

# MX 123

## 13.2 CHANNEL HOME THEATER PROCESSOR

McIntosh  
The Compendium



**FRONT PANEL:** LED/fiber-optic illuminated green nomenclature. INPUT control. Digital information display. VOLUME control. ⚡ NAV controls: ◀, ▶, ENTER, ▶, ▼. Indicators: DOLBY, DTS, AUDYSSEY: IN/OUT. INPUT/OUTPUT FORMAT indicators: FL, C, FR, SL, LFE, SR, SLB, S and SRB. Indicators: ANALOG SIGNAL, DIGITAL SIGNAL, HDMI SIGNAL, MULTIZONE IR remote sensor. ⚡ Touch buttons: RETURN, SETUP, STATUS, MOVIE, MUSIC, GAME. Touch buttons: ZONE SEL, Z2: ON / OFF, Z3: ON / OFF, DIMMER, SLEEP (with indicator), STANDBY / ON (with indicator).



**BACK PANEL:** BLUETOOTH WI-FI ANTENNA. USB connector. NETWORK connector. HDMI inputs: 1 (Cable/Satellite), 2 (DVD), 3 (BLU-RAY), 4 (GAME), 5 (MEDIA PLAYER), 6 (AUX), 7 (CD). HDMI outputs: ZONE 2, MONITOR 1, MONITOR 2. Power cord receptacle. BLUETOOTH WI-FI ANTENNA. ⚡ DIGITAL AUDIO inputs: USB connector. COAX 1 (Cable/Satellite) and 2 (DVD) / OPTICAL: (TV AUDIO) and 2 (CD). RS232 control connector / SETUP Microphone connector. TRIGGER 1 / TRIGGER 2. IR input / DATA output. XLR BALANCED INPUT: Right & Left. VIDEO: 1 (Cable/Satellite) / 2 (DVD), 3 (Blu-Ray) / 4 (GAME), (MONITOR output) / (Z2 output). COMPONENT VIDEO: Inputs 1 (Cable/Satellite): Y, PB and PR / Inputs 2 (DVD): Y, PB and PR, Inputs 3 (BLU-RAY): Y, PB and PR, MONITOR output: Y, PB and PR / ZONE 2 output: Y, PB and PR. ⚡ Ground connector.

**BACK PANEL (continued):** ANALOG AUDIO INPUTS: Left & Right PHONO, TUNER, Cable/Satellite, DVD, BLU-RAY, GAME, CD, MP. 7.1 Channel INPUTS: FL, FR, C, SUB, SL, SR, SBL, SBR. UNBALANCED PRE OUTPUTS: FL/FR, C/SUB, SL/SR, SBL/SBR, SW2, HL1/HR1, HL3/HR3, HL4/WIDE/HR4/WIDE. Left & Right unbalanced ANALOG AUDIO OUTPUTS: ZONE 2, ZONE 3. ⚡ BALANCED OUTPUTS: FR, FL, C, SW1, SW2, SR, SL, SBR, SBL, HR1, HL1, HR2, HL2, HR3, HL3.

**SPECIFICATIONS: Frequency Response:**  $\pm 0.5\text{dB}$  from 20Hz-20,000Hz. Subwoofer:  $\pm 0.5\text{dB}$  from 20Hz-8,000Hz. **Total Harmonic Distortion:** 0.005% maximum from 20Hz-20,000Hz. **Signal To Noise Ratio:** Phono 86dB below 10mV input (A-weighted); High Level 96dB below rated output (A-weighted). **Rated Output Voltage:** 2.5V Unbalanced Outputs (Main); 5V Balanced Outputs (Main). **Maximum Output Voltage:** 6V Unbalanced; 12V Balanced. **Output Impedance:** 220 ohms. **Input Impedance:** Phono 47k ohms, 65pF; High Level 20K ohms Unbalanced & Balanced. **Sensitivity for Rated Output:** Phono - 4.5mV; High Level - 450mV Unbalanced, 900mV Balanced. **Maximum Input Signal:** Phone: 50mV; High Level: 4.5V Unbalanced and Balanced.

**VIDEO SPECIFICATIONS: Signal System:** NTSC/PAL. **HDMI (Inputs and Outputs):** Version 2.0, High Dynamic Range (HDR), 4K Ultra HD@50/60Hz, 4:4:4 Color, Rec. 2020, 3D Video pass-through. **HDCP:** Version 2.3. **Scaling:** Analog and Digital Video Inputs scaled to a 4K Digital Signal. **Component Video Output Level:** Y Output Level 1.0Vp-p (75 OHM), PB/CB Output Level 0.7Vp-p (75 OHM), PR/CR Output Level 0.7vp-p (75 OHM). **Composite Video Output Level:** 1Vp-p (75 OHM). **Power Requirements:** 120 Volts, 50/60 Hz at 75 watts. **Control:** **HR088** Remote control (included), network, RS232.

**FEATURES: Inputs:** 8 HDMI (HDCP 2.2, 18Gbps), 7 Stereo (5 unbalanced + 2 balanced), 4 Optical, 3 Coax (for zone B), 1 Multi-channel 7.1 (unbalanced), 1 AES/EBU Digital, 1 USB for digital audio. **Outputs:** 16 Balanced, 4 HDMI (HDCP 2.2, 18Gbps), 1 Coax (for zone B), 1 Stereo Analog (unbalanced for zone B), 1 HDBaseT.

**Audio Processing:** Supports object-based 3D audio formats including **Dolby:**® Atmos, Atmos Height Virtualizer, TrueHD plus legacy formats; **DTS:** DTS:X Pro, DTS-HD Master Audio™ plus legacy formats; **MPEG-H Audio;** **Auro:** Auro-3D®, Auro-Matic, 9.1, 10.1, 11.1. **Auro Video Processing:** Plays 4K Ultra HD, HDR10, Dolby Vision, HLG native sources as well as up-converting lower resolutions to 4K Ultra HD for the best possible picture quality; **Creston Home.**

The 8 HDMI inputs and 4 HDMI outputs are powered by the newest and most powerful HDMI processors available. Each HDMI port is HDCP 2.2/2.3 and has 18Gbps of bandwidth to fully support 4K Ultra HD picture quality and full 4:4:4 color spacing. Audio Return Channel (ARC) capabilities are featured on 3 of the outputs, while the 4th features Enhanced Audio Return Channel (eARC) functionality. eARC offers improved bandwidth so higher resolution audio can be sent from a TV to the MX123 to deliver the best sound quality possible. HDR formats HDR10, Dolby Vision™ and HLG are also fully supported by the MX123. When watching a video mastered in one of these formats, there is a dramatic improvement in color, contrast

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### FEATURES (continued):

and brightness on the screen. A special HDBaseT output is included to prevent signal loss or degradation when there is a long distance between the MX123 and the screen. It also has 3D video pass-through.



**MX 123** - Sold from October 2019 - Current. S/N: ???1001~???????

**Size:** 7-5/8"H, 17-1/2"W and 19-1/2"D. **Weight:** 31 lb. **\$8,000.00**