

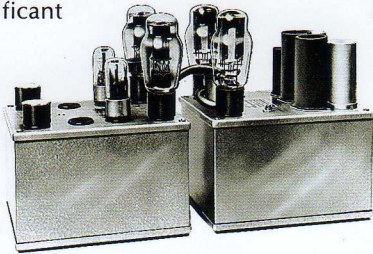
# McIntosh®



# McINTOSH LABORATORIES A TRADITION OF EXCELLENCE

McIntosh Laboratory Inc. of Binghamton, New York has been manufacturing high quality audio equipment since 1949. This history of success indicates a long term consistency in company philosophy for producing only the highest quality audio products.

The most significant characteristic of McIntosh products is their design excellence with emphasis on both superior performance and long operating life. It is typical for a music listener to enjoy the performance of a McIntosh system for many trouble free years, while those who choose other brands may go through several different complete systems during the same time.



McIntosh products have always maintained similar appearance designs. As new models are added, significant performance improvements are made. Appearance upgrades are also done in such a clever manner that the style of even the newest models is unmistakably Classic McIntosh.



The first McIntosh power amplifier, the Unity Coupled Model 50W1, was introduced in 1949, and earned McIntosh its first patent. It had 50 watts output with a distortion limit of less than 1% throughout the audio range of 20Hz to 20,000Hz. No other power amplifier had ever achieved this level of performance. This was the start of the McIntosh legend.

The initial success of the original McIntosh power amplifier was followed by other products. A preamplifier was added, and then a smaller lower powered Unity Coupled amplifier, the 15W1, was introduced. As more products were added and production quantities increased, the original manufacturing area in Silver Spring, MD was no longer adequate. In 1951, McIntosh Laboratory moved to a brand new facility in Binghamton, New York.



McIntosh philosophy has never deviated from the policy of designing the finest possible audio equipment. A continual program of technical design improvements and product innovations has occurred over the years since 1949. For example, the distortion limit for contemporary McIntosh power amplifiers is 0.005%, 200 times better than the original model. A total of 34 patents have been awarded to McIntosh Laboratory, with another pending.

All McIntosh circuit and product advancements are based on solid scientific theory. McIntosh has always refused to accept design ideas that may be just a short term fad with questionable merit. McIntosh philosophy has always been to tell the absolute truth with respect to product performance.

All McIntosh circuit and product advancements are based on solid scientific theory. McIntosh has always refused to accept design ideas that may be just a short term fad with questionable merit. McIntosh philosophy has always been to tell the absolute truth with respect to product performance.



McIntosh philosophy has always been to tell the absolute truth with respect to product performance.

# LABORATORY EXCELLENCE SINCE 1949

Every McIntosh product is manufactured and carefully tested to insure it will meet or exceed its performance limits. The McIntosh investment in testing and measuring equipment is one of the largest in the audio industry.

Reliability as well as performance has also been a major feature of McIntosh product designs. No circuit component part is ever stressed even close to its safe operating limit. Heat dissipation is

carefully controlled in all McIntosh power amplifiers. If an amplifier runs cooler, it will last longer, and McIntosh amplifiers do last longer.

The outstanding performance and reliability of McIntosh power amplifiers have resulted in their use by both industry and the military, as well as by discriminating music listeners. This legendary long life has also resulted

in McIntosh products enjoying one of the highest resale values in the audio industry. Many McIntosh products have earned the enviable reputation as being classics. There are

cases where collectors have paid up to several times the original selling price to acquire certain models. McIntosh has designed, manufactured and sold more than 150 different audio products since 1949. It is significant that at least 70

manufacturers of similar products have gone out of business during that time.

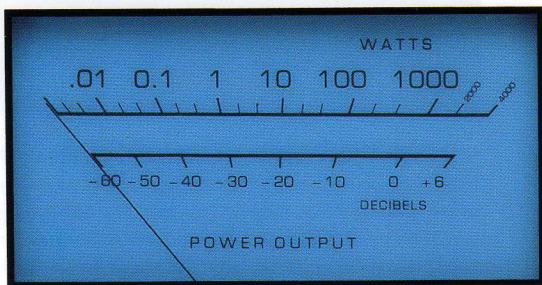
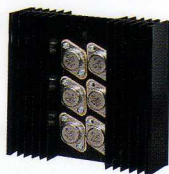
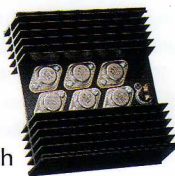
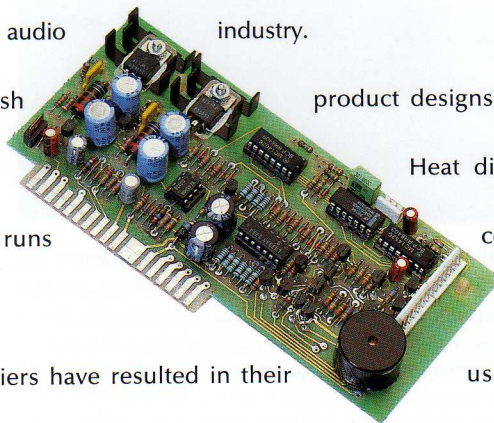
The long term success of McIntosh Laboratory has been reinforced by the professionalism of its retail dealer organization. A typical McIntosh dealer

necessary for creating and installing an audio system that will match the listening environment and life style of its owner. This is especially

important in the complex world of multiple zone, remote control audio and video systems. The expertise and after sale service provided by these

dealers have been a critical component of McIntosh's legendary customer satisfaction. Thousands of McIntosh owners have described McIntosh products with

one word, QUALITY. The final proof is always in the listening experience. How do they sound? The "McIntosh Sound, the Sound of the Music Itself".





### MC1000 1000 Watt Monophonic Power Amplifier

This is the most powerful amplifier McIntosh has ever manufactured. The advanced circuit features a dual balanced design. The outputs of the two balanced circuits are combined in a McIntosh designed Autoformer with impedance taps of 2, 4 and 8 ohms. The high efficiency circuit design results in such a cool operating amplifier, that fans are not necessary. A Power Output Meter indicates the True Output in watts, with circuits that measure both output voltage as well as current. The MC1000 can produce a peak output current of 160 amperes. A Gold Plated, Balanced Input connector, as well as an Unbalanced RCA connector are included.



### MC2600 600 Watt Per Channel Stereo Power Amplifier

This is the most powerful Stereo Amplifier McIntosh has ever manufactured. A peak output current of 100 amperes per channel is available. Each channel is coupled to the loudspeaker through a McIntosh Autoformer with impedance taps of 2, 4, and 8 ohms. Both Balanced and Unbalanced gold input connectors are included. The amplifier can be connected for 1200 watts mono in Bridged or Parallel configuration. Two large Power Output meters read Output Level in watts, which respond accurately to even the shortest musical transients. Two internal cooling fans allow this amplifier to be safely used in a variety of installations, including a standard 19 inch rack.



### MC7300 300 Watt Per Channel Stereo Power Amplifier

This amplifier has adequate power to drive virtually any quality loudspeaker. A peak output current of 85 amperes per channel is available. Each channel is coupled to the loudspeakers through a McIntosh Autoformer with impedance taps of 2, 4, and 8 ohms. Two Power Output Meters read the True Output Power in watts, with circuits that measure both output voltage and current. The amplifier can be connected for 600 watts mono in either Bridged or Parallel configuration. Both Balanced and Unbalanced gold input connectors are provided.



### MC7150 150 Watt Per Channel Stereo Power Amplifier

This amplifier is the highest output model ever offered by McIntosh in the popular five inch high format. The peak output current of 55 amperes is easily handled by a pair of McIntosh designed output Autoformers. Output impedance taps of 2, 4, and 8 ohms are provided to allow ideal amplifier coupling to any type of loudspeaker load. Two Power Output Meters indicate the True Output Power, with circuits that measure both output voltage and current. Time stretching circuits cause the output meters to accurately read Power Output Levels of even short duration musical transients.



**MC7106 Six Channel Power Amplifier  
100 Watts Per Channel**

Six 100 watt output channels make the MC7106 the ideal power amplifier for multi zone, surround sound or home theater applications. Each of the three pairs of channels can be switched into bridged condition for 300 watts output each. You have a choice of six 100 watt channels, four 100 watt channels and one 300 watt channel, two 100 watt channels and two 300 watt channels, or three 300 watt channels. Each channel has a peak output current of 18 amperes. Front panel LED power indicators are included for all six channels, with an illumination brightness control. The MC7106 has been certified for use with the Home THX® Audio System.



**MCD7007 Compact Disc Player**

The remote controlled MCD7007 operating features include a memory play selection which allows you to store up to 20 selected tracks for playback in any desired sequence. You can program to play a track from the beginning or any number of minutes and seconds into any track. You can also select play from any Index number on a disc. Scan, Review and Repeat functions are also included. The front panel display reads the disc track number being played, and either the elapsed time into the track, or the total remaining time on the disc. The MCD7007 can be operated by any McIntosh Remote Control Center or system.



**MC7100 Stereo Power Amplifier  
100 Watts Per Channel**

The low profile and compact size of the MC7100 make it ideal for an installation where space is at a premium. This amplifier is also perfect for use in multi zone systems as well as surround sound or home theater applications. A direct coupled power output of 100 watts into 8 ohms, 150 watts into 4 ohms and a peak output current of 18 amperes per channel allow the amplifier to be used with a wide range of loudspeakers. The MC7100 can be connected in Bridged configuration for 300 watts mono output into 8 ohm loads.



**MCD7008 Compact Disc Changer**

The Remote Controlled MCD7008 Disc Changer uses the MusicBank system, with a Seven Disc internal storage capacity. The player also can be operated as a single disc system. The single disc tray will accept a three inch disc without an adapter. You can store in the player memory up to 50 disc tracks, from any of the seven discs, in any desired order for playback. Select Random Play, and the tracks and discs will play back in a completely random order. It is possible to enjoy more than eight hours of uninterrupted music from a total of seven discs. All programming and operating functions can be done at the front panel.



### C36 Audio Control Center

Nine separate program input signal sources can be selected for both Listen and Record use. All Selector and pushbutton functions are handled by logic driven Electromagnetic switching. The popular McIntosh Active Loudness Control provides accurate frequency balance at softer listening levels. Bass and Treble controls provide 12dB boost or cut. Signal Processor loops are provided for both Listen and Record signals. Two extra switched outputs and a head-phone jack enhance this simple, yet elegant product.



### C38 System Control Center

The Remote Controlled C38 has built-in capability to control two separate listening areas. It also will directly interface with the McIntosh CR10 Remote Control system, increasing control capabilities to a maximum of six. The HR38 hand held controller can transmit information to the front panel IR sensor, a wall mounted sensor, or the sensor in a wall mounted keypad. Add an MVS-3 Audio/Video Selector to control five additional Audio, Video and S-Video signals. The HC-1 Home Controller can be added to switch a variety of accessories. Balanced Output connectors are included in addition to the standard unbalanced RCA outputs.



### C39 Audio/Video Control Center

The Remote Controlled C39 has built-in switching capability for Audio as well as Video and S-Video signals. It also can control two separate listening areas, and will directly interface with the CR10 Remote Control system to add up to four more control areas. Add optional accessories such as wall mounted keypads, and the HC-1 Home Controller. Dolby Pro Logic™ Surround Sound decoder circuits are built-in together with the appropriate required outputs. At a later date, the C39 can be modified by your McIntosh dealer to be compatible with the Home THX® Audio System. The C39 will be the ideal Control Center for a Home Theater System.



### C40 Audio Control Center

The C40 is the most advanced performance Audio Control Center ever created. The distortion levels are so low, it takes special instruments for accurate measurements. Logic driven Electromagnetic switching selects eight high level program signal sources as well as Moving Magnet Phono for both Listen and Record modes. Balanced Outputs are included, together with a pair of Balanced High Level Inputs. Features include a Five Frequency Program Equalizer, the McIntosh designed Compandor system and the Active Variable Loudness Control. A 20 watt per channel Monitor Amplifier with Power Guard is also built-in.



**MR7083 AM/FM Stereo Tuner**

There are 8 Station Tuning Preset buttons for both AM and FM stations. FM reception is enhanced by a DMOSFET FM RF Amplifier and a Phase Locked Loop Multiplex Stereo decoder. The AM section incorporates a Low Impedance directional Loopstick antenna. The MR7083 incorporates a special Audio Processor circuit which enhances the sound by modifying both phase and frequency response. High sensitivity, good selectivity and low distortion make the MR7083 Tuner ideal for off the air tape recording. All major functions of the MR7083 can be operated by any McIntosh Remote Control Center or System.



**CR10 Remote Control System**

The CR10 has the ability to control up to four separate areas. The CR10 is shipped with Area Control Modules for Area One and Two installed and ready for use. To increase control to the full four areas, two additional Area Control Modules can easily be installed. There are six program input signal sources available. The program signal and volume can be selected either before or after the area is turned on. Front panel displays indicate active areas and program sources selected as well as volume. Remote system accessories such as the PC-1 AC Power Controller, WK-1 Keypad and HC-1 Home Controller enhance the system capabilities. The CR10 will directly interface with a C38 System Control Center or a C39 Audio/Video Control Center.



**MAC4300V AM/FM Receiver 100 Watts Per Channel**

The Remote Controlled MAC4300V Tuner section includes six AM or FM station tuning preset buttons as well as Scan Up and Down. The FM section uses a Signal Locked Loop which locks directly to the signal frequency of the station being received. A front panel LED display indicates the relative signal strength of the station being received. The preamplifier section features the McIntosh five frequency band Program Equalizer and the Active Variable Loudness Control. Seven high level program source inputs and one magnetic phono input are available. A 100 watt per channel Power Amplifier, featuring the McIntosh POWER GUARD circuit is included. Front panel LED power level indicators are provided for each channel.



**MAC4280 AM/FM Receiver 75 Watts Per Channel**

The Remote Controlled MAC4280 Tuner section includes five AM and FM station tuning preset buttons as well as Scan Up and Down. The advanced FM circuits give high sensitivity as well as excellent selectivity. The AM tuner circuits are designed to recover the maximum fidelity of an AM broadcast signal with minimum noise interference. The Preamplifier section includes a three frequency band Program Equalizer and separate Record and Listen circuits. There are phono inputs for a moving magnet cartridge, as well as for a moving coil cartridge. The Power amplifier section delivers 75 watts per channel and includes the popular McIntosh POWER GUARD circuit which prevents clipping.

# McINTOSH...KNOWN THROUGHOUT THE WORLD FOR PERFORMANCE, RELIABILITY AND QUALITY

Amplifiers	Watts/Channel	Amps	THD	Size	Weight
MC 1000	1000 (mono)	160	less than 0.005%	17-1/2"W x 10-1/16"H x 19-5/16"D	105 lbs. net, 118 lbs. shipping
MC 2600	600 (2 channels)	100	less than 0.005%	19" W x 10-1/2" H x 18"D	130 lbs. net, 145 lbs. shipping
MC 7300	300 (2 channels)	85	less than 0.005%	17-1/2"W x 7-1/2"H x 15-9/16"D	79 lbs. net, 97 lbs. shipping
MC 7150	150 (2 channels)	50	less than 0.005%	17-1/2"W x 5-3/8"H x 15-1/4"D	58 lbs. net, 72-1/2 lbs. shipping
MC 7106	100 (6 channels)	18	less than 0.005%	17-1/2"W x 7-1/8"H x 20"D	52 lbs. net 70 lbs. shipping
MC 7100	100 (2 channels)	18	less than 0.005%	17"W x 3-5/8"W x 16-1/2"D	24 lbs. net, 35 lbs. shipping

Preamplifiers	Output Impedance	Frequency Response	Harmonic/IM Dist.	Size	Weight
C 36	600 ohms	+0, -0.5dB from 20Hz to 20,000Hz	less than 0.002%	17-1/2"W x 5-3/8"H x 15-1/2"D	18 lbs. net, 30 lbs. shipping
C 38	600 ohms	+0, -0.5dB from 20Hz to 20,000Hz	less than 0.002%	17-1/2"W x 5-3/8"H x 17"D	20 lbs. net, 35 lbs. shipping
C 39	600 ohms	+0, -0.5dB from 20Hz to 20,000Hz	less than 0.002%	17-1/2"W x 7-1/8"H x 17"D	30 lbs. net, 44 lbs. shipping
C 40	600 ohms	+0, -0.5dB from 20Hz to 20,000Hz	less than 0.002%	17-1/2"W x 5-3/8"H x 17"D	26-1/2 lbs. net, 38-1/2 lbs. shipping

Tuner	FM Sensitivity	FM Distortion	AM Distortion	Size	Weight
MR 7083	11.25dB	0.08% at 1000Hz	0.5% maximum at 30% modulation	17-1/2"W x 5-3/8"H x 14"D	15-1/2 lbs. net, 27-1/2 lbs. shipping

CD Players	Signal to Noise	D/A Conversion	THD	Size	Weight
MCD 7007	107dB-A	16 bit dual, 4X oversampling	0.0012%	16-1/8"W x 5-3/8"H x 14"D	18 lbs. net, 30 lbs. shipping
MCD 7008	107dB-A	20 bit dual, 8X oversampling	0.002%	17-1/2"W x 5-3/8"H x 17"D	24-1/2 lbs. net, 38 lbs. shipping

Remote Control	Area Capability	Inputs	THD	Size	Weight
CR 10	4	6	less than 0.004%	17-1/2"W x 5-3/8"H x 15-1/2"D	16-1/2 lbs. net, 28-1/2 lbs. shipping

Receivers	Watts/Channel	FM Distortion	AM Distortion	Size	Weight
MAC 4280	75	0.1% at 1000Hz	less than 1% at 50% modulation	18-1/4"W x 5-1/4"H x 15-1/2"D	29 lbs. net, 3 lbs shipping
MAC 4300V	100	0.08% at 1000Hz	less than 0.5% at 50% modulation	18-1/2"W x 6-1/16"H x 17-9/16"D	34-1/2 lbs. net, 48-1/2 lbs. shipping

## FREE THREE YEAR FACTORY SERVICE CONTRACT

All McIntosh Electronic Products are protected by a free three year Factory Service Contract. When the Service Contract Card is returned to McIntosh Laboratory, you will receive, by return mail, a Service Con-

tract Certificate. It will include a registration number, your name, the model number and the serial number of your McIntosh unit. The contract covers all parts, materials and labor necessary to return your unit to original performance limits. The terms of this service contract

will be honored by McIntosh Dealers and Service Agencies throughout the 50 states and Canada.

Franchised Dealer



McINTOSH LABORATORY INC.  
2 CHAMBERS ST., BINGHAMTON, NY 13903-2699  
607-723-3512

The continuous improvement of its products is the policy of McIntosh Laboratory Inc. who reserve the right to improve design without notice.

Copyright 1992 © by McIntosh Laboratory Inc.  
Printed in the U.S.A.  
039902