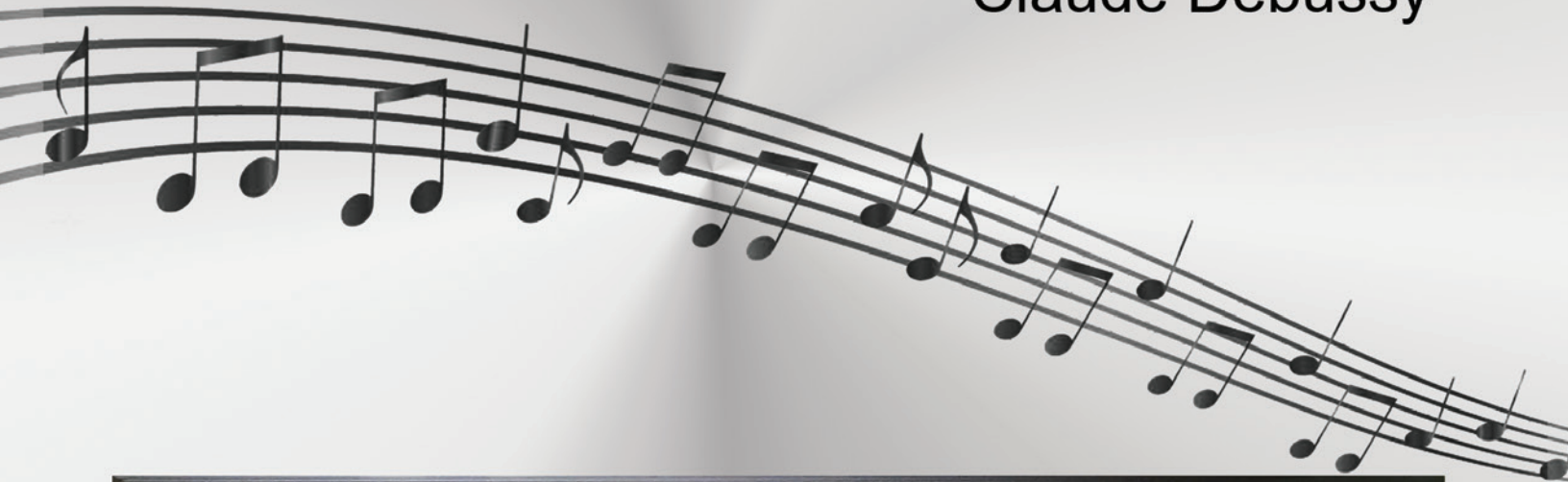


Music is the space between the notes.

Claude Debussy



SAE 8300

New for CEDIA EXPO 2015, SAE is proud to announce the groundbreaking SAE 8300. This new member of the SAE family is an ultra-high performance 8 channel amplifier with 300 watts of fully differential, pure balanced, “push/pull” power per channel.

Known throughout the world for its two channel audiophile dominance, SAE clean power, resolution, and clarity is now available for multi-channel theater environments and multi-zone high-end audio.

SAE amplifiers are designed, engineered and manufactured in Los Angeles, California, USA.



www.hear-sae.com

Specifications

Power Output: > 300 watts RMS x 8 channels @ 8ohms

> 450 watts RMS x 8 channels @ 4ohms

Frequency Response: 20 Hz-20 kHz, +/- 0.1dB

THD, 20 Hz-20 kHz @ full rated FTC power: <0.05%

IMD: <0.05%

THD @ full EIA power @ 1kHz: <0.01%

THD, 1 kHz, rated power: <0.005%

Power Bandwidth: 5 Hz – 80 kHz: minus 0.6 dB @ 80 Hz

Crosstalk greater than -80 dB from 20Hz to 20kHz

Voltage Gain: 28 dB +/- 0.2 dB

Slew Rate: > 60 V/us

Input Impedance: 50 k Ω (Balanced, 25 k Ω each leg)

Input Sensitivity (for full power output): 2.16 V

Remote Trigger Voltage: 3 to 24 V DC

Signal to Noise Ratio, 20 Hz to 20 kHz: Reference Rated Output, "A"

Weighted: >128 dB

Residual Noise, "A" Weighted: <30 microVolts

Damping Factor: >400 from 5 Hz - 400 Hz

Power Requirements: 120V/60 Hz; 230V/50 Hz

Weight: 123 lbs

Weight, Shipping: 163 lbs

Dimensions (WxHxD) inches: 17 3/8 x 9 1/16 x 19 3/4

Uses 5RU (Feet Removed)

Circuit Topology:

Fully balanced, "fully differential", "push/pull" design utilizing thermal track, current feedback and DC Servo. Protected by "lightwave" optical clip limiting.

Connectivity:

Input: XLR balanced

Output: 5-way binding posts