

McIntosh

MC 2105

SOLID STATE STEREO AMPLIFIER

PERFORMANCE—McIntosh is the Leader in High Power-Low Distortion Amplification.

RELIABILITY—McIntosh is the Leader in Consistent Performance and Long Term Protection.

APPEARANCE—McIntosh is the Leader in Conservative Styling that predicts a long design life.

PROTECTION—McIntosh is the Leader in Customer Protection with the Exclusive McIntosh Three Year Service Contract.

GUARANTEE—McIntosh is the Leader in guarantees. Everyone else guarantees manufacturing and workmanship. McIntosh is the only manufacturer who guarantees performance! No one ELSE will make such a guarantee.

There's a Dramatic Difference in music heard through a...

McIntosh MC 2105

You will hear music as never before! New performance standards have been set by the innovations in solid state development by McIntosh. Hear new beauty and subtle delicate passages of music that until now have been clouded by lower performance standards.

McINTOSH ENGINEERING MAKES THE STARTLING DIFFERENCE

1. YOU GET FULL POWER REGARDLESS OF YOUR CHOICE OF SPEAKER. McINTOSH IS THE FIRST SOLID STATE POWER AMPLIFIER WITH FULL POWER OF 105 WATTS PER CHANNEL AT ALL SPEAKER IMPEDANCES OF 4, 8, and 16 OHMS.

The McIntosh model MC 2105 matches any speaker impedance of 4, 8, or 16 ohms with full rated power. The McIntosh designed unity coupled output transformer provides proper matching for all speakers or crossover networks. The output transformer provides 1. reliability by correctly matching output transistors to speakers without excessive heat 2. optimum speaker damping for precise control of overshoot and the maximum of clean bass response.

2. YOU GET RELIABILITY. McINTOSH IS THE FIRST SOLID STATE BASIC POWER AMPLIFIER WITH McINTOSH "PERFORMANCE RELIABILITY" SENSOR CIRCUITS.

New McIntosh "performance reliability" sensing circuits assure constant year-to-year performance of your solid-state amplifier under all types of use conditions. Instantaneous electronic sensing of amplifier output and load conditions rigidly maintains top amplifier performance. There are no fuses in speaker line to worry with and no special hookup caution needed. A thermal-sensing unit on each oversized heat sink gives additional reliability control.

3. YOU GET MORE PLEASURE IN MUSIC. McINTOSH GUARANTEES LOW HARMONIC AND INTERMODULATION DISTORTION.

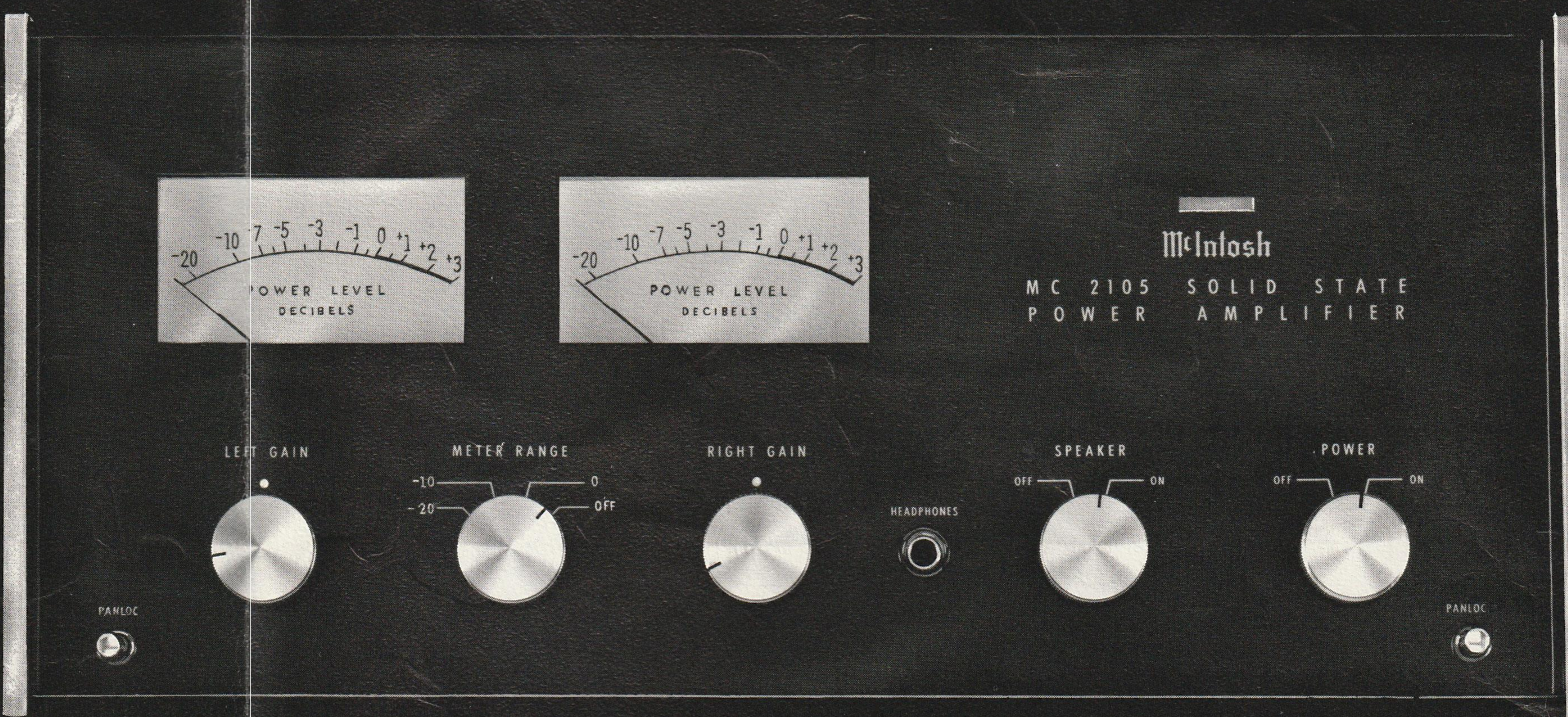
Music will be clear clean at all power levels without a cloudy, power limited overcast of distortion. "It just sounds better with a McIntosh"! The McIntosh solid-state MC 2105 is guaranteed to deliver 105 watts per channel both channels operating with harmonic distortion less than 0.25 of 1% from 20 Hz to 20,000 Hz. Intermodulation distortion remains below 0.25 of 1% at rated power using any combination of frequencies from 20 Hz to 20,000 Hz.

4. YOU CAN NOW KNOW THE COMPLETE PERFORMANCE OF YOUR MUSIC SYSTEM. McINTOSH PROVIDES PRECISION CALIBRATED OUTPUT LEVEL METERS TO MEASURE PERFORMANCE.

The meters can be used for measuring the elements of your stereo system. These are not ordinary meters. McIntosh has again led with a new concept in a meter circuit design. The CALIBRATED POWER LEVEL METERS provide continuous indication of how much power is being delivered to the speakers. Normal meter operation is frequency discriminating. Not so the McIntosh POWER MONITOR METERS. Careful engineering has produced peak locking meters with a "TIME STRETCHING CIRCUIT" that permits the meter to follow peak program material with an accuracy better than 2%.

5. YOU ARE PROTECTED BOTH IN PERFORMANCE AND FROM SERVICE COSTS.

Best of all—the performance of the MC 2105 is backed by the exclusive McIntosh performance guarantee. Your MC 2105 must be capable of performing as advertised or you will get a cash refund of your purchase price. In addition McIntosh offers a FREE THREE YEAR SERVICE CONTRACT. You can't pay for the repair of your McIntosh instrument for THREE FULL YEARS!



PERFORMANCE LIMITS AND RATINGS

PERFORMANCE GUARANTEE

Performance Limits are the maximum deviation from perfection permitted for a McIntosh instrument. We promise you that the MC 2105 you buy must be capable of performance at or exceeding these limits or you get your money back. McIntosh is the only manufacturer that makes this guarantee.

PERFORMANCE

McIntosh audio power ratings are in accordance with the Federal Trade Commission Regulation of November 4, 1974 concerning power output claims for amplifiers used in home entertainment products.

POWER OUTPUT

105 watts minimum sine wave continuous average power output, per channel, both channels operating into 4 ohms, 8 ohms, or 16 ohms load impedance which is:

20.5 volts RMS across 4 ohms
29.0 volts RMS across 8 ohms
41.0 volts RMS across 16 ohms

OUTPUT LOAD IMPEDANCE

4 ohms, 8 ohms, or 16 ohms; separate terminals are provided for each output

RATED POWER BAND

20 Hz to 20,000 Hz

TOTAL HARMONIC DISTORTION

0.25% maximum harmonic distortion at any power level from 250 milliwatts to 105 watts per channel from 20 Hz to 20,000 Hz, both channels operating

INTERMODULATION DISTORTION

0.25% if instantaneous peak power output is 210 watts or less per channel with both channels operating for any combination of frequencies 20 Hz to 20,000 Hz

FREQUENCY RESPONSE (at 1 watt output)

20 Hz to 20,000 Hz +0 -0.25 dB
10 Hz to 100,000 Hz +0 -3.0 dB

NOISE AND HUM

90 dB below rated output

OUTPUT POWER MONITOR METER

Meter is calibrated to read +3 dB when amplifier produces 105 watts. Meter range switch is provided to increase meter sensitivity by 10 dB or 20 dB. Calibration accuracy at 0 dB is $\pm 2\%$ at all frequencies; meter range accuracy is $\pm 5\%$.

RATINGS

OUTPUT VOLTAGES

25 volts for distribution lines

DAMPING FACTOR

18 at 4 ohms output
13 at 8 ohms output
10 at 16 ohms output

INPUT IMPEDANCE

200,000 ohms

INPUT SENSITIVITY

0.5 volt. Level control provided for higher input voltage

GENERAL INFORMATION

POWER REQUIREMENTS

120 volts, 50/60 Hz, 75 watts at zero signal output, 430 watts at rated output

SEMICONDUCTOR COMPLEMENT

34 silicon transistors
18 silicon rectifiers and diodes

MECHANICAL INFORMATION

SIZE

Front panel: 16-3/16 inches wide (41.12 cm) by 7-1/8 inches high (18.1 cm).
Chassis: 15 inches wide (38.1 cm) by 6-9/16 inches high (16.67 cm) by 14-1/2 inches deep (36.83 cm), including connectors. Clearance in front of mounting panel including knobs 1-1/2 inches (3.81 cm)

FINISH

Front panel: Anodized gold and black with special gold/teal panel nomenclature illumination.

CHASSIS

Chrome and black

MOUNTING

McIntosh developed professional PANLOC

WEIGHT

65 pounds (29.48 kg) net, 77 pounds (34.93 kg) in shipping carton

SPECIAL FEATURES

The amplifier is completely stable when connected to any loudspeaker system or even to any reactive loads. The MC 2105 has special circuits to prevent damage by short circuit or open circuit of the output loads, or by any amount of output impedance mismatch.

Thermal cutouts are mounted on the output transistor heat sinks to provide protection in the event of inadequate ventilation.

Peak reading—peak lock meters feature special circuit to respond to peak value of complex input signal.

FRANCHISED DEALER

Every Great City Has
One Great
Stereo Store

B & M ELECTRONICS

Is Houston's Finest

3717 S. Shepherd

524-3234 OR 524-3235

McIntosh

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