

PANASTEREO 2020

Biamp Audio Power Amplifier

Preliminary Specs



Slimline 2 unit rack mount (3½ inch high)

The PANASTEREO 2020 Biamp Amplifier is a two channel amplifier that features high power and low power audio amplifiers in the same package. The Low Frequency amplifier is used to power a woofer system in a Biamp system and the High Frequency amplifier is for the Horn/Driver. This design is very efficient since typical HF drivers used in cinema systems can handle only 60 Watts RMS and will generally fail if the audio power is over 120 Watts. Low Frequency woofers, however, require much more power to achieve the same sound level at the crossover point. The electronic crossover is not in the amplifier. Crossovers are in the stereo processor or stand-alone product. This allows maximum flexibility for various crossover requirements.

Low Frequency Power Output: 500 Watts into 8 ohms, 800 Watts into 4 ohms, 1000 Watts into 2 ohms.

High Frequency Power Output: 145 Watts into 8 ohms, 200 Watts into 4 ohms, 250 Watts into 2 ohms.

Frequency Response: ±0.25 dB 20 Hz to 20 kHz each channel

Hum and Noise: 101 dB below rated output

Distortion: No more than 0.1% THD or IM, 0.01 to rated output, 20 Hz to 20 kHz. (typically 0.01%)

Input Sensitivity: 1.0V RMS for rated output (variable) .775V, 1.0 V, 1.5V

Output Connectors: 5-Way binding Posts

Convection cooled for use in forced air equipment racks.

Rear mounted volume controls

XLR balanced audio inputs

Ground lift switch

Signal and clip light indicators on front panel

Soft clip protection for amplifier audio overload.

Five Star Protection

Studio Reference Sound Quality

Made entirely in the U.S.A.

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