

MC207
Seven Channel Amplifier with DPM™
Dynamic Power Manager



“the muscle power needed for home theater
combined with the musicality
that McIntosh is known for”

With so much power in the MC207, you might not expect to see super low noise (112dB down), almost immeasurable distortion (0.005%), and cool operation. McIntosh has applied over 55 years of power amplifier design and build experience into the MC207.

Dynamic Power Manager, a new McIntosh innovation, ensures that everyone gets all the power they paid for. Unlike other high-current amplifiers, the MC207 delivers full power of 200 x 7 channels into either 4 or 8 ohm loudspeakers. The meters even recalibrate to the speaker load!

The McIntosh inverted, polished stainless steel, chassis design places heat producing components above the chassis for cooler operation and keeps sensitive circuits below in a shielded environment.

Modular Construction is used throughout the MC207. This internal construction is a lesson in clean, computer-aided mechanical and electrical engineering.

The Exclusive McIntosh Power Assurance System built into the MC207 unites several of our patented and unique features that enhance performance and reliability while protecting the amplifier and loudspeakers.

McIntosh Glass Panel with Fiber-Optic Illuminated Nomenclature
Soft-Start In-Rush Current Protection
Oversized, Cool-Running Power Supply
Remote Power Control Trigger
Inverted Chassis Design
Multi-Way Speaker Binding Posts
Balanced XLR and Unbalanced RCA
Gold Plated Input Jacks
Peak-Responding Wattmeters with Switchable Hold Function

A Tradition of Excellence



McIntosh Laboratory, Inc. 2 Chambers Street, Binghamton, New York 13903-2699
Tel (607) 723-3512 • US Toll-Free (800) 538-6576 • Fax: (607) 724-0549 • www.mcintoshlabs.com

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.

MC207 Seven Channel Power Amplifier

DYNAMIC POWER MANAGER™

A new "smart" circuit optimizes amplifier characteristics for the impedance of the speakers connected automatically, always delivering the full power the amplifier is capable of.

SENTRY MONITOR

Prevents amplifier damage in case of accidental short circuits in the speaker wires, *without the use of fuses.*

OUTPUT WATTMETERS

Staying within the power limits of speakers is easy with the McIntosh illuminated, peak-reading meters.

POWER GUARD

Prevents overdriving the amplifier (clipping) by turning the volume down, and back up before overload happens. This can all take place in 1/1000 of a second, using a photo-optic circuit. This is protection at the speed of light.

PANEL DESIGN

McIntosh glass panels do more than look great. Long-life fiber-optic back-lighting makes operation easy in low light. Applying the lettering to the rear of the panel preserves both beauty and highest resale value... a McIntosh hallmark feature.

POWER OUTPUT:

Minimum Sine wave continuous average power output per channel, all channels operating is 200 watts into a 4 ohm or 8 ohm load.

RATED POWER BAND:

20Hz to 20kHz

TOTAL HARMONIC DISTORTION:

Maximum total harmonic distortion at any power level from 250 milliwatts to rated power output is 0.005% for 4 or 8 ohm loads.

DYNAMIC HEADROOM:

1.7dB

FREQUENCY RESPONSE:

+0, -0.25dB from 20Hz to 20kHz
+0, -3dB from 10Hz to 100kHz

SENSITIVITY:

1.0 Volt balanced with a
4 ohm speaker
2.0 Volt unbalanced with a
4 ohm speaker
1.4 Volt balanced with a
8 ohm speaker
2.8 Volt unbalanced with a
8 ohm speaker

A-WEIGHTED SIGNAL-TO-NOISE RATIO:

89dB (112dB below rated output)

INTERMODULATION DISTORTION:

Maximum intermodulation distortion if instantaneous peak output per channel does not exceed twice the rated output, for any combination of frequencies from 20Hz to 20kHz, with all channels operating is 0.005% for 4 or 8 ohm loads.

INPUT IMPEDANCE:

20,000 ohms balanced
10,000 ohms unbalanced

WIDE BAND DAMPING FACTOR:

Greater than 60 at 4 ohms
Greater than 140 at 8 ohms

POWER REQUIREMENTS:

100 Volts, 50/60Hz, 14.4 amps
110 Volts, 50/60Hz, 13.0 amps
120 Volts, 50/60Hz, 12.0 amps
220 Volts, 50/60Hz, 6.0 amps
230 Volts, 50/60Hz, 6.0 amps
240 Volts, 50/60Hz, 6.0 amps

OVERALL DIMENSIONS (H x W x D)

9-7/16" (24cm) x 17-1/2" (44.5cm) x 18-3/4" (48cm)

WEIGHT:

83 lbs. (37.6kg) net, 116 lbs. (52.6kg) boxed

