

# MC205 POWER AMPLIFIER



With a total of 1000 watts of power, the MC205 delivers all the explosive dynamics that high-performance home theater systems require. What's more, by incorporating McIntosh's Dynamic Power Management (DPM)<sup>TM</sup> circuit topology, the MC205 delivers full power into a wide variety of loudspeaker types.

Unlike other high-current designs, the MC205 delivers the same 200 watts per channel into both 4-Ohm and 8-Ohm loudspeakers. The Dynamic Power Manager automatically controls and optimizes the power supply's voltage and current balance delivering higher voltage that 8-Ohm speakers require, and automatically adjusting for current-hungry 4-Ohm speakers.

Versatility reigns with the MC205. Aside from a 5-channel home theater amplifier the MC205 can also be used as a two zone amplifier with three channels in one zone and the remaining two channels assigned to a second zone.

McIntosh amplifiers, whether two-channel or multi-channel designs, are known for smooth, non-fatiguing sound, and the MC205 is no exception. Distortion remains below 0.005% across the entire 20-20,000 audio band at full power. Noise levels are vanishingly low, and five balanced (XLR) input connections help prevent noise pickup in connecting cables from degrading the amplifier's low noise advantages.

*"the muscle power needed for home theater combined with the musicality that McIntosh is known for"*

Five 200 Watt Channels

Two-Zone Operation

McIntosh Glass Panel with Fiber-Optic Illuminated Nomenclature

Soft-Start In-Rush Current Protection

Oversized, Cool-Running Power Supply

Remote Power Control Trigger

Multi-Way Speaker Binding Posts

Balanced XLR and Unbalanced RCA Gold Plated Input Jacks

## McIntosh<sup>®</sup>

LEGENDARY™



#### POWER OUTPUT

200 Watts into 4-Ohm or 8-Ohm loads minimum sine wave continuous average power output per channel with all channels operating. The output RMS voltage is 40.0 across 8-Ohms and 28.3 across 4-Ohms.

#### OUTPUT LOAD IMPEDANCE

8 or 4 Ohms

#### RATED POWER BAND

20Hz to 20kHz

#### TOTAL HARMONIC DISTORTION

0.005% maximum harmonic distortion at any power level from 250 milliwatts to rated power per channel from 20Hz to 20kHz, all channels operating.

#### DYNAMIC HEADROOM

1.7dB

#### FREQUENCY RESPONSE

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

#### INPUT SENSITIVITY

8 Ohms: 1.4 volt unbalanced; 2.8 volts balanced  
4 Ohms: 1 volt unbalanced; 2 volts balanced

#### SIGNAL-TO-NOISE RATIO (A-WEIGHTED)

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

10,000 Ohms unbalanced 20,000 Ohms balanced

#### WIDE BAND DAMPING FACTOR

8 Ohms; greater than 140, 4 Ohms; greater than 70

#### POWER REQUIREMENTS

100 volts, 50/60Hz, 12 amps  
110 volts, 50/60Hz, 11 amps  
120 volts, 50/60Hz, 10 amps  
220 volts 50/60Hz, 6 amps  
230 volts, 50/60Hz, 6 amps  
240 volts, 50/60Hz, 6 amps

#### DIMENSIONS (INCLUDING CLEARANCE FOR CONNECTORS) H X W X D

9-7/16" (24cm) x 17-1/2" (44.5cm) x 21" (53.3cm)

#### WEIGHT

81 lbs. (44.1 kg) net,  
114 lbs. (51.8 kg) 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.

#### DYNAMIC POWER MANAGER (DPM)™

By matching the characteristics of the output stage to 4 or 8 Ohm loudspeakers DPM insures the most efficient power transfer, reduces distortion, and promotes cool operation; with DPM you get all the power you paid for.

#### 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.