

HAGERMAN PP12 Push Pull 12W Amplifier User Manual

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HAGERMAN PP12 Push Pull 12W Amplifier



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Hagerman Amplification

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Description

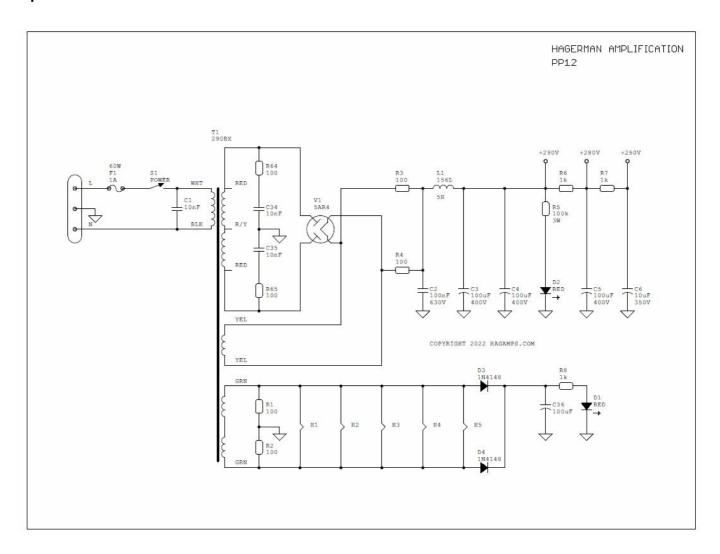
The PP12 is an all-new modern EL84-powered tube amplifier design incorporating the novel Hagerman Clipper circuit as its high-gain channel. Delivering a very clean and low-noise 8 watts makes it ideal as a pedal platform, or 12 watts when pushed hard. There is a half-power switch on the rear for bedroom practice. This is not your Grandfather's amplifier! It boasts many unique features not found elsewhere, such as inductive rectification, a contour tone control prior to clipping, the all-tube Hagerman Clipper, and a passive analog cabinet simulator for line/headphone output. Each stage is fine-tuned to play in harmony with the whole and the transition from clean to dirty is exceptionally smooth, remaining under control without introducing harshness. You can crank it up while maintaining tone and articulation. This original design sacrifices maximum power in exchange for better tonality and behavior, not to mention longer tube life.

PP12 is available in a custom pine head or as a combo cab with a 12" Jensen Alnico speaker (16 x 16 x 9). My woodworking is not the best, so keep that in mind. Please specify 120VAC or 240VAC when ordering.

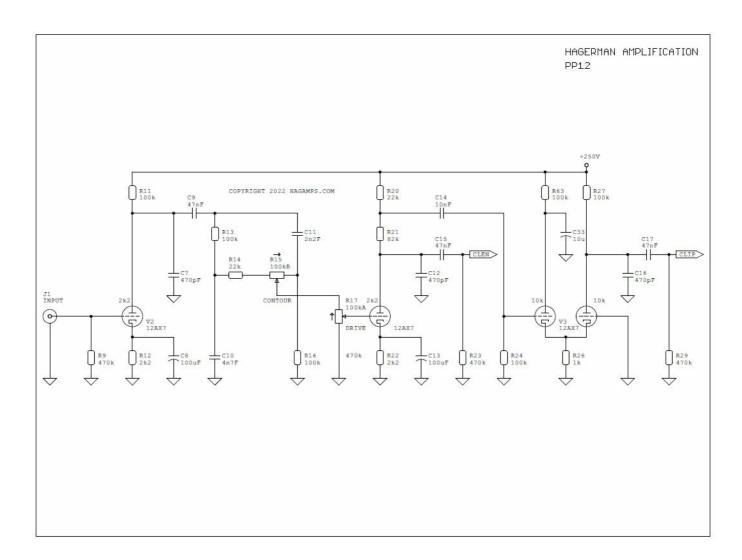
Specifications

Item Specification	
Output Power	8W @8W (12W dirty)
Tubes	2 x 12AX7, 1 x 12AU7, 2 x EL84, 1 x 5AR4
Controls	Contour, Drive, Clip, Bass, Treble, Level, Power
Outputs	8W Speaker, 32W Headphones
Size	16 x 8 x 7 inches, 15 pounds

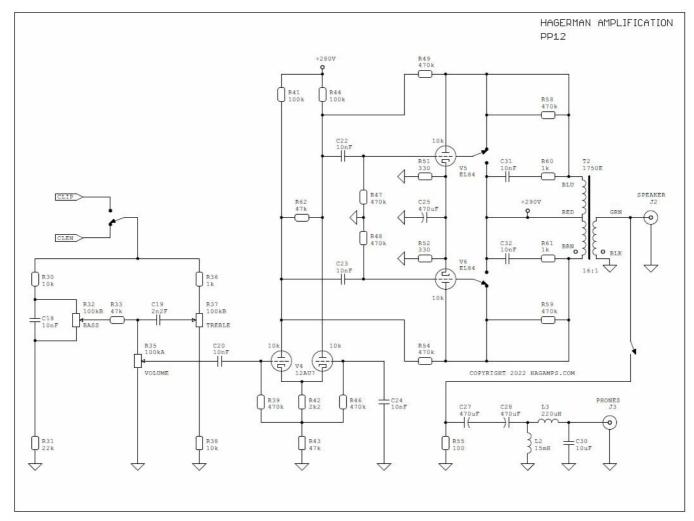
Operation



Do not operate the PP12 amplifier without tubes. As with most tube amplifiers, it takes at least 30 seconds to warm up.



The CONTOUR control is a tilt-style tone control that precedes the clipping stages.



For a Klon-like boost, set to around 2 p.m. CLIP selects between low and high-gain modes. By unplugging the SPEAKER output, the PHONES jack with analog cabinet simulation becomes active. Keep in mind to use a TRS (stereo) jack when using PHONES output.

Documents / Resources



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PP12 Push Pull 12W Amplifier, PP12, Push Pull 12W Amplifier, Pull 12W Amplifier, 12W Amplifier, Amplifier

References

• Hagerman Amplification

Manuals+,