

MX 180

15.1 CHANNEL AUDIO/8K 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/8K 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 5. HDMI OUTPUTS: 1 and 2. Circuit breaker. Power cord receptacle.

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TECHNICAL 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. **HDMI (Inputs and Outputs):** 5 inputs, 2 outputs, all 8k. HDR, Dynamic HDR, HDR 10+, HLG, Dolby Vision, eARC, Dynamic Lip-sync, 4:4:4 Color. **Coaxial/Optical Digital Input Rate:** 32kHz to 192kHz, 16/20/24-Bit PCV, Dolby Digital, Dts. **HDMI Digital Input Rate:** 32kHz to 192kHz, 24-Bit PCM, Dolby Digital/DTS/Dolby Atmos/Dolby TrueHD/Dolby Digital Plus/DTS:X/DTS-HD/Master Audio/DTS-HD High Resolution Audio/DTS Express, 7.1 Multi-Channel Linear PCM 32kHz to 192kHz 16/20/24-Bit. **Video Resolution:** 8K/60Hz; 4k/120Hz. **Fixed Rate Link (FRL):** 40 Gbps; 18Gbps TMDS. **HDCP:** Version 2.3. **Gaming:** Variable Refresh Rate (VRR); Quick Media Switching (QMS); Quick Frame Transport (QFT); Auto Low Latency Mode (ALLM).

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



MX 180 - Sold from February 2022 - current. S/N: ???1001~???????

Size: 7-5/8"H, 17-1/2"W and 19-1/2"D. **Weight:** 30 lb. **\$17,000.00**