

McIntosh®

PS2K POWERED SUBWOOFER





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A SUBWOOFER
WITH OVER-THE-TOP
PERFORMANCE

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.

Experience unparalleled bass performance with the McIntosh PS2K Powered Subwoofer.

Crafted with meticulous precision and a profound passion for sound, the breathtaking PS2K is designed to elevate the listening experience by adding new depths of low frequency perfection.



BIG POWERFUL WOOFERS

The PS2K subwoofer leaves no room for compromise. Four 13" woofers, or drivers, with massive magnets are the heart and soul of the PS2K. They utilize our patented Low Distortion High Performance (LD/HP®) Magnetic Circuit Design, which significantly reduces distortion while increasing the driver's power handling and efficiency.

Finite Element Analysis (FEA) played a pivotal role in optimizing the drivers' performance, ensuring a sound experience that is simply breathtaking.

The drivers have been developed with extreme linearity in order to reduce distortion. The voice coil is extra long, while the suspension is specially designed with a long excursion to give longer linear capability than most drivers.



MULTI-LAYER CARBON FIBER CONES

Witness a new pinnacle in craftsmanship with the PS2K's innovative multi-layer carbon fiber cones. The cones have an integrated formed joint with the voice coil, resulting in extreme rigidity and high power handling capability.

While there have been carbon fiber cones available in the past, they were typically made from a single layer of carbon fiber and could still flex quite a bit, which could negatively impact sound performance.

We leave no room for acoustic compromises, so the multi-layer cones in the PS2K's drivers are very strong and can resist long, extended excursion travel without any unwanted flexing.



RAW POWER

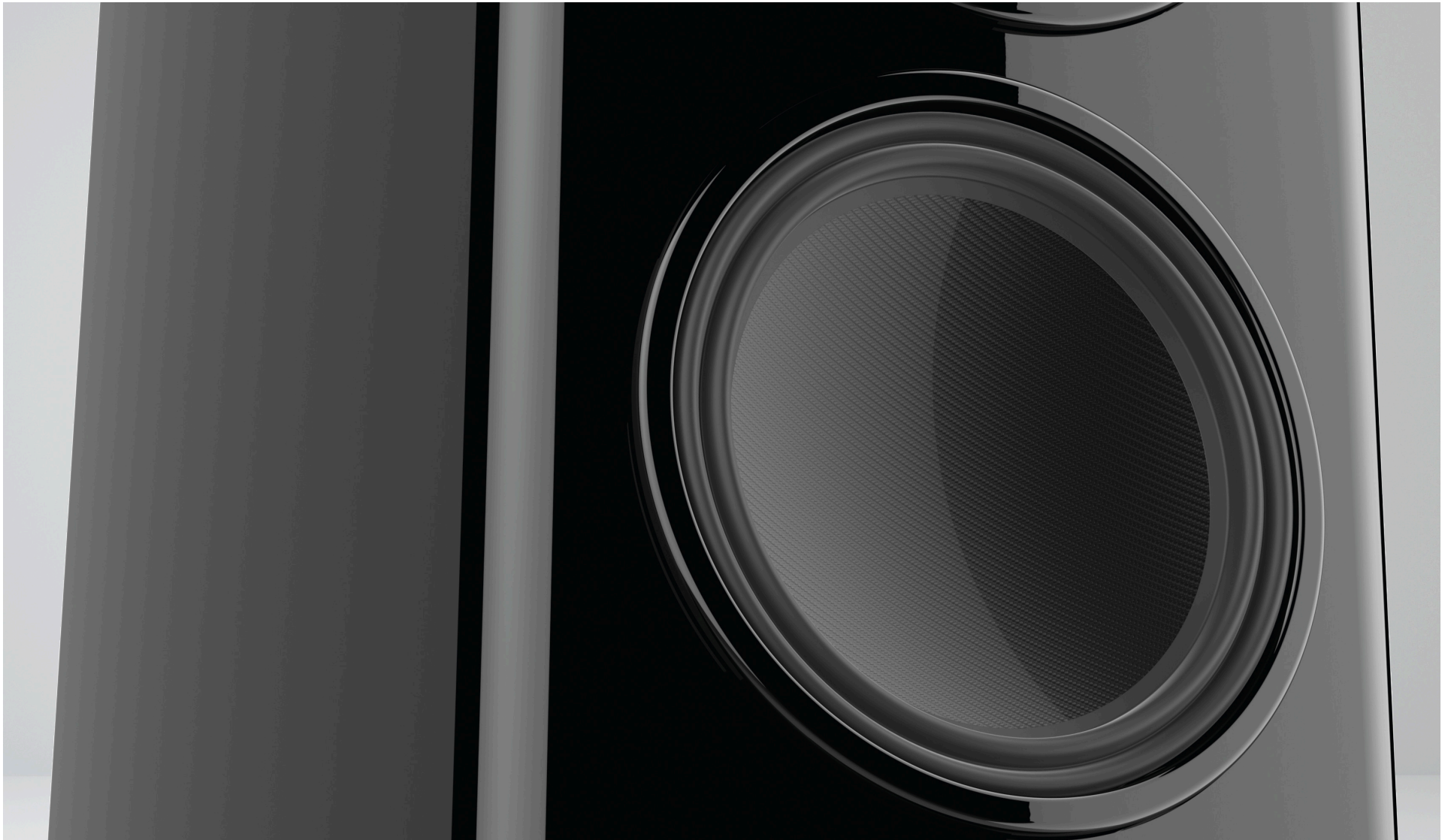
Feel the passion in your favorite songs and movies as the PS2K's four woofers, each driven by a dedicated 500 Watt Class D amplifier, unite to unleash a total power output of up to 2,000 Watts.

The amplifiers are meticulously calibrated to minimize distortion and produce clear, tight bass with astonishingly low distortion in even the most expansive listening spaces.

The woofers are stacked atop the amplifier module, which features a power output meter that shows the total output of the PS2K.

The enclosure baffle is nearly 1-1/2" (3.8cm) thick to ensure ultimate rigidity and low vibration, and has a sealed box design to eliminate any potential port noises.





BIG
PERFORMANCE
FOR ALL

The PS2K is designed to effortlessly keep up with the output levels that can be obtained with our Reference Two-Channel and Reference Home Theater systems. These systems are powered by our 2,000 Watt tri-chassis MC2KW monoblock amplifiers and feature our large XRT2.1K and XRT1.1K speakers (or the previous generation XRT2K and XRT1K

speakers); the PS2K will be a perfect match both sonically and visually with these McIntosh speakers.

With a sleek design that bridges the gap between power and finesse, the PS2K is also the perfect complement to high-output loudspeakers from other manufacturers. With its robust power

capabilities, the PS2K subwoofer will not "run out of steam" at the high volume levels achievable from the main speakers in any high-end home audio or home theater system.



SEAMLESS INTEGRATION AND ADJUSTABILITY

The PS2K is not only a powerhouse in performance but also a master of versatility. Whether you have a two-channel stereo system or a multi-channel home theater setup, the PS2K offers balanced stereo inputs and outputs, as well as balanced and unbalanced LFE inputs and outputs. This variety of connection options will satisfy virtually all installations. Daisy-chaining

capabilities are in place so that more than one PS2K can be used in a system. Once connected to your preamplifier, integrated amplifier, or home theater processor, a variety of built-in filtering controls makes it so you can precisely tailor the PS2K to your listening preferences.

Adjustable Low Pass and High Pass filters let you set the crossover frequency. Two fully adjustable parametric EQ filters help compensate for unwanted effects caused by the room, furniture, or loudspeaker placement. Finally, Level Control and Phase adjustment knobs allow you to harmoniously blend the PS2K's acoustic output with your existing audio system.



BUILT-IN
PROTECTION
FOR A
LIFETIME
OF LISTENING

At McIntosh, we prioritize the longevity of your audio investment. The PS2K comes with two of our indispensable protection technologies.

The first is Power Guard®, which monitors the audio input signal coming into the amplifiers and if necessary, makes real time, near speed of light adjustments to prevent harsh sounding clipping. These adjustments are imperceptible to your ear so there is no degradation to sound quality.

The second is Sentry Monitor™, our fuse-less short-circuit protection circuit that disengages the amplifier's output stage before current could ever exceed safe operating levels, and automatically resetting when operating conditions return to normal.



CRAFTED
TO INSPIRE

The PS2K's high gloss black finish with carbon trim and aluminum base reflects the elegance of our renowned XRT2.1K and XRT1.1K speakers, creating an awe-inspiring visual harmony.

Designed with convenience in mind, the PS2K incorporates our Power Control technology for seamless integration with other McIntosh equipment.

Our eco-friendly on/off signal sensing ensures efficient power management, while the inclusion of glide feet for hard floors and spikes for carpeting ensures an effortless fit in your space.



EXPERIENCE
THE PINNACLE
OF BASS
PERFECTION

Elevate your audio experience with the McIntosh PS2K Powered Subwoofer – a masterclass in precision, power, and passion.

Contact your local dealer today and embark on a journey that transcends sound, reaching the depths of your soul.

At McIntosh, we invite you to discover the art of sound – the ultimate inspiration for life's grandest moments.





PS2K POWERED SPECS

Note: The PS2K has been tested and certified for indoor use only.

System Driver Complement

Four 13 inch extra long excursion
Carbon Fiber Woofers
(incorporating LD/HP)

Impedance Nominal

8 ohms Nominal

Power Output

Amplifier: 2KW
(Four 500W, one per woofer)
Maximum Output > 120 dB

Frequency Response

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

Filter Frequencies

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

Input Sensitivity

500mV unbalanced (0.5V)
1V Balanced

THD

Amplifier: 0.05%
Preamp (Rear Panel Outputs): 0.005%

Voltage Gain

Amplifier: 31dB
Preamplifier: 10dB

Signal to Noise ratio (A-weighted)

Amp: 115dB
Preamp: 100dB

Input Impedance

20,000 Ohms Balanced
10,000 Ohms Unbalanced

Maximum Input Signal

4.5V Unbalanced
9V Balanced

Power Control In

5-20 VDC Trigger

Power Requirements

120 Volts, 50/60Hz at 6.0 amps
240 Volts, 50/60Hz at 3.0 amps

Enclosure Finish

Highly polished Piano Grade Black

Metal Finish

Anodized Aluminum Base
High Durable Powder Coated
Plate Surfaces

Overall Dimensions

Width is 19 1/4 inches (48.9cm)
Height is 22 1/2 inches (57.2cm)
Depth is 78 5/8 inches (199.7cm)
The Base is 25 5/16 inches by
28 7/16 inches

Weight

458 pounds (207.7 kg) net
932 pounds (422.7 kg) in ship carton

Shipping Carton Dimensions

Width is 36 inches (91.4cm)
Depth is 54 inches (137.2cm)
Height is 89 inches (226.1cm)



XRT2.1K
Floorstanding Loudspeaker



XRT1.1K
Floorstanding Loudspeaker



XCS1.5K
Center Channel Loudspeaker

SUGGESTED
PARTNERING
PRODUCTS

McIntosh®

MADE OF SOUND™



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.

Learn More

Visit mcintoshlabs.com



DISCOVER PS2K