

**MX120**  
**Home Theater**  
**Processor**



**“complete control for  
audio or video”**

WATTS

The MX120 is a complete system Control Center that combines the famous McIntosh analog two channel performance with the latest digital audio and video formats. Video or Music may be enjoyed and optimized in a variety of listening environments.

The newest video switching architecture is provided with four assignable High Definition-HDMI digital inputs and three Component video inputs. Six MX120 inputs have both audio and video signal paths.

Multiple modes of video are supported including digital video conversion of legacy video sources. Analog video sources with Composite or 'S' outputs may be converted to Component video to match modern display technology. When using a High Definition video display all inputs may be further scaled to digital 720p HDMI output. Pure HD HDMI sources are switched and supported at the highest 1080p line rate.

Audiophiles need not give up sound quality for flexibility with an MX120. Pure analog and two-channel bypass modes are provided, as is low noise MM phono preamp. Balanced and unbalanced connections are provided.

**Four HDMI Inputs**  
**One Pair of Balanced Inputs**  
**L-C-R Channel Balanced Outputs**  
**8 Analog Audio Inputs**  
**6 Inputs with Video**  
**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**

*A Tradition of Excellence.*



McIntosh Laboratory, Inc. 2 Chambers Street, Binghamton, New York 13903-2699  
Tel (607) 723-3512 • US Toll-Free (800) 538-6576 • Fax: (607) 724-0549 • www.mcintoshlabs.com

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## MX120 Home Theater Processor

### FLEXIBLE SET UP

Digital video upconversion to 720p 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 know-action operation from the front panel. Easy on-the-fly fine tuning from front panel or remote control.

### COMPANION PRODUCTS



The MC205 Power Amplifier and the MVP871 DVD/CD Player are logical companions for the MX120. Your Authorized Dealer can provide additional information on other McIntosh product combinations.

### 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 12dB 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

### 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

### VOLTAGE GAIN

High Level to Tape Output: 0dB

High Level to Preamp Output: 14dB

Phono to Preamp Output: 54dB

### tone CONTROLS

Bass and Treble variable 12dB boost to 12dB cut

### POWER REQUIREMENTS

100V, 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

