

# MX120 HOME THEATER PROCESSOR



The MX120 is designed to be the hub of a fine home theater system combining legendary McIntosh analog two-channel performance with the latest digital audio and video signal processing and source switching.

Balanced and singled-ended audio outputs are supported. Pure analog and two-channel bypass modes are provided, as is a low noise MM phono preamp. A multi-channel input is included. Balanced and unbalanced analog inputs are supported. Three optical and three coaxial digital audio inputs are provided and assignable to any audio/video input.

Four HDMI digital video inputs and five Component video inputs are assignable to any audio/video input. All A/V inputs may be renamed. All standard definition video signals can be transcoded to digital HDMI for ease of connection and optimum picture quality. A high bandwidth HDMI switching module insures seamless 1080p signal routing.

Programming and customization are made easy via a system of on-screen menus. Bass and treble, loudspeaker level trims as well as surround and music modes are all readily accessible via the front panel. The MX120 supports two zones of audio and video, McIntosh power and data control, and is fully RS232 compatible.

*“complete control  
for audio or video”*

- Four HDMI Inputs
- Stereo Balanced Input
- Three Balanced Outputs
- 6 Analog Inputs
- 6 S-Video Inputs
- 6 Digital Audio Inputs
- Custom Input Re-naming
- DTS ES and DTS Neo:6
- Dolby Digital, EX and PL IIx
- “Party Music” Mode
- 7.1 Expansion Mode
- Late Night Movie Mode
- Programmable Triggers
- Multiple Data Outputs
- S232 Control Port
- Second Zone

## McIntosh®

LEGENDARY™

## FLEXIBLE SET UP

Digital video up-conversion from composite, S-video and component analog video sources. Preferred listening modes can be assigned to each input. Easy adjustment from front panel or remote without layered menus. Separate bass and treble settings for each source. Fully re-nameable inputs. Balanced XLR outputs for primary three channels. Balanced (XLR) stereo input.

## EASY TO OPERATE

Simplified control layout and operating software. Ergonomic operation from the front panel. Easy on-the-fly fine tuning from front panel or remote control.

## VIDEO TRANSCODING

Standard definition video signals can be transcoded up to Component and/or digital HDMI.

## MULTI ZONE FLEXIBILITY

Support for two zones of both audio and video.

## REMOTE CONTROL

One button operation with all McIntosh products via power and data control. IR and RS 232 compatible for easy interface with third party controllers.

## FOR THE CONSUMER'S PROTECTION

In order to ensure the highest level of customer satisfaction, "new" McIntosh products may only be purchased over-the-counter or delivered and installed by an Authorized McIntosh Dealer.

McIntosh products that are purchased over the Internet, by phone or mail order are presumed to be "used" and do not qualify for any McIntosh Warranty. McIntosh does not warrant, in any way, products that are purchased from anyone who is not an Authorized Dealer or products that have had their serial number altered or defaced.



### FREQUENCY RESPONSE STEREO MODE

LEFT and RIGHT FRONT channels, +0, -0.5dB from 20Hz to 20kHz

### DOLBY PRO-LOGIC IIx MODE AND MUSIC MODES

LEFT, CENTER and RIGHT FRONT, LEFT and RIGHT SURROUND and BACK channels, +0, -0.5dB from 20Hz to 20kHz

If small speakers are programmed, the above channels employ high pass filters with a corner frequency of 80Hz and a 1dB per octave roll-off.

### DD, DTS, AND 8 CHANNEL EXTERNAL INPUT

All Channels, +0, -0.5dB from 20Hz to 20kHz

### SUBWOOFER

Low Pass filtered with an 80Hz corner frequency and 24dB per octave roll off in all modes except external.

### RATED OUTPUT

2V from all outputs

### OUTPUT IMPEDANCE

Less than 600 Ohms all outputs

### MAXIMUM OUTPUT

8V from all outputs

### TOTAL HARMONIC DISTORTION

All Channels, 0.005% from 20Hz to 20kHz

### VOLTAGE GAIN

High Level to Tape Output: 0dB  
High Level to Preamp Output: 14dB  
Phono to Preamp Output: 54dB

### INPUT SENSITIVITY

Line Level: 100mV for 500mV output  
Phono: 1mV for 500mV output  
Dolby Level: 200mV  
External processor reference level: 200mV

### SIGNAL-TO-NOISE RATIO

98dB below rated output

### MAXIMUM INPUT SIGNAL

High Level: 6V

### INPUT IMPEDANCE

High Level: 20K Ohms; Phono: 47K Ohms

### TONE CONTROLS

Bass and Treble variable 12dB boost to 12dB cut

### POWER REQUIREMENTS

110V, 110V, 120V, 220V, 230V, 240V all 50/60Hz, 65 watts

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

7-5/8" (19.63cm) x 17-1/2" (44.5cm) x 18-3/4" (47.63cm)

### WEIGHT

27 lbs. (12.25kg) net  
46 lbs. (20.9kg) shipping