



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

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

9. AUX 1 Input

10. AUX 2 Input

11. Headphone Output

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

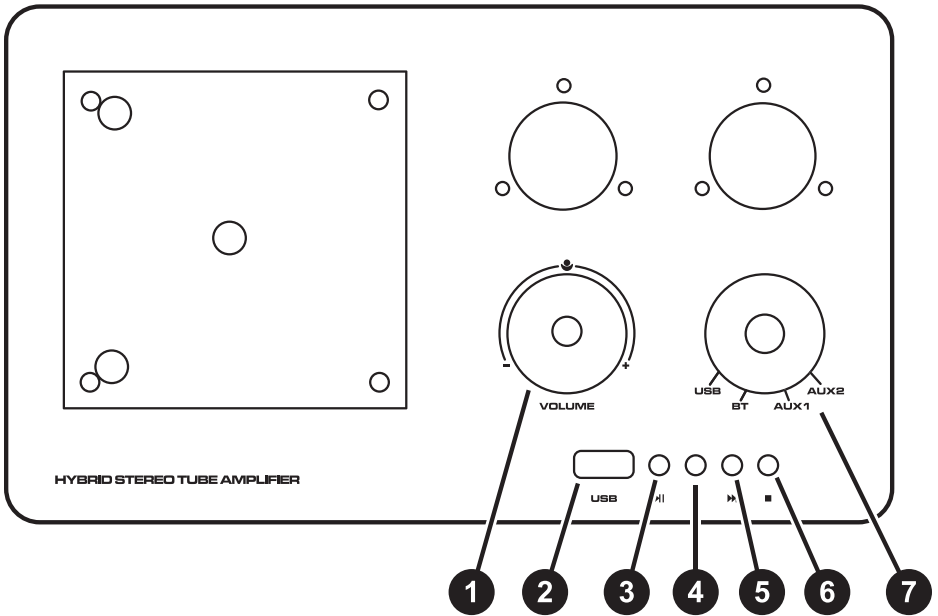
13. Speaker Outputs

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.

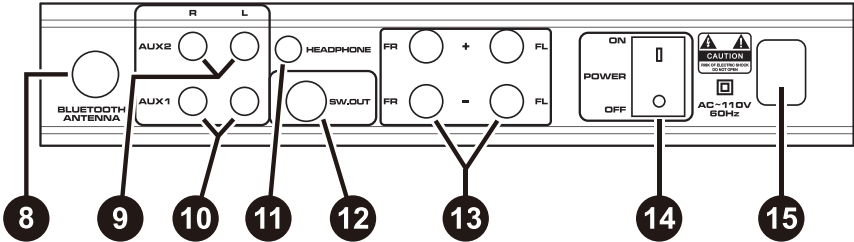
14. Power Switch

15. AC Power Cord

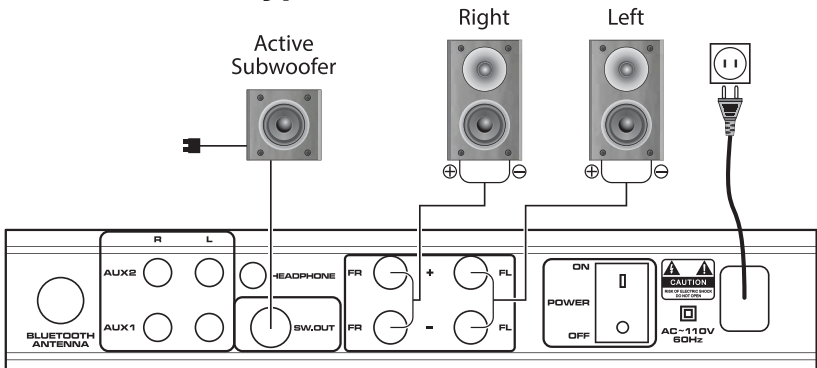
Top Panel



Rear Panel



Typical Connection



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

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