

Specifications:

Power Output:	12 watts RMS x 2 into 4 ohms
Total Harmonic Distortion:	<0.1% @ 12W per channel
Minimum Speaker Impedance:	4 ohm
Frequency Response:	20-20,000 Hz, ± 2 dB
Channel Separation:	65 dB
Dynamic Range:	>80 dB
Signal-to-Noise Ratio:	>80 dB
Preamplifier Tube:	6F1 x 2
Headphone Amp Output:	15 mW @ 600 ohms; 11 mW @ 300 ohms; 7.8 mW @ 32 ohms; 5.6 mW @ 16 ohms (maximum @ 1 kHz, <1% THD+N)
Bluetooth Version:	4.2
Input Impedance:	47k ohms (minimum)
Input Sensitivity:	300 mV
Dimensions:	4.2" H x 9.3" W x 6.18" D
Weight:	4.6 lbs

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 from the ventilation openings.



5-Year Limited Warranty

See daytonaudio.com for details



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HYBRID STEREO TUBE AMPLIFIER

Model: HTA20BT User Manual

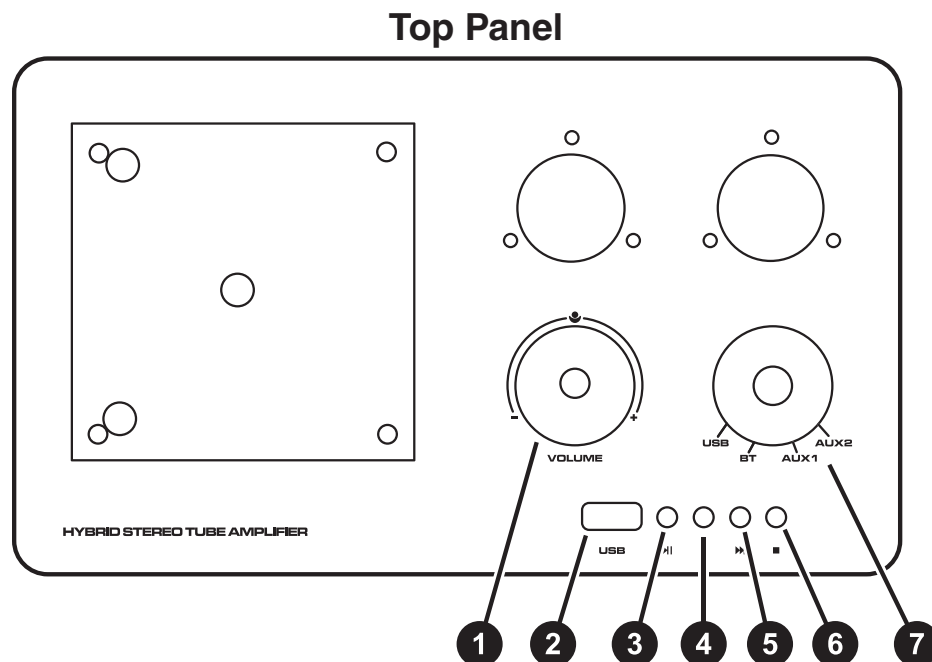
Thank you for purchasing the Dayton Audio HTA20BT Hybrid Stereo Tube Amplifier. The tube preamp stage imparts a warm, natural sound quality while the solid state power amp offers superb audio fidelity and efficiency. Multiple input options including USB media playback are available, and Bluetooth 4.2 provides refined wireless streaming from your mobile devices.

Features:

- 12W per channel RMS x2 into a 4 ohm load
- Audiophile quality sound with less than 0.1% THD @ 12W
- Bluetooth 4.2 wireless connectivity
- Doubles as a high fidelity headphone amplifier
- RCA mono subwoofer output
- Brushed aluminum housing lends a clean, modern look
- Rear mounted RCA type inputs for long-term connection of larger audio devices
- Short circuit protection circuitry

Top Panel:

1. Volume Control
2. USB Port
3. Play/Pause
4. Previous Track
5. Next Track
6. Stop
7. Source Selector



Rear Panel:

8. Bluetooth Antenna
9. AUX 1 Input
10. AUX 2 Input
11. Headphone Output

Turn this antenna to a vertical position prior to using the Bluetooth feature of the amplifier.

12. Subwoofer Output
13. Speaker Outputs
14. Power Switch
15. AC Power Cord

The HTA20BT doubles as a headphone amplifier that will easily drive most headphones to deliver a colossal sound stage and effortless dynamic range. The 1/8" stereo jack allows connection of most headphones.

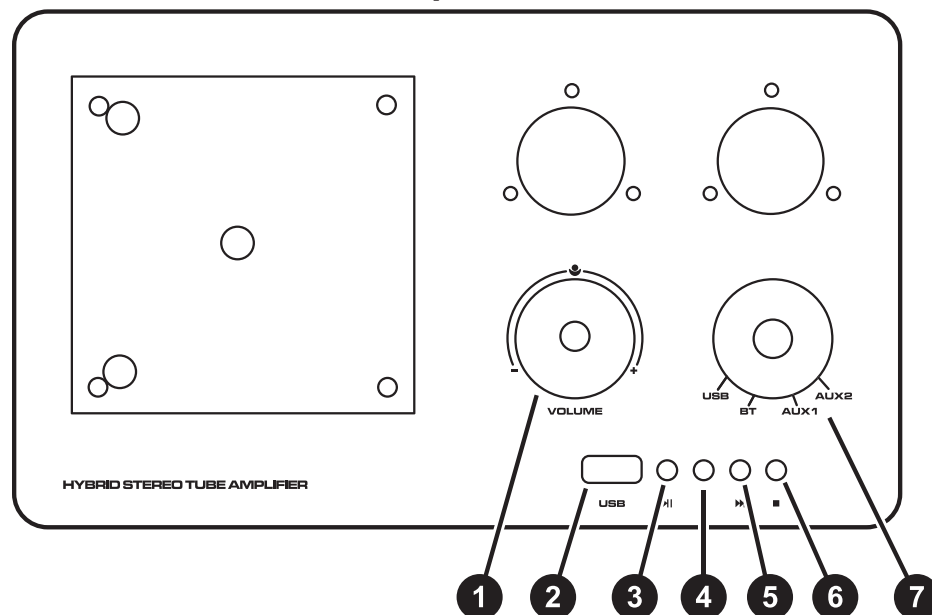
Note: When headphones are plugged into the headphone jack, the speaker output connections are disengaged.

12. Subwoofer Output
13. Speaker Outputs

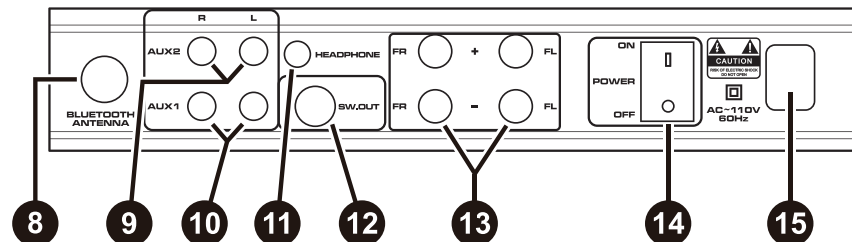
The speaker output connections utilize high quality binding posts which are color coded for easy polarity identification. The binding posts will accept banana plugs or bare wire up to 14AWG.

14. Power Switch
15. AC Power Cord

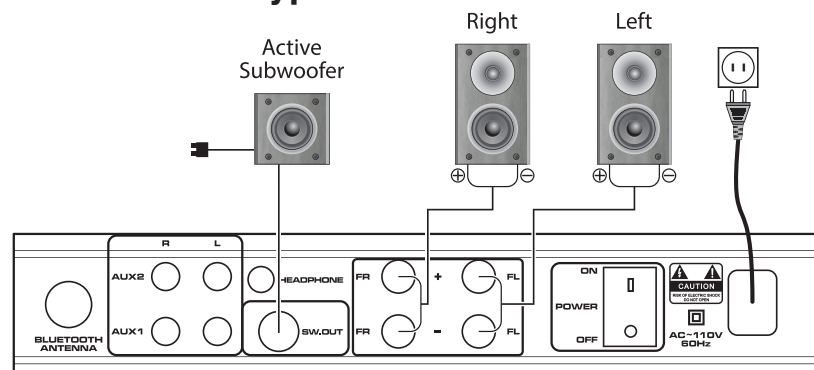
Top Panel



Rear Panel



Typical Connection



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

To comply with FCC RF exposure compliance requirements, this grant is applicable to only mobile configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.