



# McIntosh 60<sup>th</sup>

CELEBRATING 60 YEARS OF EXCELLENCE



McIntosh  
LEGENDARY

# HISTORY MCINTOSH TIMELINE

In 1949 Frank McIntosh and Gordon Gow, two relative unknowns in the then infant realm of audio, debut a new design for a power amplifier with a circuit they refer to as the "Unity Coupled Output Stage". Little did they know that their new model 50W-1 amplifier would soon be heralded as the audio electronics equivalent of the 'Shot Heard 'Round the World'? Propelled by the wildly favorable consumer response to this remarkable amplifier Frank and Gordon founded The McIntosh Audio Laboratory.

Innovators from the very beginning, McIntosh rose quickly to become market-leading manufacturers of the finest quality, most coveted audio components in the history of the audio industry; a reputation that endures to this day.

## MADE IN THE USA

2009 marks the 60th anniversary of McIntosh Laboratory, Inc. a milestone in the audio industry, especially when one considers that for all of these 60 years McIntosh equipment has been engineered and manufactured in the USA. Other US audio companies, as well as global audio companies, have come and gone but McIntosh lives on. This history of success indicates a long term consistency in company philosophy for producing the highest quality audio products.

The most significant fact about McIntosh products is their design excellence with emphasis on superior performance and long operating life. Units manufactured as far back as the 1950's are still in use today and sought after by collectors and audiophiles alike.

To observe our 60th Anniversary, McIntosh returns to our roots and looks toward the future with the manufacture of three very special anniversary products.

**1949**

McIntosh Laboratory is incorporated in Silver Spring, MD, with Frank McIntosh as President, Gordon J. Gow as Vice President, and Maurice L. Painchaud, as Controller.



**1951**

Sidney A. Corderman joins McIntosh Laboratory.



**1954**

McIntosh introduces the MC30 power amplifier and the C4 preamplifier.



**1960**

McIntosh's first stereo power amplifier, the model MC240, is introduced.



**1980**

The MC2500 power amplifier and XRT20 loudspeaker system, which also earned a patent, are released.



**1985**

The first McIntosh CD player, the MCD7000, is introduced.



**1992**

The XR290 loudspeaker with the first 4-woofer system in 19 years is launched. It features woofer, midrange, and tweeter columns and LP/HP® speaker design.

Carl Van Gelder receives an important patent for the LD/HP® driver assembly design.



**1999**

MC2000 50th anniversary limited edition vacuum tube power amplifier is introduced.

## VINTAGE STYLE MEETS MODERN TECHNOLOGY

Celebrating our vintage heritage McIntosh announces a unique 60th Anniversary Set; the C22 Vacuum Tube Preamplifier and the MC75 Vacuum Tube Monoblock Power Amplifier. Celebrating the future, McIntosh announces the 60th Anniversary MXA60 Audio System.

The C22 Preamplifier was originally in production from 1963 to 1972. A commemorative Frank McIntosh version was designed and in production from 1995 to 1998. The C22 returns with updated circuitry for the 60th anniversary. The MC75 Monoblock Amplifier, originally in production from 1961 to 1970, returns as the amplification companion to the C22. These 60th anniversary models are available as a set and production is limited. McIntosh continuously incorporates performance and reliability

## A TRIBUTE TO AUDIO EXCELLENCE

The first McIntosh commemorative product was introduced in 1993; the MC275 Gordon Gow Tube Power Amplifier. A fitting tribute to Gordon Gow (1919 – 1989), this popular gold plated tube power amplifier was in production until 1998. The popularity of this Commemorative MC275 resulted in a stainless steel non-commemorative version in 1997 and the MC275 has been a popular tube power amplifier in our current

product line ever since with no signs of retirement.

Fondly remembering our founder, Frank McIntosh (1901–1990), the Commemorative Frank McIntosh C22 was introduced in 1995 to compliment the Gordon Gow Commemorative Amplifier. This C22 was in production until 1998.

In 1999, to celebrate McIntosh's 50th Anniversary, Sidney Corderman co-founder of

improvements into each new product design to maintain their lead in technical superiority. Both the C22 and MC75 reflect today's advanced tube design and updated circuitry yet the classic cosmetics remain similar to the original design.

The new MXA60 represents a truly new venue for McIntosh and symbolizes a leap into the future most befitting of our 60th Anniversary. The 60th Anniversary C22 and MC75 are the logical next step with classic reissue McIntosh products.

McIntosh, returned from semi-retirement to design a Tube Power Amplifier, the MC2000. This limited production gold plated amplifier proved a fitting tribute to 50 years of audio mastery.

**1962**

Birth of the MC275, 75W/Ch power amplifier, the company's most beloved and enduring design.



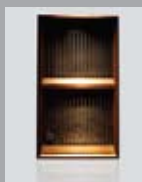
**1965**

The first McIntosh receiver, the MAC1500, goes into production.



**1970**

The first models in the McIntosh loudspeaker line - the ML1, ML2 and ML4 - are introduced.



**1972**

McIntosh MR78 tuner, now regarded as an all-time classic, is introduced.



**2003**

The award winning MC501 Monoblock Amp is introduced. McIntosh develops riser mount radio for Harley Davidson.



**2004**

The MC275 Mark V is introduced establishing this the most popular amplifier McIntosh ever produced.



XLS Loudspeaker Series is launched.

McIntosh designs an audio system for the 100th anniversary Ford GT.

**2006**

The new "video" product category is introduced featuring the MDLP1 projector and VP1000 video processor.



**2007**

The first McIntosh turntable, the MT10, is introduced.



# 60TH ANNIVERSARY C22 AND MC75 SYSTEM

The year is 1961; McIntosh Laboratory has introduced the MC275 75 watt per channel stereo amplifier and its 75 watt monaural counterpart, the MC75. Just three years earlier the BBC had begun regular broadcasts in stereo sound, and demand for stereo playback systems was growing. Still, recognizing the value of monoblock amplifiers to the ultimate quality of audio playback, McIntosh releases the MC75. Here is early proof of our penchant for pushing the limits of performance in an effort to provide our customers with the very best solutions in audio.

In recognition of our 60th anniversary, it is with great pride that we offer this Limited Edition MC75 amplifier. Largely true to the original design, the 60th Anniversary Edition MC75 offers many circuit updates that improve reliability while retaining the alluring sonic character of the original. Among the updates is a custom application of the patented Sentry Monitor short circuit protection. Balanced inputs and outputs are added to make this amplifier ready for today's digital sources. The MC75 develops 75 watts into 2, 4, or 8 ohms. A brilliant, triple-polished gold color titanium stainless steel chassis takes the place of chrome plating for a stunning appearance that lasts a lifetime.





Introduced in 1963, the McIntosh C22 Tube Preamplifier ushered in the era of audio preamplifier as “control center”. Designed to function as a superb line stage, phono preamplifier, equalizer and input switch, the C22 raised the bar for competing preamplifiers, and forged a standard of features and flexibility for future McIntosh preamplifier designs that endures to this day.

The 60th Anniversary Limited Edition C22 Tube Preamplifier recreates the look and feel of the original C22 with its backlit glass and brushed anodized aluminum frontpanel, and sees the addition of a number of circuit enhancements that bring the design current with recent McIntosh preamplifier specifications. Balanced inputs and outputs are provided to insure optimum performance with fine quality source components, while the addition of a moving coil and moving magnet phono amplifier guarantees compatibility with the widest range of phono cartridges. Blessed with modern materials and manufacturing methods, all signal switching in the C22 is done with electromagnetic switches driven by Digital Logic. Lastly, in what is perhaps the most striking nod to contemporary technology, the Limited Edition C22 comes complete with an IR remote control.



# MXA60 AUDIO SYSTEM



The MXA60 Integrated Audio System blends the time-honored McIntosh attributes of class-leading audio performance, superior ergonomics, and heirloom-quality construction into a single ready-to-use system. The MXA60 is designed and manufactured by the same dedicated engineers and artisans responsible for the rest of the Legendary McIntosh line-up.



Anchored by a 75 watt per channel power amplifier, the MXA60 features a tube preamplifier with an integral CD/SACD drive and a pair of 2-way bass reflex custom loudspeakers. The all-metal casework is trademark McIntosh with features like anodized aluminum accents and backlit glass faceplates with Peak Reading Wattmeters. The MXA60 is the perfect choice for the office, small room, or loft; wherever space is at a premium but sound quality cannot be compromised.





## C22 TUBE PREAMPLIFIER

### FREQUENCY RESPONSE

+0, -0.5dB from 20Hz to 20,000Hz  
+0, -1dB from 10Hz to 100,000Hz

### TOTAL HARMONIC DISTORTION

0.08% from 20Hz to 20,000Hz

### RATED OUTPUT (OUTPUT 1 AND 2)

2.5V Unbalanced, 5V Balanced

### MAXIMUM VOLTAGE OUTPUT

8V RMS Unbalanced, 16V RMS Balanced

### SENSITIVITY (FOR RATED OUTPUT)

High Level, 450mV unbalanced,  
900mV balanced  
Phono MM, 4.5mV  
Phono MC, 0.45mV

### SIGNAL TO NOISE RATIO

(A-WEIGHTED)  
High Level, 98dB  
Phono, 80dB

### INPUT IMPEDANCE

High Level, 20K ohms unbalanced,  
20k ohms balanced  
Phono MM, 47K ohms; 50 to 350pF,  
in 50pF steps  
Phono MC, 10, 25, 50, 100, 200, 500  
or 1,000 ohms; 100pF

### MAXIMUM INPUT SIGNAL

High Level, 5V Unbalanced, 10V Balanced  
Phono MM, 50mV  
Phono MC, 5mV

### VOLTAGE GAIN

High Level to Record Output: 0dB  
High Level to Output 1 and 2: 15dB  
Phono MM to Record Output: 40dB  
Phono MC to Record Output: 60dB

### OUTPUT IMPEDANCE

220 ohms

### HEADPHONE LOAD IMPEDANCE

16 ohms to 250 ohms

### TUBE COMPLIMENT

High Level Circuitry: 2 - 12AX7A  
MM Phono Circuitry: 2 - 12AX7A  
MC Phono Circuitry: 2 - 12AX7A

### POWER REQUIREMENTS

100V, 50/60Hz at 75 watts  
110V, 50/60Hz at 75 watts  
120V, 50/60Hz at 75 watts  
220V, 50/60Hz at 75 watts  
230V, 50/60Hz at 75 watts  
240V, 50/60Hz at 75 watts  
Standby, less than 2 watts

Note: Refer to the rear panel of the  
C22 for the correct voltage.

### OVERALL DIMENSIONS (H X W X D)

Width is 17-1/2" (44.45cm)  
Height is 6" (15.24cm)  
including feet  
Depth is 18" (45.72cm) including  
the Front Panel, Knobs and Cables

### WEIGHT

27 lbs. (12.25 kg) net,  
43.4 lbs. (19.68 kg) in shipping carton

### SHIPPING CARTON DIMENSIONS

Width is 26-1/2" (67.3cm)  
Depth is 24-1/4" (61.6cm)  
Height is 11-3/4" (29.9cm)

## MC75 POWER AMPLIFIER

### POWER OUTPUT

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

### OUTPUT LOAD IMPEDANCE

2, 4, or 8 ohm

### 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%

### INTERMODULATION DISTORTION

Maximum Intermodulation Distortion  
if instantaneous peak output does not  
exceed twice the rated output, for any  
combination of frequencies from 20Hz  
to 20,000Hz is 0.5%

### A-WEIGHTED SIGNAL TO NOISE RATIO

110dB

### FREQUENCY RESPONSE

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

### SENSITIVITY

Unbalanced Input: Selectable 1.7/0.85 Volt  
Balanced Input: Selectable 3.4/1.7 Volt

### INPUT IMPEDANCE

20,000 ohms Unbalanced Input  
15,000 ohms Balanced Input

### WIDE BAND DAMPING FACTOR

Greater than 18

### TUBE COMPLIMENT

1 - 12AX7A Input and Phase Inverter  
2 - 12AT7 Voltage Amplifier and Driver  
2 - KT88 Power Output

### POWER REQUIREMENT

100 Volts, 50/60Hz at 2.2 amps  
110 Volts, 50/60Hz at 1.8 amp  
120 Volts, 50/60Hz at 1.8 amp  
220 Volts, 50/60Hz at 1.1 amp  
230 Volts, 50/60Hz at 1 amp  
240 Volts, 50/60Hz at 1 amp  
Standby less than 0.5W

Note: Refer to the right side panel  
of the MC75 for the correct voltage.

### OVERALL DIMENSIONS (H X W X D)

Width is 17-3/4" (45.09cm)  
Height is 8-1/2" (21.59cm)  
including feet  
Depth is 8-1/2" (21.59cm)

### WEIGHT

38 lbs. (17.24kg) net,  
43.5 lbs. (19.73kg) in shipping carton

McIntosh®

LEGENDARY™

www.mcintoshlabs.com