

McIntosh®

PS1K POWERED SUBWOOFER



McIntosh[®]

SINCE 1949

Sound is not just the DNA of McIntosh, it is the heartbeat that resonates within every product we bring to life, connecting music lovers to the soul-stirring power of sound. Join us on a journey to elevate your sound experience.





A MASTERFUL
BLEND OF
PRECISION,
POWER, AND
PASSION

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.

The McIntosh PS1K transforms your home audio system by delivering deeper, more accurate low frequencies that immerse you in sound. Designed with meticulous craftsmanship, it provides an unmatched level

of clarity and richness, making it a perfect addition to any audio setup. Whether you're feeling the punch of a bass drop or the subtle vibrations of a low note, the PS1K promises an unforgettable listening experience.



NO-COMPROMISE DESIGN

Design and construction of the PS1K subwoofer embodies a no-compromise approach. At its core are two 13" woofers (also referred to as drivers), 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.

Finite Element Analysis (FEA) was essential in optimizing these drivers, ensuring a sound experience that is nothing short of extraordinary. The drivers 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 also features innovative multi-layer carbon fiber cones in the woofers. These cones, with an integrated voice coil joint, 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, even during extended excursions.



FEEL THE SOUND

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 woofers are mounted above the amplifier module, which features a power output meter to display the PS1K's total output.

The enclosure's nearly 1-1/2" (3.8cm) thick baffle ensures rigidity and minimizes vibration, while the sealed box design eliminates port noise.



VERSATILITY FOR EASY SYSTEM INTEGRATION

The PS1K excels in both performance and versatility. Whether you're using a two-channel stereo system or a multi-channel home theater setup, the PS1K offers balanced stereo inputs and outputs, along with balanced and unbalanced subwoofer inputs and outputs.

This range of connection options supports nearly any installation, and daisy-chaining allows for multiple PS1Ks in a system.

Once connected to your preamplifier, integrated amplifier, or home theater processor, the PS1K's 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.



BUILT-IN
PROTECTION FOR
A LIFETIME OF
LISTENING

McIntosh prioritizes the longevity of your audio investment. The PS1K features two of our key protection technologies.

Power Guard® monitors the audio input signal and makes near-instantaneous adjustments to prevent harsh clipping, all without compromising sound quality.

Sentry Monitor™, our fuse-less short-circuit protection, disconnects the amplifier's output stage before current levels become unsafe and automatically resets when conditions normalize.



HARMONY OF SOUND, SIGHT AND CONVENIENCE

With a high gloss black finish, carbon trim, and aluminum base, the PS1K complements our XRT2.1K and XRT1.1K speakers, creating a stunning visual harmony.

For convenience, the PS1K includes our Power Control technology for seamlessly turning the subwoofer on or off from other McIntosh components, eco-friendly signal sensing ensures efficient power management, while glide feet for hard floors and spikes for carpeting provide a perfect fit in any space.

Enhance your audio experience with the McIntosh PS1K Powered Subwoofer – a masterful blend of precision, power, and passion. Contact your local dealer to embark on a journey that transcends sound and touches the depths of your soul. At McIntosh, we invite you to discover the art of sound, the ultimate inspiration for life's most memorable moments.

Also available is the PS2K Powered Subwoofer (right) which has four 13" woofers and a power rating of 2,000 watts.



PS1K SPECS

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

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McIntosh®



About McIntosh

McIntosh Laboratory, Inc. is the premier American designer and manufacturer of high-fidelity audio equipment.

Founded in 1949, McIntosh products are handcrafted by experts passionate about creating an unmatched sonic experience. From its factory in Binghamton, New York to all corners of the world, the McIntosh blue meters have become a symbol of quality audio and continue to own the premiere position in home audio entertainment for discerning

listeners. Powering events like President Lyndon Johnson's inauguration speech, world-renowned concert systems like Woodstock, the Grateful Dead's Wall of Sound and Despacio, McIntosh has shaped some of the most important moments in music and culture. McIntosh gives music enthusiasts the power to create their ultimate sound experience.

For the Consumer's Protection

In order to ensure the highest level of customer satisfaction, new McIntosh products may only be purchased from an Authorized McIntosh Dealer; and, with certain limited exceptions may only be purchased over-the-counter or delivered and installed by the Authorized McIntosh Dealer. McIntosh does not warrant, in any way, products that are purchased from anyone who is not an Authorized McIntosh Dealer, or that have had their serial numbers altered or defaced.

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DISCOVER PS1K