

a340

**digital
mono
amplifier**



Wadia

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The a340 digital mono amplifier provides 400 watts at 8 ohms or 500 watts at 4 ohms into a single channel and includes the latest technology from Wadia. It features a comprehensive balanced signal design from input through output stage known as IO Symmetry™ that provides total system differential pairing - resulting in increased audio quality and noise reduction. Frequency Switching Transmission™ (FST) is an adaptive modulation design in the amplifier circuitry that assures full output power is delivered over the entire audio spectrum. To protect your speakers, Signal Surveyor™ monitors the output signal and stops amplification if unsafe levels of DC voltage are detected.

Both balanced and unbalanced inputs are available for connecting your other system components; balanced and unbalanced outputs are also included for ease of connecting bi-amp configurations. Specially designed 5-way binding posts will securely hold your speaker wire; they are designed for easy finger tightening and come with a special tool if even more snug connections are desired. A trigger input and output makes it simple to control the power state of your entire system when the a340 is turned on/off.

- IO Symmetry™ provides total system differential pairing - resulting in increased audio quality and noise reduction
- Frequency Switching Transmission™ (FST) and 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 and outputs for easy system connectivity



Specifications

Power Output 400 watts into 8 ohm loads; 500 watts into 4 ohm loads **Rated Power Band** 20Hz to 20kHz **THD** 0.1% maximum harmonic distortion at any level from 250 milliwatts to one-half of rated power output, 20Hz to 20kHz; 0.5% maximum harmonic distortion at any level from one-half to full rated power output, 20Hz to 20kHz **Dynamic Headroom** 1.7dB 8 ohm load; 2.7dB 4 ohm load **Frequency Response** +0, -0.5dB from 20Hz to 20kHz; +0, -3.0dB from 10Hz to 70kHz **Input Sensitivity** 4V Balanced; 2V Unbalanced **A-Weighted Signal to Noise Ratio** 90dB (116dB below rated output) Balanced; 87dB (113dB 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)** 17-7/8 inches (45.4 cm) x 3-3/8 inches (8.6 cm) x 20 inches (50.8 cm) including cables **Weight** 26.5 pounds (12 kg) *Note: All Specifications are with AC Line voltage of 120V.*

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