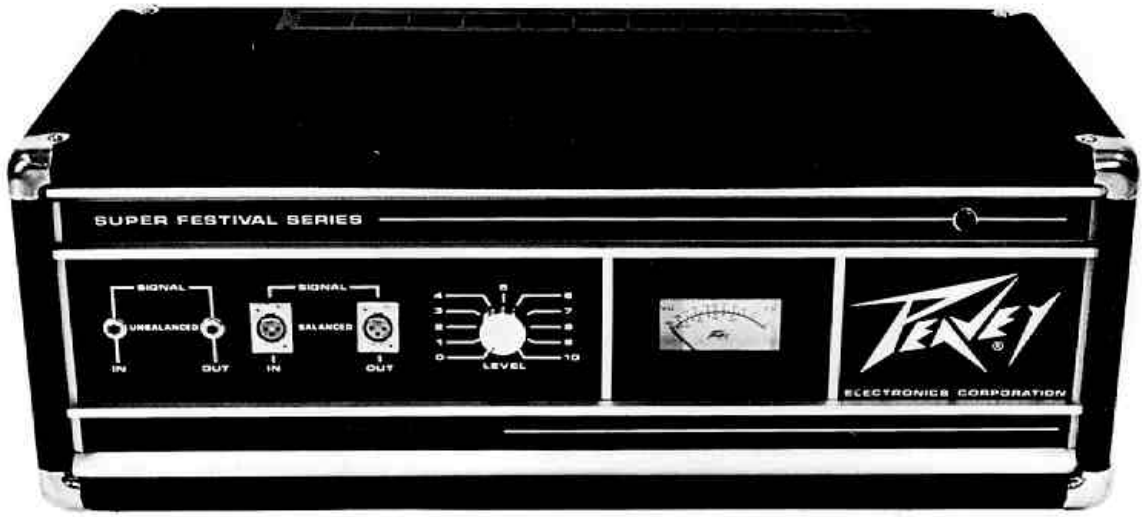
800 Booster



The 800 Booster features our field proven 800 module delivering 400 Watts RMS @ 0.2% THD. The 800 module uses ten high voltage 30 amp power devices mounted on a massive finned aluminum heatsink with the added safety margin of forced air cooling. The thermal tracking circuit as well as the integral thermal cutout are standard features of the 800 Booster.

The input circuit of the 800 Booster provides paralleled inputs for both balanced and unbalanced inputs and allows the bridging of several units together for more power, or for use with electronic crossovers. The wide dynamic range of the 800 Booster allows use with a very wide range of input voltages, including those of speaker output lines. The large VU meter is an accurate method for balancing the system or monitoring the amplifier's output signal. The 800 is built for continuous duty under field operating conditions and will exceed the capacity of many of the so called "commercial sound" and/or super powered stereo units into low load impedances under constant drive conditions.

SPECS

Frequency response:	**±1 dB 20 Hz to 20 kHz @ 1 W, 2 ohms**
Power @ clipping:	**Typically: 1% THD, 1 kHz, 120 VAC line**
	140 W RMS into 8 ohms
	260 W RMS into 4 ohms
	410 W RMS into 2 ohms
Rated power:	**400 W RMS @ 0.2% THD into 2 ohms**
Intermodulation distortion:	**Less than 0.3% from 0.5 W to 300 W, typically 0.2%**
Total harmonic distortion:	**Less than 0.2% from 0.5 W to 300 W 20 Hz to 10 kHz, typically 0.1%**
Hum & noise:	**90 dB below 400 W RMS output, 20 Hz to 20 kHz**
Slew rate:	**3 V per micro-second**
Load impedance:	**2 ohms or greater (stable into any load configuration)**
Damping factor:	**Greater than 50 (1 kHz, 2 ohms)**
Input sensitivity:	**0.8 V RMS for 400 W into 2 ohms**
Input impedance:	**15 K ohms (input overload protected)**
Load protection:	**Short, mismatch, open-circuit proof. Voltage/current limiting instantaneous with no thumps or cut-off**

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