

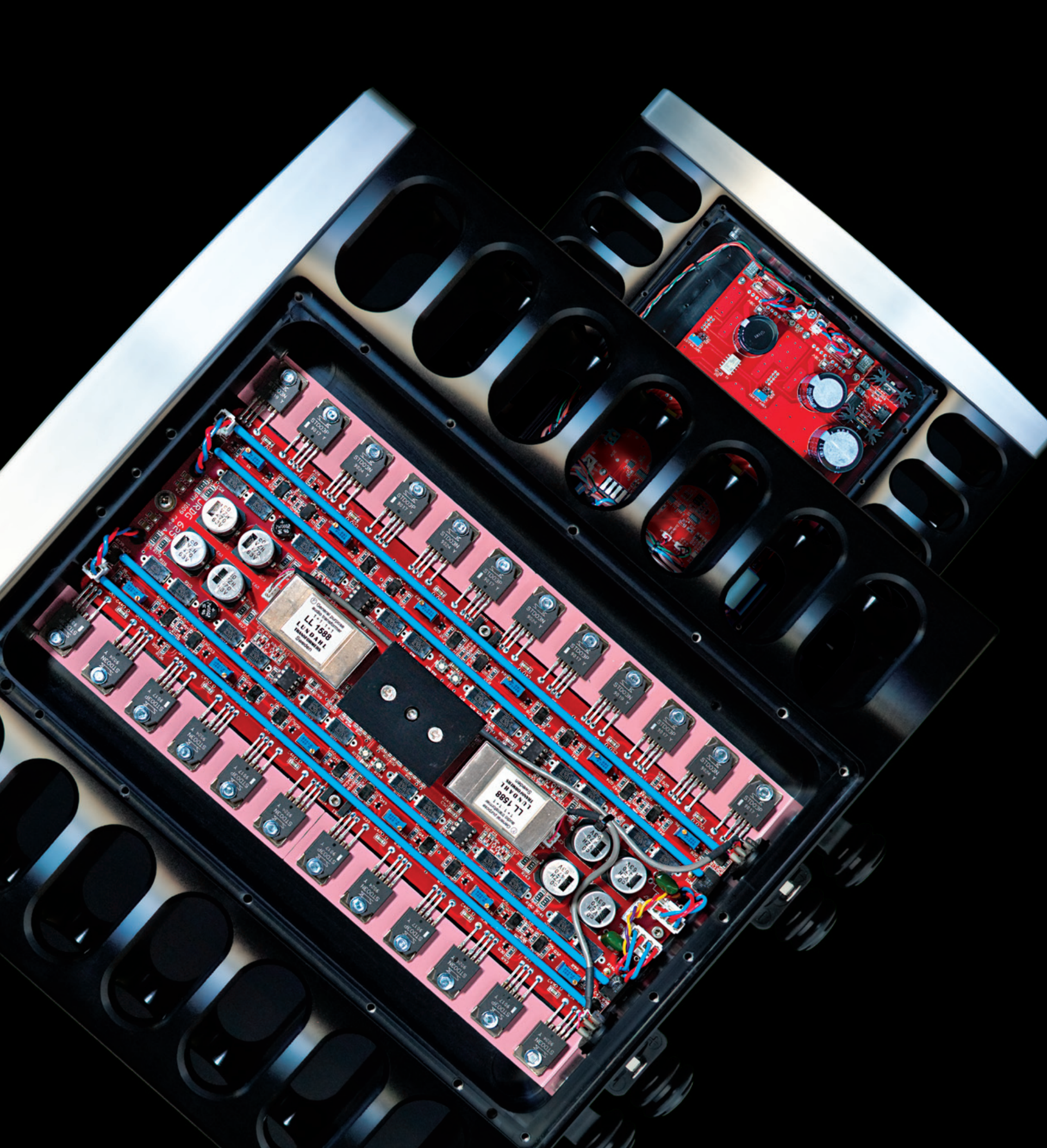


Model 625 Stereo Amplifier

Precision machined from a single block of non-resonant aircraft aluminum, the Model 625 features a unique composite circuit architecture incorporating separate Class AB voltage and current gain blocks with no overall negative feedback.

Virtually free from EMI field contamination and mechanical vibration, the Model 625 delivers a sensuous grain-free musicality of unparalleled transparency and low level resolution that emerges from a rich velvety background.

There are no short cuts to perfect sound.



Model 625 Stereo Amplifier

TECHNICAL FEATURES

Machined Aluminum Chassis	Precision-machined chassis with integrated heatsinks, milled from a solid block of aircraft grade aluminum, provides exceptional thermal heat transfer/dissipation, RFI/EMI shielding, and resonance control.
Composite Circuit Architecture	Unique composite circuit architecture incorporating separate Class AB voltage and current gain blocks with no overall negative feedback, delivers a sensuous grain-free musicality of unparalleled transparency and low level resolution.
Balanced Topology	Inherent cancellation effects of balanced topology implemented throughout all power and input/output circuits ensures greatly reduced distortion and noise under dynamic signal conditions.
High Current Copper Bus-bars	High current, dual polarity, ultra low impedance copper bus-bars distribute both power supply input current and signal output current, virtually eliminating intra-circuit EMI signal contamination, greatly reducing internal wiring, while increasing circuit board rigidity.
High-Precision Surface Mount Components	Extensive use of Lead (Pb)-free, low temperature coefficient, active and passive surface-mount components results in significantly smaller loop areas, reduced circuit capacitance and inductance, and introduces less noise than conventional leaded components.
Transformer-Coupling and Isolation	Transformer coupled input circuitry provides universal component compatibility and virtually eliminate ground loop noise and RFI/EMI. Transformer coupling ensures identical amplifier overall gain when using unbalanced input adapters.
Power Factor Correction	Power Factor Correction (PFC) in the power supply reduces AC line harmonic noise pollution and increases AC line power utilization to 99%.
High-Efficiency Switch-Mode Power Supply	Highly efficient, compact, light weight, 1500 watt DC switch-mode power supply provides optimum voltage regulation for all circuits and operating conditions, and allows for quiet operation over a wide range of AC mains power sources.
Dual-Position Speaker Terminals	Dual CE approved speaker output terminals, in both horizontal and vertical orientation, require no tools for secure, low resistance connections, and allow for easy bi-wiring applications.
Flexible 20 amp AC Power	20 amp AC power inlet accepts a wide variety of after-market high-performance power cables.
Front Panel Standby Button	Illuminated front panel push-button switches the amplifier into standby mode (< 1 watt consumption).
Rear Panel Remote Jack	12V 3.5mm jack on rear panel permits amplifier power on/standby switching in remote and home theater applications.
Self-Leveling Supports	Removable 3-point self-leveling Delron chassis supports provide high frequency mechanical noise isolation.

Discover more at www.jeffrowland.com

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SPECIFICATIONS

Output Power	300 watts @ 8 ohms / 550 watts @ 4 ohms
Frequency Response	5 Hz – 350 kHz
S/N Ratio	95 dB, ref. 1.0 watt @ 8 ohm load
Output Noise	< 55 μ v, 20 Hz – 20 kHz, unweighted
Crosstalk	> 91 dB @ 1 kHz, 74 dB @ 20 kHz
Input Impedance	10k ohms
THD + Noise	0.005% @ 1 kHz, 8 ohms
Damping Factor	> 200, 20 Hz - 20 kHz
Overall Gain (Balanced or Unbalanced)	27 dB
Common Mode Rejection Ratio	> 90 dB, 20 Hz – 20 kHz
Absolute Phase Non-inverting	Pin 2 Positive
Inputs	1 pair balanced (XLR)
Outputs	2 pair parallel binding posts per channel
Power Consumption Idle	100 watts
Power Consumption Standby	1 watt
Amplifier Weight	54 lbs. / 24.5 kg
Amplifier Shipping Weight	64 lbs. / 29 kg
Overall Amplifier Dimensions (h/w/d)	5.75" x 15.5" x 16.25" / 146mm x 394mm x 413mm



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