

Speaker Building

Plate Amplifiers

HPSA500 and HPSA1000 Subwoofer Amplifiers

- Class AB output stage for powerful, clean output
- Patented tracking downconverter power supply increases efficiency
- Low frequency parametric EQ allows you to boost or adjust the sound
- Advanced soft clip circuitry improves headroom and protects woofers
- Auto On/Off and phase reversal switch for easy connection to any system



do you get to choose the frequency and level of boost or cut, but you can also control how wide or narrow the frequency band will be.



Easy to install and Hook-up! These advanced features are housed in a compact chassis with rear plastic enclosure that will fit in most subwoofer cabinets. Stereo RCA jacks for standard line level inputs allow use with a conventional stereo system, while a mono LFE (Low Frequency Effects) input supports connection to a home theater processor with built-in crossover.

Common Specifications:

Parametric EQ: Frequency: 18 to 80 Hz, Level: -14.5 to +6 dB, Bandwidth: .1-1

Low pass crossover: 30 to 200 Hz Phase: 0° (normal) or 180° (reverse)

Dimensions: 11-15/16" W x 11-15/16" H x 5-1/4" D. Enclosure cutout: 10" x 10".

Power requirements: Switchable 110V/220V 50-60 Hz

500 Watt Specifications: Measured power output: 273 watts RMS into 8 ohms @ 0.06% THD, 540 watts RMS into 4 ohms @ 0.15% THD. Signal to noise ratio: 98 dB (A-weighted). Net weight: 15.2 lbs.

1000 Watt Specifications: Measured power output: 512 watts RMS into 8 ohms @ 0.09% THD, 1,024 watts RMS into 4 ohms @ 0.15% THD. Signal to noise ratio: 98 dB (A-weighted). Net weight: 17 lbs.

#300-806 (500 watt amp) \$439.99 LIST **\$325.80** (1-3) **\$299.59** (4-UP)

#300-808 (1000 watt amp) \$574.99 LIST **\$425.80** (1-3) **\$399.60** (4-UP)

One of the most technologically advanced subwoofer amplifiers on the market! The state-of-the-art Class G circuit topology combines the high fidelity characteristics of a Class AB amplifier with the efficiency of a Class D amplifier. Clean, low-distortion bass is produced with less wasted heat and without instability problems found in other high-efficiency designs.

Wimpy subwoofer drivers need not apply! These amps were specifically designed for reliability and maximum power when used with long X_{MAX}, high power handling subwoofers. Other amplifier designs can become overheated or unstable due to the extra back-EMF these monster subwoofers usually generate.

Don't be afraid... Crank it up!! Sophisticated "soft clip" feature and optical limiting circuits monitor input levels and gently protect the amp and speaker from damage. This allows your subwoofer system to handle extreme input peaks such as movie explosions without distortion or damage to the subwoofer driver or the amplifier itself.

Achieve optimum performance in any room environment! The advanced parametric equalizer enables you to "dial in" a customized bass boost for your design or alternately can be used to remove an annoying room mode. Not only

SA100 Subwoofer Amplifier

- Line-level and speaker-level inputs for connection to any system
- Auto-on circuit comes on the instant the amp is needed
- Full complement of protection circuits for extreme reliability
- Variable frequency 4th order low-pass crossover for a clean transition to main speakers



Small but mighty! This high performance amplifier module packs big-amp features into a compact chassis. Great for when you need a healthy amount of power for a subwoofer that is small in size. It is also perfect for replacing a stock amp in a store-bought subwoofer that is damaged or blown. The solid construction of this amp gives it the reliability, stability, and outstanding sound quality that you need.

Specifications: Measured power output: 75 watts RMS into 8 ohms @ 0.1% THD, 100 watts RMS into 4 ohms @ 0.2% THD. Signal to noise ratio: 90 dB (A-weighted). Dimensions: 7-1/2" W x 8-11/16" H x 4-3/4" D. Enclosure cutout: 6-1/2" W x 7-3/4" H.

#300-802 \$148.99 LIST **\$109.86** (1-3) **\$99.88** (4-UP)

SA240 Subwoofer Amplifier

- Line-level and speaker-level inputs for connection to any system
- Auto-on circuit comes on the instant the amp is needed
- Soft-clip circuitry provides clean output even with demanding program material
- Full complement of protection circuits for extreme reliability
- Reversible phase switch for best integration with satellites
- Variable frequency 4th order low-pass crossover for a clean transition to main speakers



A plethora of features and robust design allow the SA240 to outperform any other sub amp that you will find at the same price point. The compact chassis with extensive heatsinking efficiently draws heat out of the amp, allowing it to play with lower distortion and greater stability than other similar amps. Add to this a 4th order low-pass filter, soft-clip circuit, and full protection schemes - this amp has everything you will need.

Specifications: Measured power output: 170 watts RMS into 8 ohms @ 0.1% THD, 240 watts RMS into 4 ohms @ 0.2% THD. Signal to noise ratio: 90 dB (A-weighted). Dimensions: 9-13/16" W x 9-13/16" H x 5" D. Enclosure cutout: 8-1/2" x 8-1/2".

#300-804 (No bass boost) \$188.99 LIST **\$139.98** (1-3) **\$133.31** (4-UP)

#300-805 (6 dB bass boost @ 30 Hz) . . . \$188.99 LIST **\$139.98** (1-3) **\$133.31** (4-UP)

Bash 300 Watt and 500 Watt BASH™ Subwoofer Amplifiers

- High power output in a compact, lightweight design
- Speaker and line level inputs for connection to any stereo
- Limiting circuit prevents audible clipping and protects woofers
- Auto On/Off and phase reversal switch



BASH patented amplifier technology was developed to offer extreme amounts of power without the wasted heat and energy of traditional amplifier designs. Add to this an intelligent circuit design, and you get benefits such as extremely low distortion and high signal to noise ratios. The combination of clean output and high power makes the BASH amplifiers some of the best sounding subwoofer amplifiers on the market.

Common Features: 50 to 150 Hz low-pass crossover, 0° or 180° phase, line level inputs, speaker level inputs, master on/off switch, auto on.

300 Watt Specifications: LFE input, 300 watts RMS @ .5% THD into 4 ohm load, Signal to noise ratio 105 dB A-weighted, Dimensions: 11" W x 7" H x 3-1/2" D.

500 Watt Specifications: Line outputs, 500 watts RMS @ .5% THD into 4 ohm load, Signal to noise ratio 105 dB A-weighted, Dimensions: 12" W x 8" H x 3-1/2" D.

#300-750 (300 Watt) \$299.99 LIST **\$149.87** EACH **\$139.46** (2-UP)

#300-752 (500 Watt) \$399.99 LIST **\$228.58** EACH **\$199.66** (2-UP)