMOTE

Model: BSA-200 User Manual



Thank you for purchasing the Dayton Audio® BSA-200 200 Watt Bass Shaker Bridgeable Stereo Amplifier with Remote.

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions and keep them for future reference.
2. Carefully follow instructions and warnings.
3. Do not use this device near water.
4. Clean amplifier housing only with a dry cloth.
5. Do not block any of the ventilation openings.
6. Do not install near any heat sources (including amplifiers) that produce heat.
7. Do not remove power cable grounding plug.
8. Prevent the power cable from being stepped on or pinched.
9. Unplug this unit during lightning storms or if not in use for an extended period of time. This device can be plugged into a surge protector or power strip, but should NOT be plugged into a UPS (uninterruptible power supply).
10. Refer all servicing to qualified service personnel.

WARNING: To reduce the risk of fire or electric shock, do not expose device to moisture.

WARNING: Ensure there is at least two inches of clearance on all sides of the amplifier for proper ventilation.

This amplifier features...

Front Panel

1. Power Button

Press the power button on the front panel of the BSA-200 to turn on and off the amplifier.

2. Power LED

The amplifier LED will be BLUE if the amplifier is active and ready for use. If the amplifier is in auto/standby mode the LED will be RED.

3. Frequency Adjustment

Rotate the frequency adjustment left or right to set the desired frequency output. The adjustment range is from 50Hz to 200Hz.

4. Balance Adjustment

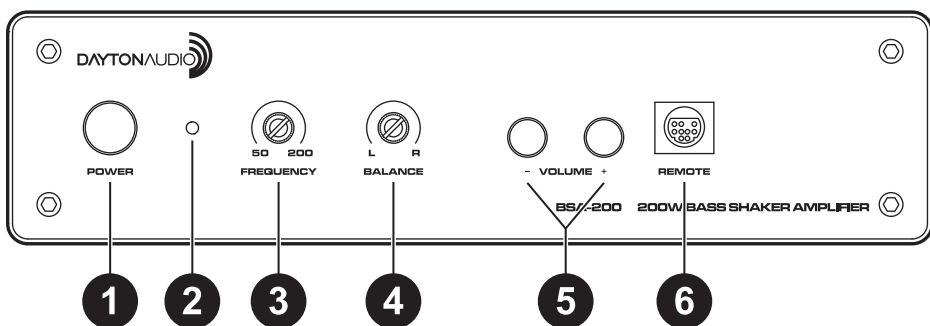
Rotate the balance adjustment (stereo mode) left or right to set the desired output balance of left and right channels.

5. Volume Adjustment

Press the volume – or + button to adjust the amplifier output to the desired level.

6. Remote

The included wired remote has volume adjustment and power button for your convenience but is not required to operate the amplifier. Connect the remote to the front panel, be careful to properly align the connector.



Real Panel

1. Line Out

Line output RCA L/R connectors can be used to connect (daisy chain) multiple BSA-200 amplifiers together. The number of amplifiers should be limited to 4 in this type of configuration.

2. Line In

Line Input RCA L/R connectors for connection to your source device.

3. Auto Switch

Auto position enables the amplifier to turn on from standby mode when input signal is detected. The ON position will keep the amplifier in a continuous powered on mode.

4. Stereo / Bridge Switch

The BSA-200 can be used in stereo and bridge modes, in stereo mode L/R channels are separated, when used in bridge mode the L/R channels are combined as mono output.

5. USB

USB power output port can be used with the Dayton Audio Wave-Link wireless audio system or other power 5V devices.

6. Speaker Out

Speaker outputs are for stereo or bridge mode, the connectors are binding posts style and will accept banana type connectors or bare wire.

7. Voltage Switch

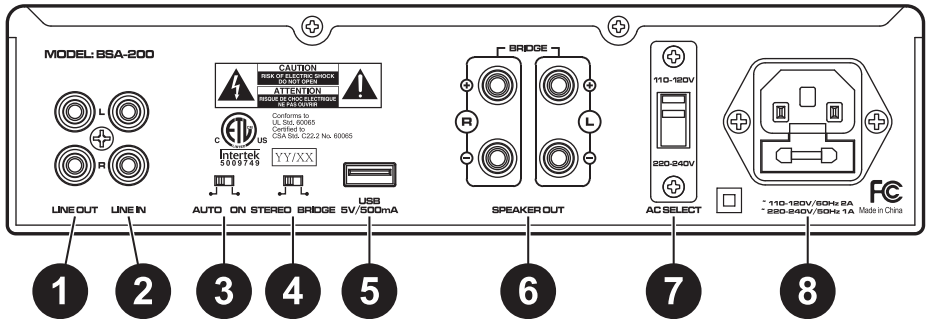
This amplifier can accept 110V to a 240V for either North American or European use. Make sure the amplifier is powered off and the cord unplugged before changing the voltage.

8. Fused Power Input

Connect included power cable to power input connector, then connect power source.

WARNING-DO NOT PLUG AMPLIFIER INTO ANY TYPE OF POWER CONDITIONER.

Below the power cable input is the fuse assembly. Disconnect power to amplifier before removing fuse assembly, pull straight out to access the main and spare fuse.



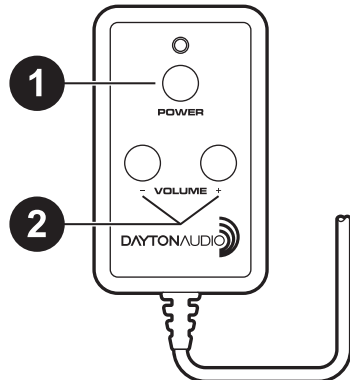
Remote Control

1. Power Button

Press the power button on the remote control to turn on and off the amplifier.

2. Volume Adjustment

Press the volume - or + button to adjust the amplifier output to the desired level.



FCC Statement

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
 - (a) This device may not cause harmful interference.
 - (b) This device must accept any interference received, including interference that may cause undesired operation.
2. FCC Radiation Exposure Statement: Mobile device.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

Important Safety Instructions

To reduce the risk of electric shock, do not remove cover. No user serviceable parts inside. Refer servicing to qualified personnel. To reduce the risk of fire and shock do not expose unit to rain or moisture. The unit should be connected to an earth grounded AC electrical socket. The unit should be operated in a well ventilated area. Minimum clearance is 2 inches.



Specifications

Rated power output:	110W RMS per channel into 2 ohms
Bridged power output:	230W RMS into 4 ohms
Input sensitivity:	170 mV
Frequency response:	5-200 Hz +/- 3 dB
Variable low pass:	50-200 Hz
Distortion (stereo):	1%
Distortion (bridged):	.05%
Signal to noise ratio:	91 dB @100 Hz A-weight
Power requirements:	110-240VAC
Max power consumption:	313W
Stand-by power rating:	0.5W
Auto turn-on sensitivity:	10 mV
Dimensions:	2.5"H x 9.5"W x 8.5"D (not including rear connections)

5-Year Limited Warranty

See daytonaudio.com for details



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