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
**MX120 HOME THEATER PROCESSOR**

**FREQUENCY RESPONSE STEREO MODE**
- LEFT and RIGHT FRONT channels, +0, -0.5dB from 20Hz to 20kHz

**DOLBY PRO-LOGIC Ix 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

**POWER REQUIREMENTS**
- 110V, 110V, 120V, 220V, 230V, 240V all 50/60Hz, 65 watts

**OVERALL DIMENSIONS (H w 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

**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.