

MC2KW 2,000 WATT MONOBLOCK POWER AMPLIFIER



Ordinary amplifiers simply do not have enough power to reproduce full-sized live music without running out of power on short transients. The MC2KW is no ordinary amplifier. It has what it takes (8000 watts on musical peaks) to reproduce a full orchestra's dynamic power without strain or limiting.

The unique design of the MC2KW incorporates three modules separating the power from the output. Each 1000 watt Power Module contains half of the balanced circuitry complete with its own power supply resulting in the double balanced configuration. The Output Module houses the input and output connections, meter and output autoformer and functions as the control center. The signal from the Power Modules enters a doublewound, mirror image output transformer where each kilowatt of power is added canceling noise and distortion.

The MC2KW Power Amplifier is available exclusively through McIntosh Authorized Platinum Premier Dealers.

“enough power to accurately produce a live musical event without distortion”

- Balanced and Unbalanced Inputs
- Thruputs for Bi and Tri-Amping
- Connections for 8, 4, and 2 Ohms
- 3 Full Sets of Terminals for Tri-Wiring
- Power Control Triggers (In and Out)
- Peak Responding Output Meter
- Meter Hold Front Panel Switch
- Silent Convection Cooling
- Cool-Running High Efficiency Circuits
- Thermal Track Output Transistors
- Safe Operation to Below 2 Ohms
- Sentry Monitor Protection
- Power Line Inrush Protection
- Fiber Optic Front Panel Lighting

McIntosh®

LEGENDARY™

MC2KW 2,000 WATT MONOBLOCK POWER AMPLIFIER



FREQUENCY RESPONSE

+0, -0.25dB from 20Hz to 20kHz
+0, -3.0dB from 10Hz to 100kHz

TOTAL HARMONIC DISTORTION

0.005% maximum harmonic distortion at any power level from 250 milliwatts to 2000 watts, 20Hz to 20kHz

INTERMODULATION DISTORTION

0.005% maximum, if instantaneous peak power output does not exceed 4000 watts, for any combination of frequencies from 20Hz to 20kHz.

A-WEIGHTED SIGNAL-TO-NOISE RATIO

Unbalanced: 90dB (123dB below rated output)
Balanced: 94dB (127dB below rated output)

POWER OUTPUT

2000 watts into an 8, 4, or 2 Ohm load is the minimum sine wave continuous average power output. The output RMS voltage is:
126.5V across 8 Ohms
89.5V across 4 Ohms
63.3V across 2 Ohms

INPUT IMPEDANCE

10,000 Ohms

OUTPUT LOAD IMPEDANCE

Three pairs of terminals each for 8, 4 and 2 Ohms

INPUT SENSITIVITY

2.5V unbalanced; 5V balanced

WIDE BAND DAMPING FACTOR

Greater than 40

DYNAMIC HEADROOM

2dB

RATED POWER BAND

20Hz to 20kHz

POWER GUARD®

Clipping is prevented and THD does not exceed 2% with up to 14dB overdrive

POWER REQUIREMENTS

Each Power Module:
100 Volts, 50/60Hz, 1440 Watts
110 Volts, 50/60Hz, 13 Amps
120 Volts, 50/60Hz, 12 Amps
220 Volts, 50/60Hz, 7.5 Amps
230 Volts, 50/60Hz, 6.5 Amps
240 Volts, 50/60Hz, 6.5 Amps

Output Module:

100 Volts, 50/60Hz, 35 Watts
110 Volts, 50/60Hz, 35 Watts
120 Volts, 50/60Hz, 35 Watts
220 Volts, 50/60Hz, 35 Watts
230 Volts, 50/60Hz, 35 Watts
240 Volts, 50/60Hz, 35 Watts

OVERALL DIMENSIONS (H x W x D including handles, connectors and feet)

MC2KW Output Module and Power Module:
12-5/16" (31.27cm) x 17-3/4" (45.1cm) x 26-5/8" x (62.54cm)

WEIGHT

MC2KW Output Module: 121 lbs. (54.9kg) net;
146 lbs. (66.2kg) in shipping carton
MC2KW Power Module: 158 lbs. (71.7kg) net;
183 lbs. (83kg) in shipping carton

EXCLUSIVE MCINTOSH POWER ASSURANCE SYSTEM

A collection of technologies that enhance performance and reliability while protecting the amplifier and loudspeakers.

POWER GUARD®

A waveform comparison circuit continuously monitors both input and output signals. Power Guard dynamically adjusts the input level to avoid clipping while preventing harsh sounding distortion.

SENTRY MONITOR®

Fuse-less short-circuit protection circuit disengages the output stage before current exceeds safe operating level – resets automatically.

OUTPUT AUTOFORMER®

Unique McIntosh technology delivers the full rated amplifier output with the least possible distortion into loudspeaker impedances of 2, 4, or 8 Ohms; you get all the power you paid for and the freedom to choose any loudspeaker.

WATTMETER

Swift, accurate response reveals program peaks so staying within the power limits of your loudspeakers is easy.

FOR THE CONSUMER'S PROTECTION

In order to ensure the highest level of customer satisfaction, "new" McIntosh products may only be purchased over-the-counter or delivered and installed by an Authorized McIntosh Dealer.

McIntosh products that are purchased over the Internet, by phone or mail order are presumed to be "used" and do not qualify for any McIntosh Warranty. McIntosh does not warrant, in any way, products that are purchased from anyone who is not an Authorized Dealer or products that have had their serial number altered or defaced.

McIntosh

www.mcintoshlabs.com

To experience the legendary performance of McIntosh, please call on us at 1-800-538-6576