



Welcome

The 861 Stereo Power Amplifier represents the concerted efforts of numerous Boulder designers, engineers, and technicians working to bring you the best audio playback components in the world.

Concept

The 861 Stereo Power Amplifier needed to fit in a chassis that shared the same footprint as the 812 to create a system that would beautifully pair together.

This makes the 861 the most compact and lightest stereo power amplifier that Boulder makes.

Mechanical Design

The 861 was designed, tested and assembled all under one roof in our 23,000 square foot dedicated factory in Louisville, Colorado. A short 10 minute drive from where the company was founded in Boulder, Colorado.

Much like the 866 Integrated Amplifier and the 812 DAC-Preamplifier, and the

861 Stereo Power Amplifier has the same gently sloping heatsinks.

The color, aesthetics, and cosmetics are conservative enough to blend seamlessly into nearly any home decor.

The 812 and 861 make for a home audio system with the total neutrality and musicality that Boulder Amplifiers is known for.

Inside the 861

The 861 is equipped with multiple sophisticated protection circuits, allowing the 861 to last for a lifetime.

Included in these protection circuits is a current limiter that in the event of a short will mute the output, preventing any damage to your speakers.

The Boulder 861 is a DC-coupled power amplifier with DC detect circuit that will mute the outputs to prevent any damage to your speakers.

A thermal protection circuit prevents the amplifier from reaching high operating temperatures that are unpleasant to the touch and potentially

harmful to the amplifier. A thermal detection circuit will mute the amplifier when the chassis cases reach 70°C.

The 861 can be programmed to allow for it to be turned on in succession by your 812 DAC-Preamplifier as long as they are connected to the same Network.

Big Sound, Humble Size

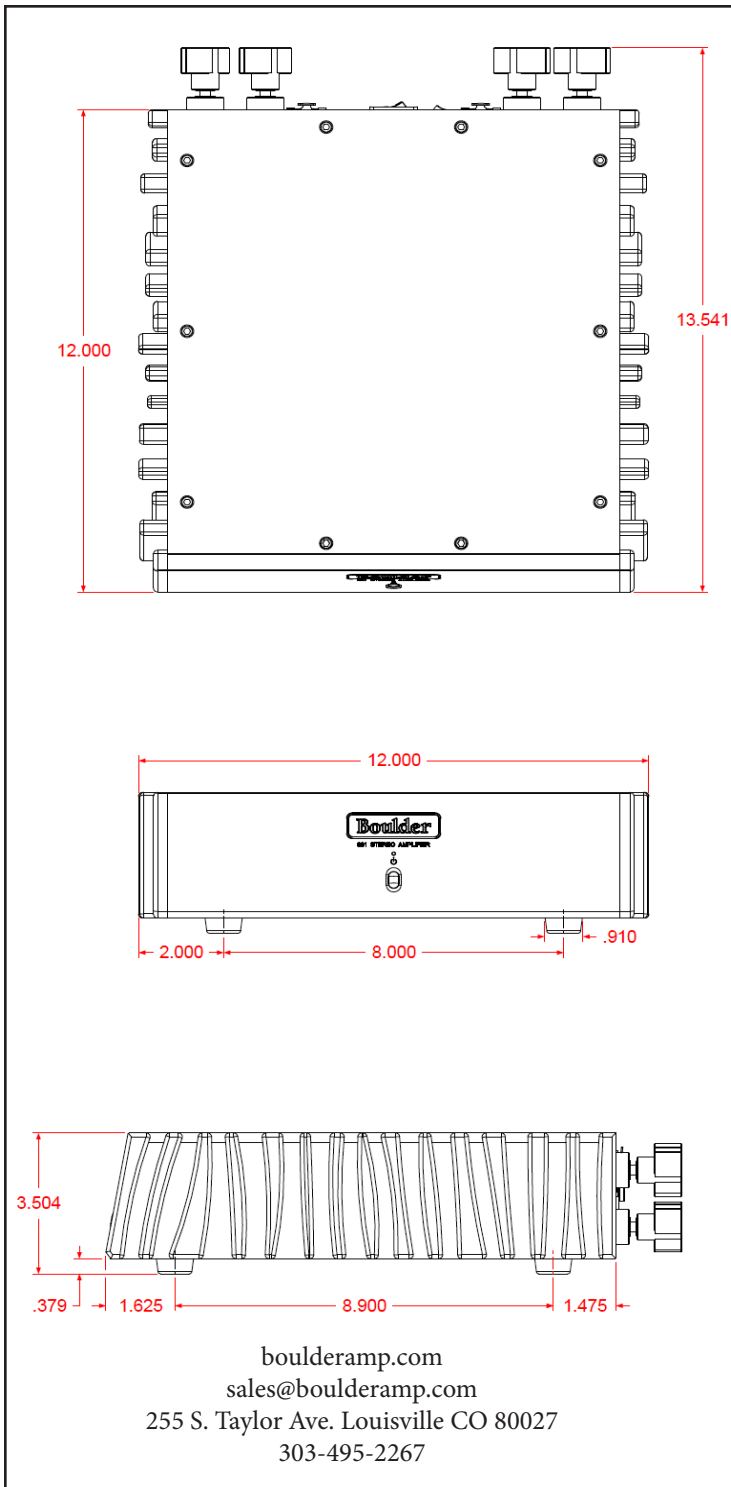
The 861 Stereo Power Amplifier offers 50W of unadulterated power.

50 Watts may not sound like a large number on paper, but the 861 is sure to surprise.

The 861 makes use of numerous output devices enabling it to deliver much more current than other 50 Watt designs

We encourage you to go listen to the 861 for yourself.

Ask your nearest authorized Boulder dealer if they have a demo that they can audition for you!



Technical Specifications

Continuous Power, 8Ω	50W
Continuous Power, 4Ω	90W
Peak Power, 8Ω	75W
Peak Power, 4Ω	110W
Peak Power, 2Ω	200W
Balanced Analog Inputs	1 Pair Balanced, 3-Pin XLR
Outputs	0.25"(6mm) Binding Posts
Distortion, THD	0.01%
Input Impedance	100kΩ Balanced
Equivalent Input Noise 20kHz	2.6μV
Freq. Response, 20Hz20kHz	+0.00, -0.04dB
Freq. Response, -3dB	0.015Hz, 150kHz
Gain	26dB
Power Requirements	100V, 120V, 240V, 50-60Hz
Power Consumption	550W Maximum
Dimensions(in.)	12" x 12" x 3.5"
Weight	22lbs

