

MC1.2KW MONOBLOCK POWER AMPLIFIER



Producing a massive 1,200 watts, the MC1.2KW is the most powerful single chassis McIntosh amplifier. The extraordinary Quad Balanced design of the MC1.2KW actually consists of two complete amplifier circuits, one the mirror image of the other, whose outputs are combined in the unique McIntosh Output Autoformer®, resulting in totally balanced operation from input to speaker output and the cancellation of virtually all distortion.

The hand-crafted McIntosh Autoformer with output connections for two, four and eight Ohms, creates the ideal impedance match to guard against unwanted distortion or a reduction in power. The McIntosh autoformer guarantees that all loudspeaker types may be used with the MC1.2KW.

A giant hand-built, true-power, peak responding wattmeter, set into the ½" thick glass front panel, provides real time power indication assuring safe operation with all speakers. Advanced fiber-optic/LED illumination guarantees decades of beautiful, maintenance-free, front panel illumination.

The meter may have the illumination turned on or off by selected McIntosh preamp models using the Stereo Power Control connection.

*"the finest
loudspeakers will
always sound their
best when used
with the MC1.2KW"*

Quad Balanced Design

Exclusive McIntosh Power Assurance System

High Output Current Capability

Wide Bandwidth

Fiber-Optic Illuminated 3D Glass Front Panel

McIntosh®

LEGENDARY™

MC1.2KW MONOBLOCK POWER AMPLIFIER



POWER OUTPUT

1200 watts into an 8, 4 or 2 Ohm load is the minimum sine wave continuous average power output.

OUTPUT LOAD IMPEDANCE

Terminals for 8, 4 and 2-Ohms

RATED POWER BAND

20Hz to 20kHz

TOTAL HARMONIC DISTORTION

0.005% maximum harmonic distortion at any level from 250 milliwatts to rated power output.

DYNAMIC HEADROOM

2dB

FREQUENCY RESPONSE

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

INPUT SENSITIVITY

2.5V Unbalanced, 5V Balanced

A-WEIGHTED SIGNAL TO NOISE RATIO

120 below rated output, Unbalanced
124dB below rated output, Balanced

INTERMODULATION DISTORTION

0.005% maximum if instantaneous peak power output does not exceed twice the rated output, for any combination of frequencies from 20Hz to 20kHz

WIDE BAND DAMPING FACTOR

Greater than 40

INPUT IMPEDANCE

10,000-Ohms

POWER GUARD

Less than 2% THD with 14dB overdrive

POWER REQUIREMENT

100 volts, 50/60Hz, 13 amps
110 volts, 50/60Hz, 12 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

ADDITIONAL SPECIFICATION

DC Failure Protection
Thermal Sensors
Turn-on Delay
Soft Start Inrush Protection
Balanced and Unbalanced Inputs
Remote Power Control
Massive Gold Plated Output Binding Posts
Stainless Steel Chassis w/ Super Mirror Finish

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.

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

McIntosh®

www.mcintoshlabs.com