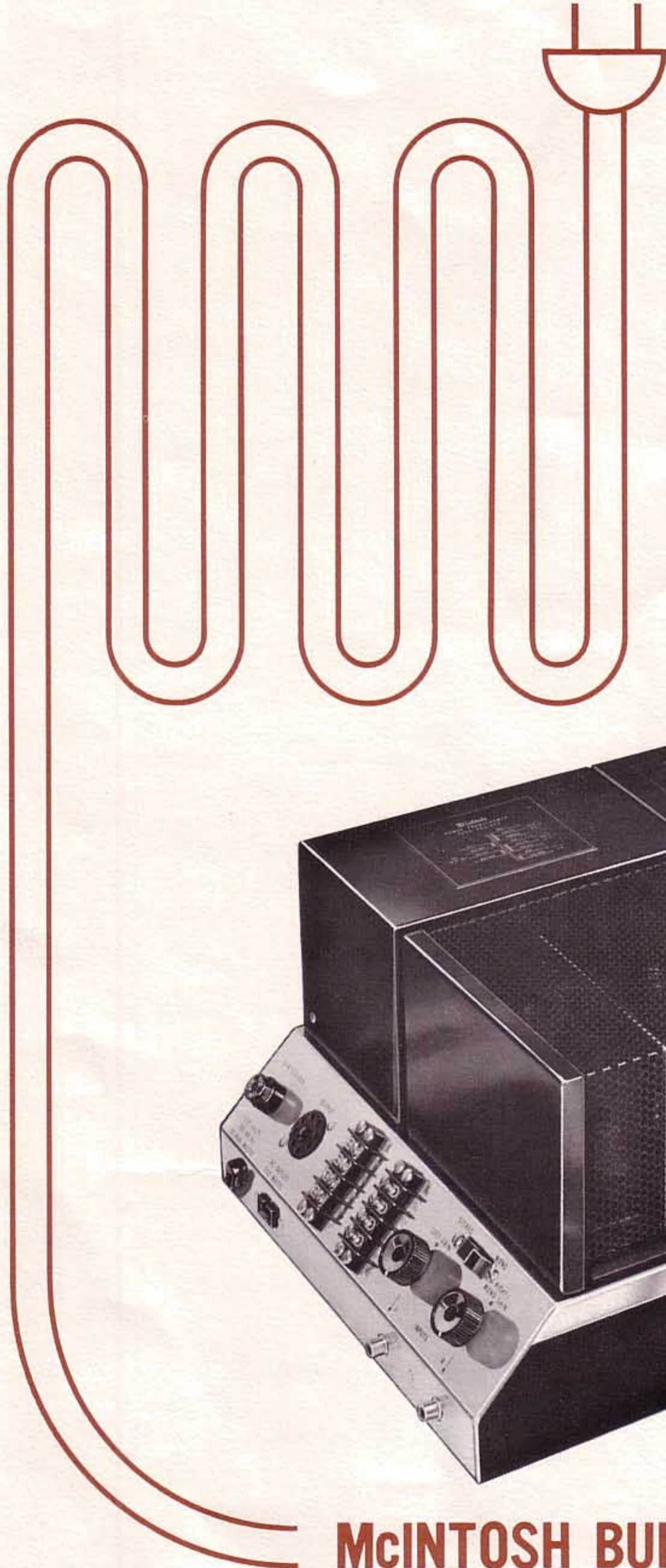


McIntosh

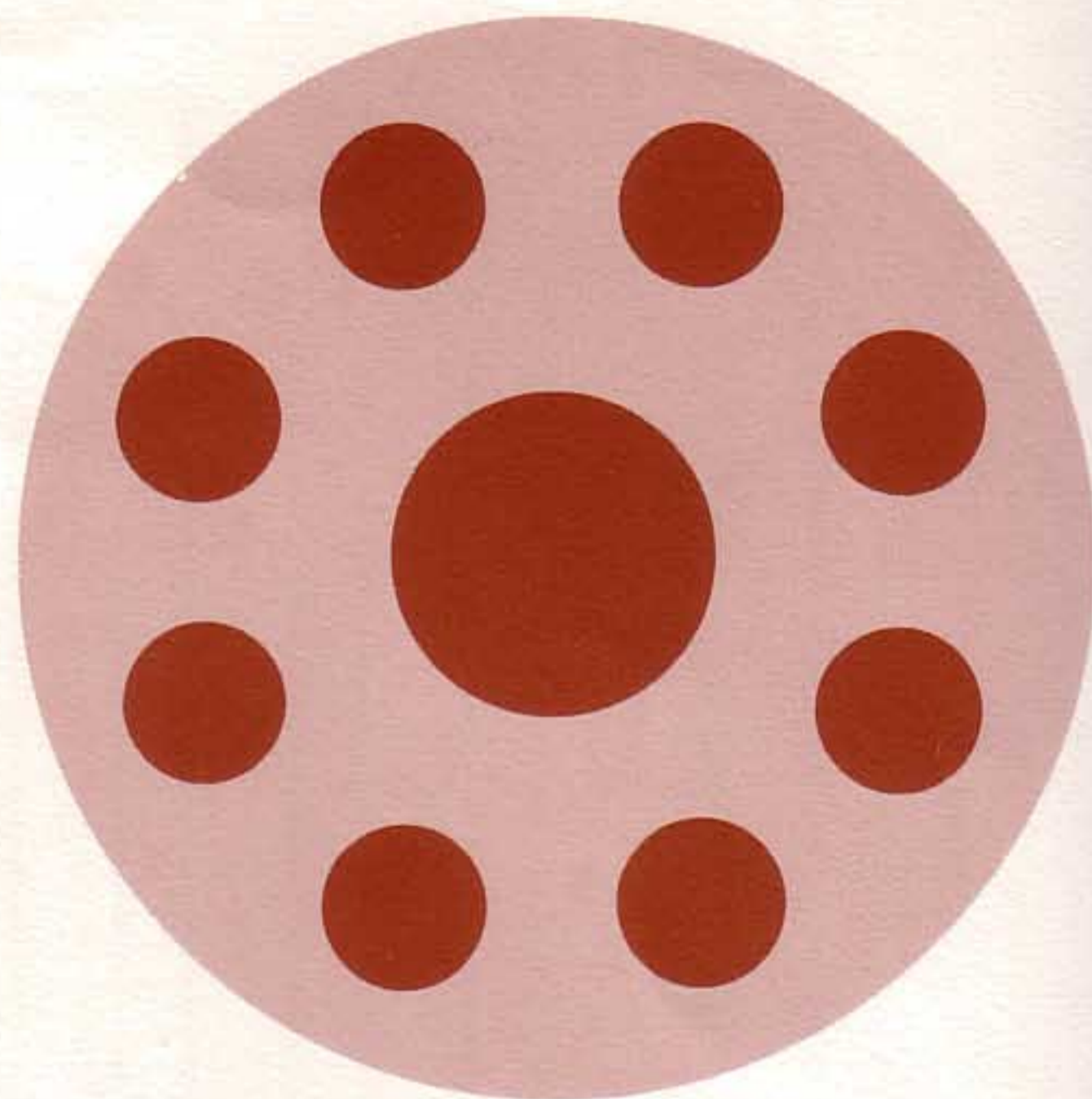
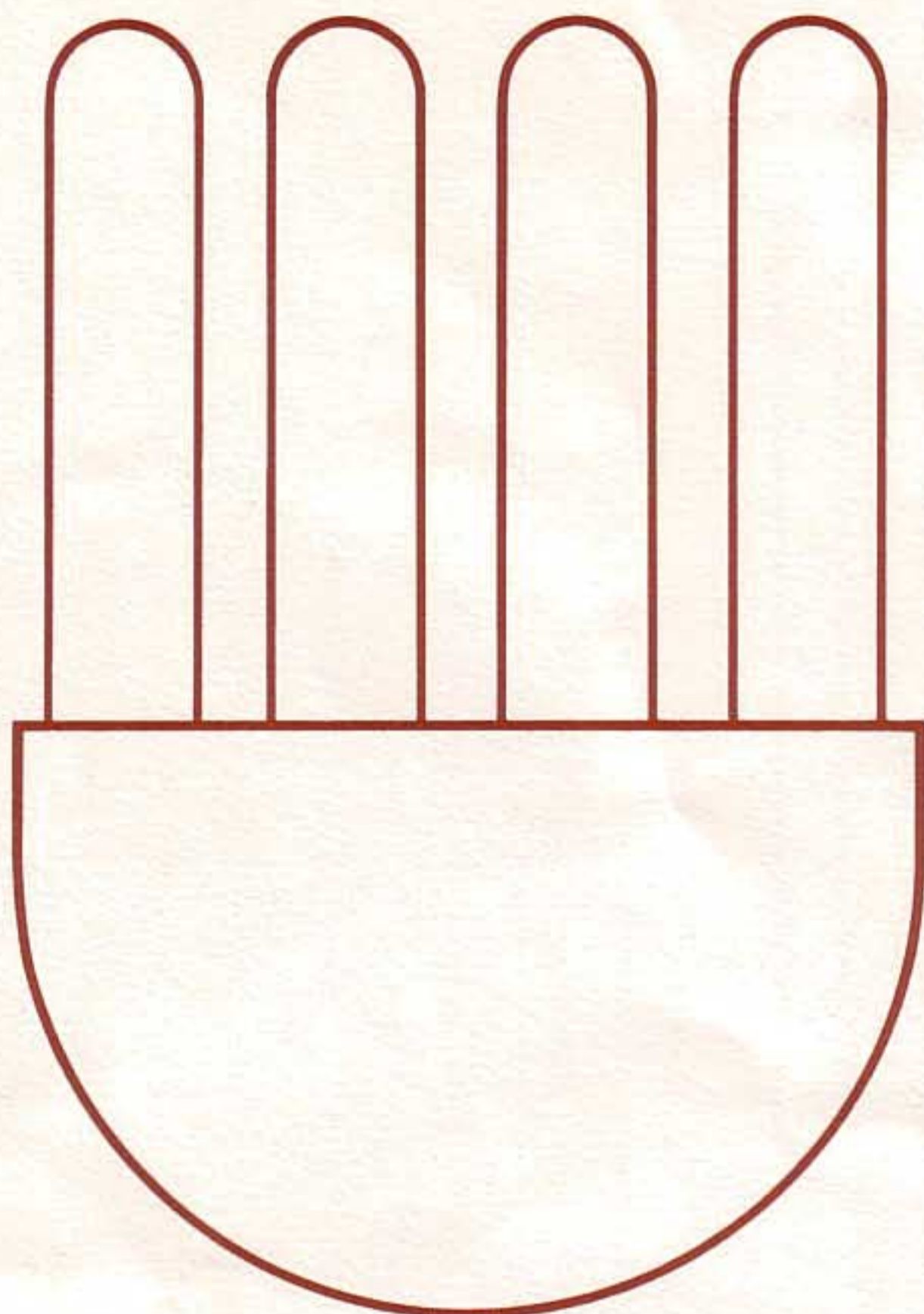


MC 250



MC 2100

McINTOSH BUILDS THE BEST AMPLIFIERS!



OUR PROMISE TO YOU:
Performance
Limits are the
maximum deviation from
perfection permitted for a McIntosh
instrument. We promise you that
the amplifier 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.

Of all the good equipment manufactured today, only McIntosh amplifiers offer lowest distortion, high reserve power, long life, trouble free performance and highest value. For more than 20 years McIntosh has been recognized as the leader. Continuous major investment in engineering and development provides you with conservative use of the newest and best in solid state physics and space age technology.

The values to look for when looking for a power amplifier are:

1. **QUALITY CONSTRUCTION**
2. **RELIABILITY**
3. **DESIGN EXCELLENCE**
4. **MECHANICAL STRENGTH**
5. **ELECTRICAL VERSATILITY**
6. **CONVENIENCE OF OPERATION**
7. **STABILITY**
8. **PROTECTION FROM SERVICE COSTS**

You will find all of these desirable characteristics in every McIntosh power amplifier. You get the most for your investment when you buy McIntosh. You get the most performance—the highest reliability for a longer time, and the greatest value when you are ready to trade.

A **FREE 3 YEAR FACTORY SERVICE CONTRACT** is your assurance from McIntosh of design integrity, care in manufacturing, and reliability. Only McIntosh offers you complete freedom from service costs both parts and labor for the first Three Years you own your amplifier.

Compare McIntosh's **proven** and guaranteed performance with any other equipment. Compare if it cost more or less. McIntosh is always outstanding because only McIntosh is the **BEST VALUE**.

PERFORMANCE LIMITS MC2100

SOLID STATE STEREO AMPLIFIER

POWER OUTPUT

Stereo: 105 watts continuous, per channel, both channels operating which is:

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

Mono—210 watts continuous; which is:

- 20.5 volts RMS across 2 ohms
- 29.0 volts RMS across 4 ohms
- 41.0 volts RMS across 8 ohms

HARMONIC DISTORTION

Stereo—Will not exceed 0.25% at any level up to 105 watts output from 20 Hz to 20,000 Hz both channels operating. Typical performance is less than 0.1% at rated power. Distortion decreases as output power is reduced.

Mono—Will not exceed 0.25% at any level up to 210 watts output from 20 Hz to 20,000 Hz. Typical performance is less than 0.1% at rated power. Distortion decreases as output power is reduced.

INTERMODULATION DISTORTION

Stereo—Will not exceed 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.

Mono—Will not exceed 0.25% if instantaneous peak power output is 420 watts or less for any combination of frequencies 20 Hz to 20,000 Hz.

FREQUENCY RESPONSE

- 20 Hz to 20,000 Hz +0, -0.25 dB at rated power
- 15 Hz to 60,000 Hz +0, -0.5 dB at rated power
- 10 Hz to 100,000 Hz +0, -3.0 dB at one-half rated power

NOISE AND HUM

90 dB below rated output

OUTPUT IMPEDANCE

Stereo: 4, 8, and 16 ohms
Mono: 2, 4 and 8 ohms

OUTPUT VOLTAGES

25 volts Stereo and Mono

DAMPING FACTOR

- 20 at 4 ohms output
- 14 at 8 ohms output
- 11 at 16 ohms output

INPUT IMPEDANCE

200,000 ohms

INPUT SENSITIVITY

0.5 volts. Level control provided for higher input voltages.

POWER REQUIREMENTS

120 volts AC 50/60 Hz, 50 watts at zero signal output. 450 watts at rated output.

SEMICONDUCTOR COMPLEMENT

- 32 silicon transistors
- 14 silicon rectifiers and diodes

MECHANICAL INFORMATION

SIZE: 7 $\frac{3}{4}$ inches high (19.69 cm), 11 $\frac{3}{4}$ inches wide (29.85 cm), 17 inches deep (43.18 cm).

CHASSIS: Chrome and black.

WEIGHT: 57 pounds (25.86 kg) net, 63 pounds (25.58 kg) in shipping carton.

PERFORMANCE LIMITS MC250

SOLID STATE STEREO AMPLIFIER

POWER OUTPUT

Stereo: 50 watts continuous, per channel both channels operating which is:

- 14.1 volts RMS across 4 ohms
- 20.0 volts RMS across 8 ohms
- 28.3 volts RMS across 16 ohms

Mono—100 watts continuous, which is:

- 14.1 volts RMS across 2 ohms
- 20.0 volts RMS across 4 ohms
- 28.3 volts RMS across 8 ohms

HARMONIC DISTORTION

Stereo—Will not exceed 0.25% at any level up to 50 watts output from 20 Hz to 20,000 Hz, both channels operating. Typical performance is less than 0.1% at rated power. Distortion decreases as output power is reduced.

Mono—Will not exceed 0.25% at any level up to 100 watts output from 20 Hz to 20,000 Hz. Typical performance is less than 0.1% at rated power. Distortion decreases as output power is reduced.

INTERMODULATION DISTORTION

Stereo—Will not exceed 0.25% if instantaneous peak power output is 100 watts or less per channel with both channels operating for any combination of frequencies 20 Hz to 20,000 Hz.

Mono—Will not exceed 0.25% if instantaneous peak power output is 200 watts or less for any combination of frequencies 20 Hz to 20,000 Hz.

FREQUENCY RESPONSE

- 20 Hz to 20,000 Hz +0, -0.25 dB at rated power
- 15 Hz to 60,000 Hz +0, -0.5 dB at rated power
- 10 Hz to 100,000 Hz +0, -3.0 dB at one-half rated power

NOISE AND HUM

90 dB below rated output

OUTPUT IMPEDANCE

Stereo: 4, 8, and 16 ohms
Mono: 2, 4 and 8 ohms

OUTPUT VOLTAGES

25 volts Stereo and Mono

DAMPING FACTOR

- 15 at 4 ohms output
- 38 at 8 ohms output
- 17 at 16 ohms output

INPUT IMPEDANCE

200,000 ohms

INPUT SENSITIVITY

0.5 volts. Level control provided for higher input voltages.

POWER REQUIREMENTS

120 volts AC 50/60 Hz, 50 watts at zero signal output. 250 watts at rated output.

SEMICONDUCTOR COMPLEMENT

- 24 silicon transistors
- 18 silicon rectifiers and diodes

MECHANICAL INFORMATION

SIZE: 7-1/16 inches high (17.94 cm), 10 $\frac{5}{8}$ inches wide (26.99 cm), 15 $\frac{5}{8}$ inches deep (36.69 cm).

CHASSIS: Chrome and black.

WEIGHT: 36 pounds (16.33 kg) net, 40 pounds (18.14 kg) in shipping carton.

PERFORMANCE LIMITS MC100

SOLID STATE MONO AMPLIFIER

POWER OUTPUT

100 watts continuous, which is:
20.0 volts RMS across 4 ohms
28.3 volts RMS across 8 ohms
40.0 volts RMS across 16 ohms

HARMONIC DISTORTION

Will not exceed 0.20% at any level to 100 watts output from 20 Hz to 20,000 Hz. Typical performance is less than 0.1% at rated power. Distortion decreases as output power is reduced.

INTERMODULATION DISTORTION

Will not exceed 0.20% if instantaneous peak power output is 200 watts or less for any combination of frequencies 20 Hz to 20,000 Hz.

FREQUENCY RESPONSE

20 Hz to 20,000 Hz +0, -0.25 dB at rated power
15 Hz to 50,000 Hz +0, -0.5 dB at rated power
10 Hz to 100,000 Hz +0, -3.0 dB at one-half rated power

NOISE AND HUM

90 dB below rated output

OUTPUT IMPEDANCE

4, 8, and 16 ohms

OUTPUT VOLTAGE

25 volts

DAMPING FACTOR

29 at 4 ohms output
16 at 8 ohms output
12 at 16 ohms output

INPUT IMPEDANCE

200,000 ohms

INPUT SENSITIVITY

0.5 volt. Level control provided for higher input voltage.

POWER REQUIREMENTS

120 volts, 50/60 Hz, 40 watts at zero signal output.
230 watts at rated output.

SEMICONDUCTOR COMPLEMENT

16 silicon transistors
10 silicon rectifiers and diodes

MECHANICAL INFORMATION

SIZE: 6½ inches high (16.51 cm), 9¼ inches wide (25.30 cm), 14¾ inches deep (37.47 cm).

CHASSIS: Chrome and black.

WEIGHT: 32 pounds (14.52 kg) net.

38 pounds (17.24 kg) in shipping carton.

PERFORMANCE LIMITS MC50

SOLID STATE MONO AMPLIFIER

POWER OUTPUT

50 watts continuous, which is:
14.1 volts RMS across 4 ohms
20.0 volts RMS across 8 ohms
28.3 volts RMS across 16 ohms

HARMONIC DISTORTION

Will not exceed 0.25% at any level to 50 watts output from 20 Hz to 20,000 Hz. Typical performance is less than 0.1% at rated power. Distortion decreases as output power is reduced.

INTERMODULATION DISTORTION

Will not exceed 0.25% if instantaneous peak power is 100 watts or less for any combination of frequencies 20 Hz to 20,000 Hz.

FREQUENCY RESPONSE

20 Hz to 20,000 Hz +0, -0.25 dB at rated power
15 Hz to 60,000 Hz +0, -0.5 dB at rated power
10 Hz to 100,000 Hz +0, -3.0 dB at one-half rated power

NOISE AND HUM

90 dB below rated output

OUTPUT IMPEDANCE

4, 8, and 16 ohms

OUTPUT VOLTAGE

25 volts

DAMPING FACTOR

25 at 4 ohms output
50 at 8 ohms output
17 at 16 ohms output

INPUT IMPEDANCE

200,000 ohms

INPUT SENSITIVITY

0.5 volt. Level control provided for higher input voltage.

POWER REQUIREMENTS

120 volts, 50/60 Hz, 40 watts at zero signal output.
120 watts at rated output.

SEMICONDUCTOR COMPLEMENT

12 silicon transistors
12 silicon rectifiers and diodes

MECHANICAL INFORMATION

SIZE: 5½ inches high (13.97 cm), 8 inches wide (20.32 cm), 12½ inches deep (31.75 cm).

CHASSIS: Chrome and black.

WEIGHT: 20 pounds (9.07 kg) net.

24 pounds (10.89 kg) in shipping carton.

FRANCHISED DEALER

McIntosh

 Laboratory, Inc.

2 Chambers St., Binghamton, N. Y. 13903

Phone 607 723-3512

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