Almost fifty years ago Frank McIntosh and Gordon Gow invented and patented the McIntosh Unity Coupled Output Circuit. Two features differentiate from other designs. First, the output tubes deliver power from both their plates (anodes) and their cathodes, not from their plates alone as in conventional circuits. Second, the output transformer’s two bifilar primary windings give it one-half the turns ratio of conventional transformers, equating to one-fourth the impedance ratio. This allows a close coupling of the primary and secondary windings, resulting in wide bandwidth, flat frequency response, and low distortion. The MC2102 is at once a tribute to the past and present McIntosh.

This characteristic is ideal for both analog and the latest ultra high-resolution digital formats.

The MC2102 will deliver 100 watts per channel into a full 20-20,000Hz band, and deliver that power with 8, 4, or 2 Ohm speakers.

Balanced and unbalanced inputs and huge gold-plated speaker terminals provide the connectivity you need.

“high bandwidth in a tube amplifier thanks to an innovative McIntosh circuit”

- Tube Compliment
  - (8) KT88
  - (4) 12AX7A Input Tubes
  - (4) 12AT7 Driver Tubes
- Ceramic Tube Sockets with Gold-Plated Contacts
- Patented Unity Coupled Circuit with Bifilar-Wound Output Transformers
- Soft-Start Inrush Protection
- Remote Power Control Trigger
CUSTOM OUTPUT TRANSFORMER

Unique McIntosh-wound transformer delivers the full rated amplifier output with the least possible distortion and maximum bandwidth 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.

BALANCED INPUTS

Allows the use balanced cables for 40dB better rejection of induced noise.

MONO MODES

Mono-Bridge and Mono-Parallel modes enable the MC2102 to deliver a full 200 watts as a mono amplifier into 1, 2, 4, 8, or 16 Ohm loads.

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.

POWER OUTPUT STEREO
Minimum sine wave continuous average power output per channel, all channels operating is:
- 100 watts into 2 Ohm load
- 100 watts into 4 Ohm load
- 100 watts into 8 Ohm load

POWER OUTPUT MONO PARALLEL
Minimum sine wave continuous average power output is: 200 watts into 1 Ohm, 2 Ohm or 4 Ohm load.

POWER OUTPUT MONO BRIDGE
Minimum sine wave continuous average power output is: 200 watts into 4 Ohm, 8 Ohm or 16 Ohm load

RATED POWER BAND
20Hz to 20kHz

TOTAL HARMONIC DISTORTION
0.05% max at any power level from 250 milliwatts to rated power output is:
- 0.5% for 2, 4 or 8 Ohm loads (stereo)
- 0.5% for 1, 2 or 4 Ohm loads (mono parallel)
- 0.5% for 4, 8, or 16 Ohm loads (mono bridge)

FREQUENCY RESPONSE
- 20Hz to 20kHz, +0/-0.25dB
- 10Hz to 100kHz, +0/-3dB

SENSITIVITY
- 2.5V unbalanced inputs
- 5.0V balanced inputs

A-WEIGHTED SIGNAL-TO-NOISE RATIO
- 100dB below rated output

WIDE BAND DAMPING FACTOR
- Greater than 18

OUTPUT LOAD IMPEDANCE
Terminals for 2, 4, or 8-Ohms (stereo)
Terminals for 1, 2, or 4-Ohms (mono parallel)
Terminals for 4, 8, or 16-Ohms (mono bridged)

INTERMODULATION DISTORTION
SMPTE 0.5% maximum if instantaneous peak output does not exceed twice the output rating.

INPUT IMPEDANCE
- 20,000 Ohms (unbalanced)
- 40,000 Ohms (balanced)

POWER REQUIREMENTS
120V, 50/60Hz, 5.0A

OVERALL DIMENSIONS
(H x W x D including feet and knobs)
10-1/8” (25.72cm) x 17-3/4”

WEIGHT
- 88 lbs. (40.87kg) net
- 121lbs. (54.9kg) boxed

ADDITIONAL SPECIFICATION
- Designed by McIntosh co-founder Sidney A. Corderman and the McIntosh Engineering Staff
- Stereo: 100 watts per channel (8/4/2 Ohm)
- Mono parallel: 200 watts per channel (4/2/1 Ohm)
- Mono bridged: 200 watts per channel (16/8/4 Ohms)
- Air-pipe cooling at base for output tubes
- Gold-plated input jacks
- Gold-plated 200A multi-way output binding posts

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