

a102

**digital
stereo
amplifier**



Wadia

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The a102 digital stereo amplifier provides 50 watts per channel at 8 ohms or 80 watts per channel at 4 ohms. With an electronic switching design, our new generation of amplifiers are able to deliver massive amounts of power directly to your speakers with very little energy wasted in heat dissipation. They do away with the necessity for large cooling fins or noisy fans often found in other high power amplifiers. The result is a greener, compact and energy efficient amplifier.

As with all Wadia digital amplifiers, the a102 produces exceptional sound quality and performance. It features Wadia's new Signal Surveyor™ technology, which monitors the amplifier's output signal and stops amplification if unsafe levels of DC voltage are detected, thus protecting your speakers from potential damage.

Both balanced and unbalanced inputs are available for connecting your other system components. Specially designed 5-way binding posts will securely hold your speaker wire. A trigger input and output makes it simple to control the power state of your entire system when the a102 is turned on/off.

- Signal Surveyor™ for ultimate performance
- Sleek, modern design that's less than 3.5" (9 cm) tall for easy placement in your space
- Balanced and unbalanced inputs
- Combine with Wadia di122 digital audio decoder for complete system solution



Specifications

Power Output 50 watts into 8 ohm loads; 80 watts into 4 ohm loads **Rated Power Band** 20Hz to 20kHz **THD** 0.5% maximum harmonic distortion at any level from 250 milliwatts to one-half of rated power output, 20Hz to 20kHz; 0.2% maximum harmonic distortion at any level from one-half to full rated power output, 20Hz to 20kHz **Dynamic Headroom** 1dB 8 ohm load; 1.3dB 4 ohm load **Frequency Response** +0, -0.5dB from 20Hz to 20kHz; +0, -3.0dB from 10Hz to 50kHz **Input Sensitivity** 1.4V Balanced; 0.7V Unbalanced **A-Weighted Signal to Noise Ratio** 96dB (113dB below rated output) Balanced; 93dB (110dB below rated output) Unbalanced **Intermodulation Distortion** 0.1% maximum if instantaneous peak power output does not exceed the rated output for any combination of frequencies from 20Hz to 20kHz **Overall Dimensions (W x H x D)** 10 inches (25.4cm) x 3-5/32 inches (8cm) x 14 inches (35.6cm) including cables **Weight** 8.5 pounds (3.9 kg) *Note: All Specifications are with AC Line voltage of 120V.*

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