

MX 170

15.1 CHANNEL AUDIO/VIDEO PROCESSOR

McIntosh

The Compendium



FRONT PANEL: LED/fiber-optic illuminated green nomenclature. **INPUT** control. Digital information display. **VOLUME** control. ⚡ **TRIM SELECT** control. **INPUT FORMAT** indicators: LF, C, RF, LS, LFE, RS, LRS, S and RRS. Indicators: **ANALOG SIGNAL**, **ROOMPERFECT**, **4K VIDEO**, **DIGITAL SIGNAL**, **HD AUDIO**, **3D AUDIO**. **OUTPUT FORMAT** indicators: LF, C, RF, LS, SUB, RS, LBS, LRS, BS, RRS. **SURROUND MODE** control. ⚡ **IR sensor**. Touch buttons: **DISPLAY MODE**, **LATE NIGHT** (with indicator), **SET UP**, **ADJUST** ▲, **BACK**, **SELECT**, **NAVIGATE** ►, **ZONE B CONTROL** (with indicator), **STANDBY / ON** (with indicator).



BACK PANEL: **USB 1** and **2** connector. **NET 1** LAN connector. **RS232** control connector. **PROCESSOR SD CARD** slot. Microphone input. **DIGITAL INPUTS:** 1 through 4 (optical), 5 (balanced), 6 through 8 (coaxial). **ZONE OUTPUT**. **USB 3** **PC AUDIO INPUT**. Ground connector. **BALANCED** audio input: Left & Right 1. Left & Right **PHONO** inputs. ⚡ **BALANCED** audio **OUTPUTS:** LF, RF, LS, RS, LTF, RTF, LTR, RTR. Unbalanced **AUDIO INPUTS:** Left & Right 1, 2, 3, 4. **BALANCED** audio input: Left & Right 2. Left & Right **ZONE B OUTPUT**. ⚡ **BALANCED** audio **OUTPUTS:** C, LFE, LRS, RRS, AUX 1, AUX 2, AUX 3, AUX 4. Unbalanced **MULTI CHANNEL INPUTS:** LF/RF, C/SUB, LS/RS, LRS/RRS. **IR INPUTS:** A / B. **DATA OUTPUTS:** 1/2, 3/4. **POWER CONTROL OUTPUTS:** A/B, 1/2. ⚡ **HDMI INPUTS:** 1 through 8. **HDMI OUTPUTS:** 1 through 4. **HDBT** output connector. **NET 2** output connector. Circuit breaker. Power cord receptacle.

AUDIO SPECIFICATIONS: **Frequency Response:** Left, Center, Right, Left Surround, Right Surround, Left Back Surround, Right Back Surround: $\pm 0.5\text{dB}$ from 20Hz-20,000Hz; Subwoofer: $\pm 0.5\text{dB}$ from 20-8,000Hz. **Total Harmonic Distortion:** 0.005% maximum from 20Hz to 20,000Hz at rated output. **Signal to Noise Ratio:** Phono 86dbA below 10mV input (A Weighted); High Level: 96dB below rated output (A Weighted). **Rated Output Voltage:** 2.5V Unbalanced Outputs (Main); 5.0V Balanced Outputs (Main). **Maximum Voltage Output:** 6.5V Unbalanced (8.5V Subwoofer); 13V Balanced (17V Subwoofer). **Output Impedance:** 75 ohms Unbalanced; 100 ohms Balanced. **Input Impedance:** Phono: 47k Ohms, 65pf; High Level: 10k Ohms Unbalanced and Balanced. **Sensitivity for Rated Output:** Phono: 5mV; High Level: 500mV Unbalanced; 1V Balanced. **Maximum Input Signal:** Phono: 50mV; High Level: 5V Unbalanced and Balanced. **Tone Controls:** Bass Control: $\pm 10\text{dB}$ at 30Hz; Treble Control - $\pm 10\text{dB}$ at 10,000Hz.

Power Requirements: 120 Volts, 50/60 Hz at 100 watts. Has hand remote **HR 085**.

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, TrueHD plus legacy formats; **DTS:** DTS:X, DTS-HD Master Audio™ plus legacy formats; **Auro:** Auro-3D®, Auro-Matic, 9.1, 10.1, 11.1. **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.

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 MX170 to deliver the best sound quality possible. HDR formats HDR10, Dolby Vision™ and HLG are also fully supported by the MX170. When watching a video mastered in one of these formats, there is a dramatic improvement in color, contrast 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 MX170 and the screen. It also has 3D video pass-through.

Control: Remote control (included), network, RS232.

RoomPerfect: The MX170 includes sophisticated RoomPerfect™ room correction technology that will measure and adjust the audio output to compensate for the specific acoustic properties of the room and make every seat in the house the best seat in the house. The MX170 combined with RoomPerfect will give a home theater surround sound system with optimized frequency response, calibrated speaker volumes, and bass control that perfectly combines the speakers with the subwoofer(s).

MX 170

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MX 170 - Sold from October 2019 - 2022. S/N: AGR1001~AGR????

Size: 7-5/8"H, 17-1/2"W and 19-1/2"D. **Weight:** 30 lb. **\$15,500.00**