

Connection of source devices

Up to two sources with stereo line outputs can be connected to the stereo RCA inputs "AUX 1 / AUX 2". There is also a "USB" input port for digital audio device playback compatible with MP3, WAV, APE and FLAC audio files. Note: Data corruption can occur if USB device is removed whilst in use. In addition, this Hybrid Amplifier also has Bluetooth 4.2 capability. Simply set the selector switch to "BT" for Bluetooth function and select this amplifier from the list of devices detected by the bluetooth source.

Connecting an Active Subwoofer

The RCA jack "SW-OUT" at the back of the unit is a line level audio output for connection to a active subwoofer line input. The SW-OUT output level depends on the setting of the Hybrid amplifier volume control. Note. The connection of Headphones will disable "SW-OUT" output.

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:	6F2 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:	L235 x W155 x H110mm
Weight:	2kg

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.



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HYBRID STEREO TUBE AMPLIFIER WITH BLUETOOTH

Model: ADHA24BT User Manual

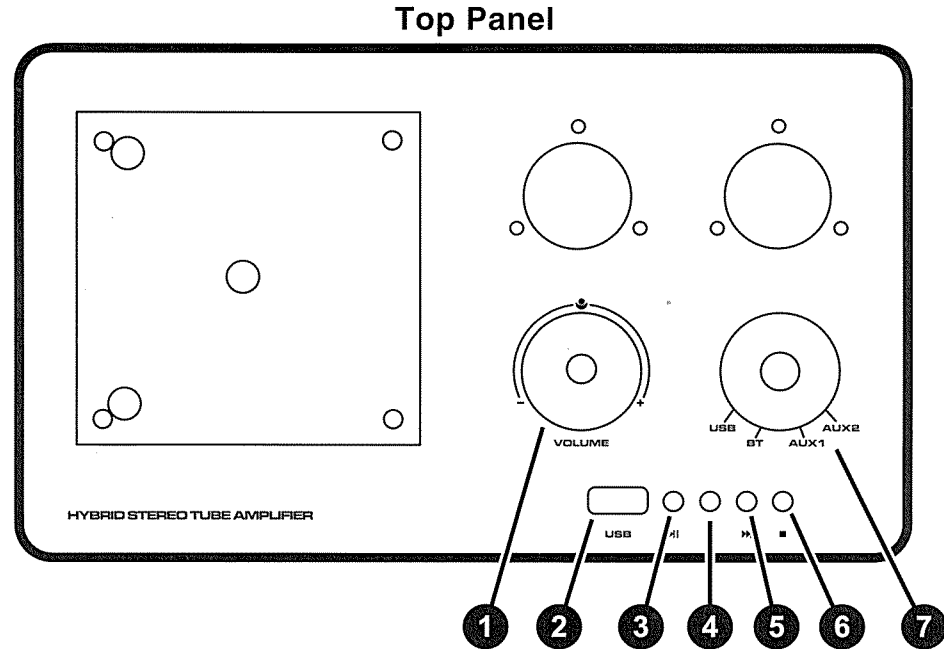
Thank you for purchasing the Accento Dynamic ADHA24BT Hybrid Stereo Tube Amplifier. The tube preamp stage imparts a warm, natural sound quality while the solid state power amp offers superb audio fidelity and efficiency. Multiple input options including USB media playback are available, and Bluetooth 4.2 provides refined wireless streaming from your mobile devices.

Features:

- 12W per channel RMS x 2 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 2 Input
10. AUX 1 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

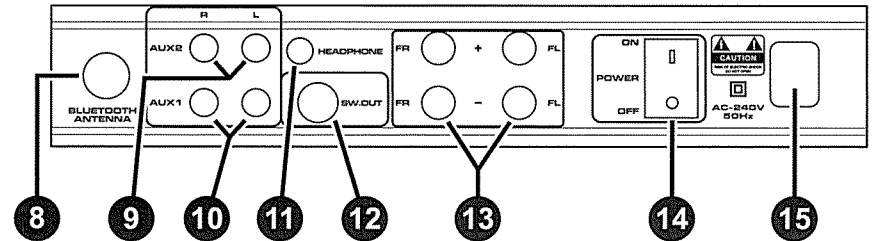
The ADHA24BT doubles as a headphone amplifier that will easily drive most headphones to deliver a colossal sound stage and effortless dynamic range. The stereo jack allows connection of most headphones.

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

14. Power Switch
15. AC Power Input

The speaker output connections utilize high quality binding posts which are colour coded for easy polarity identification. The binding posts will accept banana plugs

Rear Panel



Typical Connection

