

MC1201
Monoblock
Power Amplifier



**“the legendary MC1201—
the most powerful
McIntosh amplifier ever”**

Producing a massive 1,200 watts, the MC1201 is the most powerful amplifier ever created by McIntosh Laboratory. The extraordinary quad-differential design of the MC1201 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 McIntosh Autoformer®, a hand-crafted transformer with output connections for two, four and eight ohms, creates an ideal impedance match to guard against distortion and reduction in power. A McIntosh amplifier with an Autoformer® can also safely drive multiple speakers connected in parallel, without shortening the life expectancy of the output stage. Far from exacting any performance penalty, the Autoformer®'s frequency response exceeds that of the output circuit, and extends well beyond the audible range, for almost immeasurably low distortion.

- Double-Balanced Push-Pull Design
- Exclusive McIntosh Output Autoformer®
- Exclusive McIntosh Power Assurance System
- Power Guard® Clipping Protection
- Sentry Monitor® Current Protection
- Thermal Cutout
- DC Failure Protection
- Turn-On Delay
- Soft Start Inrush Protection
- Illuminated Peak-Responding Wattmeter
- Balanced Connections
- Remote Power Control

POWER OUTPUT

A Tradition of Excellence



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MC1201 Monoblock Power Amplifier

EXCLUSIVE MCINTOSH POWER ASSURANCE SYSTEM

A collection of technologies that enhance performance and reliability and protect the amp and the loudspeakers.

Power Guard® clipping protection

A waveform comparison circuit continuously monitors both input and output signals and dynamically adjusts the input level to insure maximum output power while preventing harsh sounding clipping distortion.

Sentry Monitor® current protection

continually senses the voltage and current of the output stage and confines it to a safe limit, without limiting power output.

Thermal cutouts protect your amp

from overheating if cooling air is blocked and transistors become too hot.

DC failure protection guards

speakers against output circuit failure. The output autoformer prevents DC from reaching the speaker.

Turn-on delay delays operation for

about two seconds after turn-on, to silence any pops or thumps generated by other equipment.

Soft Start inrush protection

eliminates component stress during turn-on. Thermistors in the power transformer act as a cushion against inrush current. Soft Start is one of many details that contribute to the remarkable longevity of McIntosh equipment.

FREQUENCY RESPONSE

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

TOTAL HARMONIC DISTORTION

0.005% max. at any level from
250mW to rated power output

INTERMODULATION DISTORTION

SMPTE 0.005% maximum if
instantaneous peak output does
not exceed twice the output rating

A-WEIGHTED SIGNAL-TO-NOISE RATIO

Bal.: 124dB below rated output
Unbal.: 120dB below rated output

RMS POWER OUTPUT (8/4/2 OHMS)

1,200W min. sine wave continuous
average power output from 20Hz to
20kHz

INPUT IMPEDANCE

10k ohms

OUTPUT LOAD IMPEDANCE

Terminals for 8, 4, or 2 ohms

INPUT SENSITIVITY

2.45V unbalanced

4.9V balanced

WIDE BAND DAMPING FACTOR

100 (8 ohms)

DYNAMIC HEADROOM

2.1dB

RATED POWER BAND

20Hz to 20kHz

POWER GUARD®

Clipping is prevented and THD does
not exceed 2% with up to 14dB
overdrive at 1kHz

POWER REQUIREMENTS

120V 50/60Hz, 15A

DIMENSIONS (H X W X D)

inch: 11 x 17.75 x 19.63
cm: 27.9 x 45 x 49.9

Panel clearance required in front of
mounting panel is 1¼ inches (4.5 cm)
for handles

WEIGHT

147 lbs. (66.8kg) net
172 lbs. (78.2kg) boxed

Double balanced push-pull design

1 x 1,200 watts (8/4/2 ohms)

High output current capability (> 200 amps)

Balanced and unbalanced inputs

Exclusive McIntosh output autoformer

Wide power bandwidth, ultra-low distortion

Exclusive McIntosh Power Assurance System

Illuminated peak-responding wattmeter with hold

Regulated illumination

Remote power control

Massive gold-plated five-way output binding posts

Fanless convection cooling

Modular construction with stainless steel chassis

1/2"-thick glass front panel with illuminated nomenclature

