

Boulder

2050 Mono Power Amplifier



Boulder delivers the highest level of perfection in sound amplification

Boulder is known for superbly detailed and highly musical power amplifiers and has moved amplifier design a giant step forward with the 2000 Series Class A Power Amplifiers.

The Boulder 2050 has an uncanny ability to keep any speaker load under full control while accurately rendering subtle detail, thus opening new possibilities for the creation of ultimate music reproduction systems.

Many design features make this amplifier a true Boulder statement. Innovative automatic load-sensing class A biasing provides ultra-low distortion at all listening levels.

The fully balanced input circuit uses a pair of Boulder 993s to provide noise-free input buffering and

most of the voltage gain. The output stage uses eighty output transistors and forty-eight power supply filter capacitors per chassis to assure stable, high current output into any load.

Heat sinks are machined from solid aluminum, providing both optimum heat dissipation and higher instantaneous peak power without distortion. Together with the other machined chassis parts, they also minimize resonances.

Lasting value requires that each component be of the highest quality. Even the feet have a special constrained-layer dampening material.

The 2050 Mono Power Amplifier is a rare combination of technical excellence and luxury. Your audition awaits.

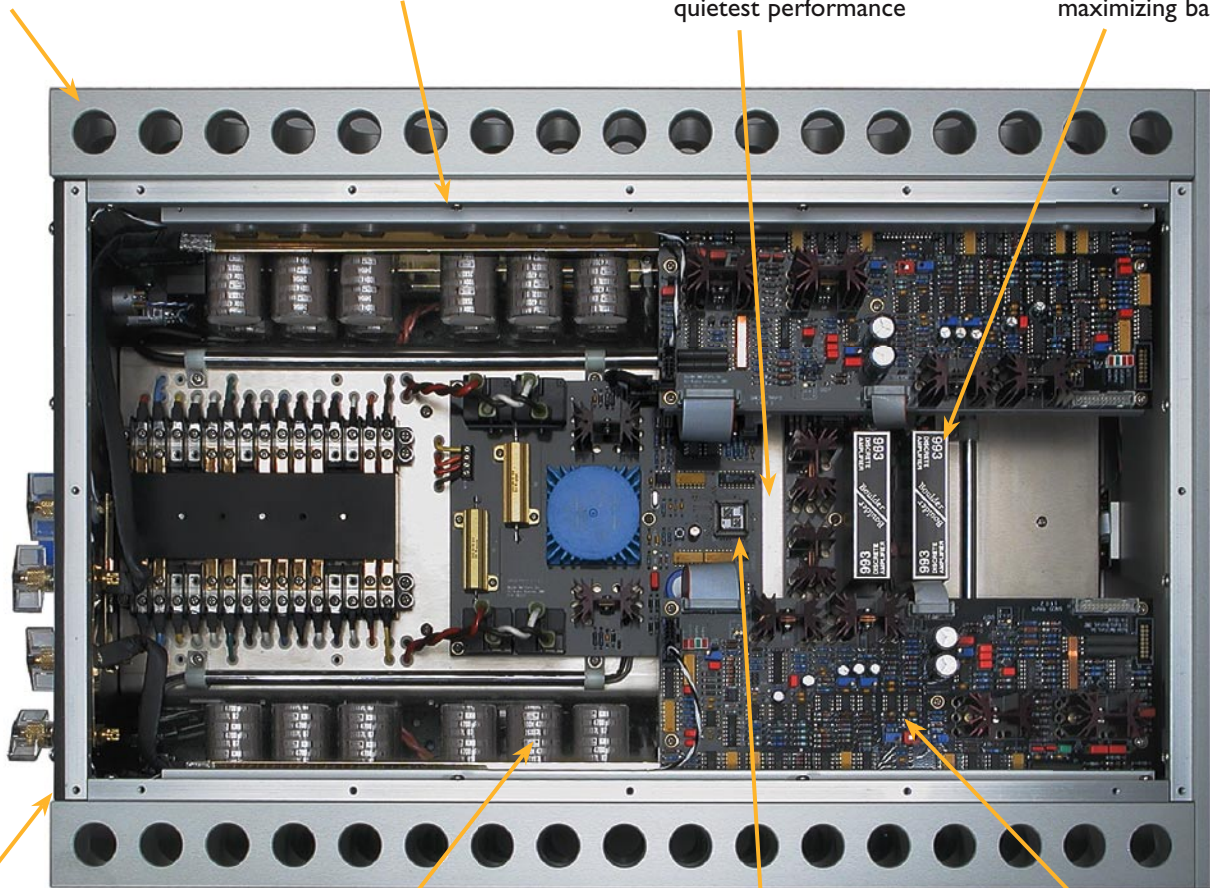
Boulder 2050 Mono Power Amplifier...the inside story

Dampened heatsinks are an integral part of Boulder's machined, quiet chassis

80 Output transistors provide stable operation with any loudspeaker

Encapsulated and magnetically shielded power transformers for quietest performance

993 Gain Stage Modules supply most of the gain in the first stage thus maximizing bandwidth



Boulderlink allows multiple 2060s to be sequentially turned on, and transmit their status to the display on a Boulder preamplifier

48 filter capacitors assure a low impedance, distributed power supply

Supervising microprocessor oversees all functions and communicates with other Boulders

Advanced protection circuits provide trouble-free operation

Easy to connect, rugged, high current, speaker terminals require no tools



Ultra-high current power connector

SPECIFICATIONS

OUTPUT POWER	1000W / 8,4,2 Ohms
PEAK POWER	2000W / 4 Ohms, 4000W / 2 Ohms
THD & NOISE	20 to 2kHz: .0005%, 20kHz: .0025%
FREQ RESPONSE	-3 dB @ 0.015Hz, 200kHz
VOLTAGE GAIN	26 dB
S/N RE: 1000W/8	135 dB, Unweighted 20 to 20kHz BW
INPUT IMPEDANCE	Bal: 200k, Unbal: 100k Ohms
INPUT CONNECTORS	3 Pin Balanced
SIZE	18.0 wide, 10.75 high, 26.75 deep (in.) (Add 12 in. for power connector)
WEIGHT	240, Shipping: 332 Pounds
POWER	120 VAC, 50-60 Hz, 5000 W Max

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