

# Boulder

## 850 Mono Power Amplifier



### *Boulder's classic design in a new package*

The 850 Mono Power Amplifier is immediately recognizable as a Boulder, sharing a visual likeness with its predecessors while still maintaining its own unique identity. Drawing technology from Boulder's 1000 and 2000 series, the 850 maintains the highest standards of quality and reliability yet makes unequalled Boulder performance available to an entirely new audience.

The **all analog** Boulder 850 avoids the sonic problems of switching amplifiers such as noise radiation, dynamic limiting, and IM distortion.

An elegant chassis houses one channel, thus

making a pair suitable for traditional stereo listening *or* a complete multi-channel home theater. Boulderlink and a 12V trigger enable the 850 to be connected to a home automation system or any Boulder preamplifier.

The 850 is completely designed and manufactured in Boulder, Colorado. Metalwork is fabricated in-house on CNC machining centers, assuring the strictest quality control and oversight of every detail.

Meticulously engineered and refined, the 850 delivers high power into any load while preserving the renowned Boulder sound quality.

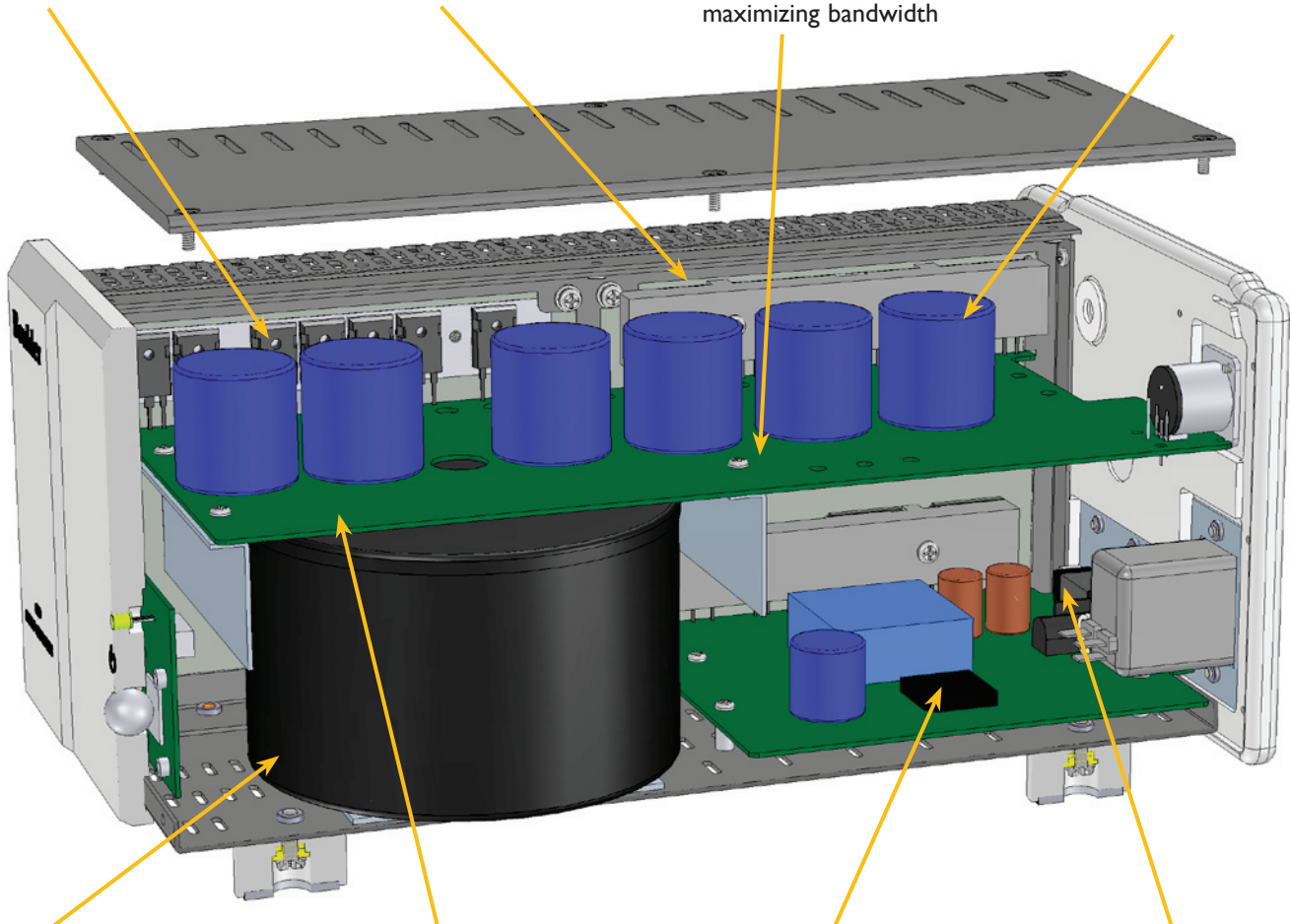
## Inside the Boulder 850 Mono Power Amplifier

12 Output transistors provide stable operation with any loudspeaker

Dampened heatsinks are an integral part of Boulder's unique chassis

Multiple gain stages provide most of the gain in the first stage thus maximizing bandwidth

6 filter capacitors assure a low impedance, distributed power supply



Encapsulated and magnetically shielded power transformers for quietest performance

Advanced protection circuits provide trouble-free operation

Supervising microprocessor oversees all functions and communicates with other Boulder products

Boulderlink allows multiple 850s to be sequentially turned on, and transmit their status to the display on a Boulder preamplifier

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



### SPECIFICATIONS

OUTPUT POWER 200W / 8,4,2 Ohms  
 PEAK POWER 400W / 4,2 Ohms  
 THD & NOISE 20 TO 2kHz: .0016%, 20kHz: .009%  
 FREQ RESPONSE -3 dB @ 0.015Hz, 150kHz  
 VOLTAGE GAIN 26 dB  
 INPUT IMPEDANCE Bal: 50k, Unbal: 25k Ohms  
 INPUT CONNECTORS 3 Pin Balanced  
 SYSTEM Boulderlink, 12V Trigger  
 SIZE 8.50 wide, 7.38 high, 15.25 deep (in.)  
 WEIGHT 29, Shipping: 34 Pounds  
 POWER 800 W Max

Boulder Amplifiers, Inc.  
 3235 Prairie Ave. • Boulder, CO 80301  
 303-449-8220 • www.boulderamp.com