

McIntosh®

PS1K POWERED SUBWOOFER



- Experience bass excellence with the McIntosh PS1K Powered Subwoofer. Expertly engineered with a passion for audio excellence, the PS1K enhances your home audio system by delivering deeper, more precise low frequencies.
- Design and construction of the PS1K embodies a no-compromise approach. At its core are two 13" woofers equipped with powerful magnets. These drivers feature our proprietary Low Distortion High Performance (LD/HP®) Magnetic Circuit Design, which significantly reduces distortion while boosting power handling and efficiency.
- The woofers are designed for extreme linearity to minimize distortion, with an extra-long voice coil and a suspension system engineered for extended linear travel.
- The PS1K features innovative multi-layer carbon fiber cones in the woofers. These cones provide unmatched rigidity and power handling. Unlike traditional single-layer carbon fiber cones, which could flex and degrade sound quality, the PS1K's multi-layer design offers exceptional strength and resists flexing.
- Feel the intensity of your favorite music and movies from the PS1K's dual 13" woofers, with each powered by a 500 watt Class D amplifier that combine to deliver up to 1,000 watts of total output. These amplifiers are carefully calibrated to minimize distortion, delivering tight, clear bass even in large listening spaces.
- The enclosure's nearly 1-1/2" (3.8cm) thick baffle ensures rigidity and minimizes vibration, while the sealed box design eliminates port noise.
- The PS1K's sonic and visual synergy with McIntosh speakers is impeccable, but its powerful capabilities also make it an ideal match for high-output speakers from other manufacturers. The PS1K will easily keep pace with the main speakers in any high-end home audio or home theater system and is capable of maintaining performance at high volumes without compromise.
- Built-in filtering controls let you fine-tune it to your listening preferences. Adjustable Low Pass and High Pass filters allow you to set the crossover frequency, while two fully adjustable parametric EQ filters help mitigate the effects of room acoustics and speaker placement. Level Control and Phase adjustment knobs ensure seamless blending of the PS1K's output with your existing audio system.

McIntosh®

PS1K POWERED SUBWOOFER



Driver Complement

Two 13" extra long excursion
Carbon Fiber Woofers
(incorporating LD/HP)

Impedance

8 ohms Nominal

Power Output

Amplifier: 1KW (Two 500W,
one per woofer)
Maximum Output > 113dB

Frequency Response

20Hz - 500Hz with LFE
20Hz - 100Hz without LFE

Filter Frequencies

High Pass: 40Hz - 100Hz
Low Pass: 40Hz - 100Hz
Phase: Continuously Variable
Parametric: Two band 30Hz -
100Hz, variable bandwidth
and level +/- 8dB

Input sensitivity (Rated Output)

1V Balanced
500mV Unbalanced (0.5V)

THD

Amplifier: 0.05%
Preamplifier: 0.005%

Voltage Gain

Amplifier: 31dB
Preamplifier: 10dB

Signal to Noise Ratio (A-weighted)

Amp: 115dB
Preamp: 100dB

Input Impedance

20K Ohms Balanced
10K Ohms Unbalanced

Maximum Input Signal

9V Balanced/4.5V Unbalanced

Power Requirements

120 Volts, 50/60Hz at 3.0 amps
240 Volts, 50/60Hz at 1.6 amps
Standby: Less than 0.25 watt

Enclosure Finish

Highly Polished Piano
Grade Black

Metal Finish

Anodized Aluminum Base;
High Durable Powder Coated
Plate Surfaces

Unit Dimensions (W x H x D)

19-1/4" (48.9cm) x 50-1/16"
(128.7cm) x 22-1/2" (57.2cm);
Base: 25-5/16" (64.3cm) x 28-
7/16" (21.43cm)

Weight

370 pounds (167.8 kg) net
638 pounds (310 kg) in
shipping carton

Shipping Carton

Dimensions (W x H x D)
36" (91.4cm) x 54" (137.2cm)
x 60.5" (153.7cm)

LEARN MORE

Visit mcintoshlabs.com



DISCOVER PS1K

Rev 00

Note: The PS1K has been tested and certified for indoor use only.