

MC275
Vacuum Tube
Power Amplifier



“updated design enhances the performance of a classic amplifier”

In 1949, McIntosh was awarded a patent for its Unity-Coupled output circuit and has been improving it ever since. The revolutionary circuit design enabled the development of audio amplifiers that produced the lowest distortion over the widest bandwidth, all without sacrificing high efficiency.

The venerable MC275, arguably the most sought-after amplifier ever built, was first launched in 1961 and represented the pinnacle of vacuum tube technology. Commemorative versions, which were popular when released during the 1990s, employed the amplifier’s original design.

The enhanced performance of the new MC275 is the result of modern design technology and manufacturing techniques. Old-fashioned point-to-point wiring has been replaced with glass-epoxy printed circuit boards, developed through computer-aided design, which ensures lowest noise and highest operational consistency. Additional circuit refinements enable use of the widest variety of output tubes without sacrificing performance.

Gold-Plated Unbalanced Input Jacks and Speaker Outputs
Balanced XLR Input Jacks
Ceramic Tube Sockets with Gold-Plated Pins
Front Apron Power Switch
IEC Plug-In Power Cord on Right Side
Stereo/Mono Switch
Taps for 4, 8, & 16-Ohm Speakers
Adjustable Sensitivity on Unbalanced Inputs to Match Any Preamp
Polished Stainless Steel Chassis

A Tradition of Excellence



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FULL POWER DELIVERY

The MC275 Series IV delivers 75 watts per channel into 4, 8, and 16 Ohm speakers.

ULTRA LOW NOISE AND DISTORTION

Distortion-canceling properties of McIntosh's Unity-Coupled circuit and unique Output Transformer design yield much lower distortion and noise across the entire 20-20,000Hz music range.

WIDE BANDWIDTH

McIntosh's exclusive Output Circuit and Transformer designs ensure ultra-wide frequency bandwidth.

MONOBLOCK

The two 75-watt channels may be combined into a single channel of 150 watts into 2, 4 or 8-Ohm loads.

INVERTED CHASSIS

Heat producing tubes are located on top of the chassis, under a protective cage, while other circuits are shielded within the polished Stainless Steel Chassis.

POWER OUTPUT STEREO

Minimum sine wave continuous average power output per channel, both channels operating is: 75 watts into 4, 8 or 16 ohm load.

POWER OUTPUT MONO (PARALLEL)

Minimum sine wave continuous average power output is: 150 watts into 2, 4 or 8-ohm load

OUTPUT LOAD IMPEDANCE

4, 8, or 16 ohm (stereo)
2, 4, or 8 ohm (mono)

RATED POWER BAND

20Hz to 20,000Hz

TOTAL HARMONIC DISTORTION

Maximum Total Harmonic Distortion at any power level from 250 milliwatts to rated power output is 0.5%

FREQUENCY RESPONSE

+0 /-0.5dB from 20Hz to 20,000Hz
+0/-3dB from 10Hz to 70,000Hz

SENSITIVITY

1.2V unbalanced inputs
2.5V balanced inputs

A-WEIGHTED SIGNAL-TO-NOISE RATIO

100dB

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 20,000Hz, with both channels operating is 0.5%.

WIDE BAND DAMPING FACTOR

Greater than 14

POWER REQUIREMENTS

120V, 50/60Hz, 3.6A

OVERALL DIMENSIONS

(H x W x D including feet and knobs)
8-1/4" (21cm) x 16-1/2" (42cm)
x 12" (30.5cm)

WEIGHT

67 lbs. (30.5kg) net
75 lbs. (34.1kg) boxed

