



McIntosh brings you

LABORATORY, INC.

99 ⁶⁰/₁₀₀ % PERFECT AMPLIFICATION

The 30 watt Amplifier model MC-30

- ✓ Featuring the patented McIntosh Circuit
- ✓ Guaranteed $\frac{1}{2}\%$ maximum intermodulation distortion
- ✓ Unity Coupling for performance plus
- ✓ Beautifully Styled in Black and Chrome
- ✓ Zero VU Line Level or any Tuner will drive to full output



\$143.50

*All but 0.000016 of power output is a perfect reproduction of input signal at 30 watts, 20-20,000 cycles.

McIntosh, the world's most advanced amplifier, is unequalled for quality reproduction of any sound source. Its unique circuitry provides ample reserve power combined with unprecedented low distortion— $\frac{1}{3}\%$ harmonic distortion at all frequencies, 20-20,000 cycles and at any volume, even full power!

Designed for those who expect the finest, the McIntosh MC-30 sets a new standard among amplifiers today. It brings an almost unbelievable clarity of tone—clean, pure living sound. Most important, you can listen to the McIntosh for hours without listening fatigue or irritation. For performance that really makes a difference, enjoy the McIntosh, masterfully crafted for your lifetime satisfaction.



WHY THE EXCLUSIVE PATENTED McIntosh Circuit brings you purest high-fidelity sound . . .

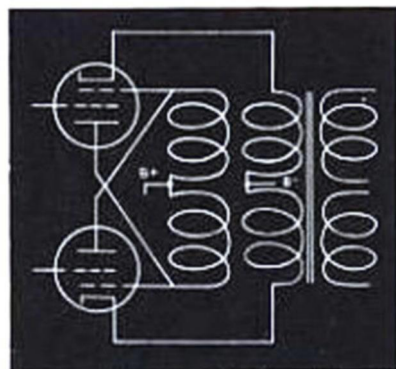
The McIntosh circuit is fundamentally new. It provides practically 100% coupling between primary windings of the output transformer, by winding the primary wires together, or bifilarly. The high efficiency of class "B" amplification can be used for the first time with high quality performance. Wave form distortion, causing listening irritation, due to switching transients between each half of the class "B" amplifier is eliminated at all frequencies.

Before 1947, truly faithful amplified sound was severely limited by: (1) too much distortion; and (2) not enough power capacity. With the invention of the McIntosh circuit, less than 1% distortion became the performance standard which engineers everywhere had been striving to attain.

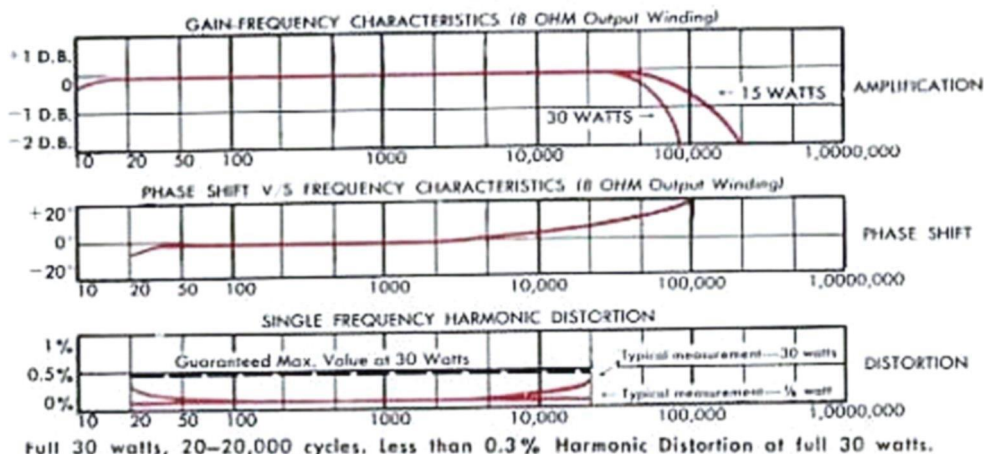
The McIntosh has an inherent large advantage over conventional circuits. By bringing the output tubes electrically four times closer together the impedance is $\frac{1}{4}$ that of the conventional circuit. The coupling to the secondary is improved by a similar factor of 4 to 1 since the primary to secondary turns ratio has been reduced 2 to 1. The $\frac{1}{2}$ cathode, $\frac{1}{2}$ plate loading provides a feedback factor of 12 db, which with additional loop feedback, offers the lowest distortion, most stable power amplifier made.

To date, McIntosh amplifiers alone are able to guarantee less than $\frac{1}{3}$ of 1% harmonic distortion and less than $\frac{1}{2}$ of 1% intermodulation distortion (discordant distortion), for any frequency or combination of frequencies, throughout the audible range, even at full power output.

The McIntosh Patented* Circuit, with Unity Coupling guarantees this OUTSTANDING PERFORMANCE



Lowest Noise - 90 db below 30 watts. High damping over frequency range.



*McIntosh Laboratory, Inc., introduced Unity Coupling to High Fidelity in U. S. Patents 2,477,074 (1949); also 2,545,788; 2,646,467; 2,654,058.

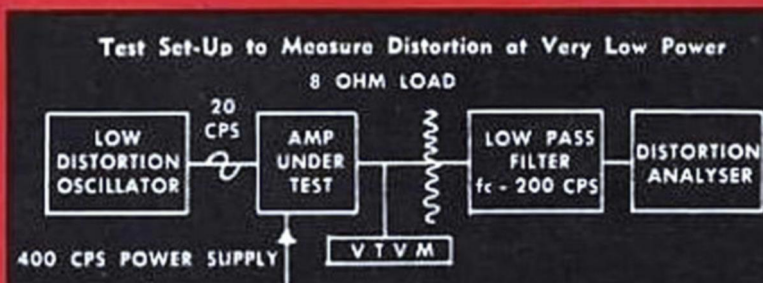
Compare these Specifications

MODEL: MC-30 AUDIO AMPLIFIER

Power Supply	117/125 volts, 60 cycles
Power Consumption	135 watts at 30 watts output 105 watts at zero signal output
Power Output	30 watts continuous
Input Level	Input #1 (pin jack and screw terminals and pin 5 of pre amp socket) .5 volts to 30 volts, with gain control Input #2 (pin 2 of pre amp socket) 2.5 volts (for use with McIntosh C-8 Pre-Amp).
Frequency Range	20 to 30,000 cycles $\pm .1$ db at 30 watts output 15 to 50,000 cycles $\pm .5$ db at 30 watts output 10 to 100,000 cycles ± 1 db at 15 watts output
Harmonic Distortion	Guaranteed less than $\frac{1}{3}\%$ at 30 watts output or less, 20 to 20,000 cycles.
Intermodulation Distortion	Less than $\frac{1}{2}\%$ if instantaneous peak power is below 60 watts for any combination of frequencies 20 to 20,000 cycles
Impulse Distortion	Negligible
Noise and Hum Level	90 db or more below rated output

Damping Factor	12 or better for 4, 8 and 16 ohm output, 16 for 600 ohms
Input Impedance	0.5 meg for 0.5 volt input and 0.13 meg for 2.5 volt input. 20 cycles to 40Kc
Output Impedance	4, 8, 16 and 600 ohms (600 ohm is balanced to ground)
Phase Shift	20 cycles 3° 20,000 cycles 9°
Tube Complement	Rectifier: 5U4-GA Pre-Amp: 12AX7 Phase Inverter: 12AU7 Voltage Amp: 12BH7 Driver: 12AX7 Output: 2-1614
Auxiliary Equipment connection	Designed to power C-8 and other McIntosh Preamplifiers
Size	13" x 8" x 8" high, chassis type construction
Weight	30.5 pounds net
Finish	Chrome and Black

LOW DISTORTION MEASUREMENTS, guaranteed by thorough laboratory tests on each unit shipped.



TYPICAL MEASUREMENTS

Power Output	Harmonic Distortion
30 watts	.22%
15 watts	.12%
1.5 watts	.11%
157 milliwatts	.11%
15 milliwatts	.11%
1.5 milliwatts	.23% (Noise Level)

Perfect for STEREO

30 WATT AMPLIFIER

- FEATURING THE PATENTED
McINTOSH CIRCUIT
- GUARANTEED 0.5% MAXIMUM
INTERMODULATION DISTORTION
- UNITY COUPLING FOR
PERFORMANCE PLUS



MC-30 \$143.30

McIntosh, the world's most advanced amplifier, is unequalled for quality reproduction of any sound source. Its unique circuitry provides ample reserve power combined with unprecedented low distortion—less than 0.3% harmonic distortion at all frequencies, 20-20,000 cycles and at any volume, even full power!

Designed for those who expect the finest, the McIntosh MC-30 sets a new standard among amplifiers. It brings an almost unbelievable clarity of tone—clean, pure living sound. Most important, you can listen to the McIntosh for hours without listening fatigue or irritation. For performance that really makes a difference, enjoy the McIntosh, masterfully crafted for your lifetime satisfaction.

MC-30 SPECIFICATIONS

Power Supply:	117/125 volts, 50/60 cycles
Power Consumption:	155 watts at 30 watts output 105 watts at zero signal output
Power Output:	30 watts continuous
Input Level:	Input #1 (pin jack and screw terminals) .5 volts to 30 volts, with gain control Input #2 2.5 volts
Frequency Range:	20 to 30,000 cycles $\pm$.1 db at 30 watts output 15 to 50,000 cycles $\pm$.5 db at 30 watts output 10 to 100,000 cycles $\pm$ 1 db at 15 watts output
Harmonic Distortion:	Less than 0.3% at 30 watts output or less, 20 to 20,000 cycles
Intermodulation Distortion:	Less than 0.5% if instantaneous peak power is below 60 watts for any combination of frequencies 20 to 20,000 cycles
Noise and Hum Level:	90 db or more below rated output
Damping Factor:	12 or better for 4, 8 and 16 ohm output, 16 for 600 ohms
Input Impedance:	0.5 meg for 0.5 volt input and 0.13 meg for 2.5 volt input. 20 cycles to 40,000
Output Impedance:	4, 8, 16, 600 ohms (600 ohm is balanced to ground) and 70.7 volts
Phase Shift:	20 cycles 3° 20,000 cycles 9°
Tube Complement:	Rectifier: 5U4-GA; Pre-Amp: 12AX7; Phase Inverter: 12AU7; Voltage Amp: 12BH7; Driver: 12AX7; Output: 2-1614
Size:	13 1/8" x 8" x 8" high
Weight:	30.5 pounds net

McIntosh... the Mark of Excellence