

# MX 117

AM - FM STEREO TUNER / PRE-AMP

# McIntosh

The Compendium



**FRONT PANEL:** Glass with illuminated teal/gold nomenclature. Illuminated dial. MPX light. SIGNAL/TUNING LED column. Lighted pointer dial. LED input indicators: TAPE, AUX, AM, FM, MUTE, PH 1, PH 2. Tuning control. ⚡ INPUT SELECTOR: AUX, AM, FM, MUTE, PH 1, PH 2. Pushbutton switches: POWER: ON or OFF, MONITOR: TAPE 1: IN or OUT and TAPE 2: IN or OUT. TAPE COPY: T1▶T2, T2▶T1. MONO: OFF or ON. HEADPHONES jack. EQUALIZER FREQUENCY controls: 30, 750 and 10K Hz. Concentric BALANCE: LEFT to RIGHT / LOUDNESS: FLAT to MAX. VOLUME. PANLOC buttons.



**BACK PANEL:** ANTENNA push terminals: AM, Ground, 300  $\Omega$ , FM. 75  $\Omega$  coaxial FM connector. FM PRESELECTION switch: IN or OUT. Built-in ferrite antenna. ⚡ AC outlets: 3 SWITCHED, 2 UNSWITCHED. FUSE. Power cord. ⬆ SCOPE outputs: VERTICAL and HORIZONTAL. OUTPUTS: MAIN (2), LINE, TAPE 1, TAPE 2. ⬆ INPUTS: PH 1, PH 2, AUX, TAPE 1, TAPE 2. Ground binding post. Panloc mounting.

**PREAMPLIFIER SECTION:** **Response:** 20-20kHz (+0 -0.5dB). **Distortion:** 0.02%, **Input Sensitivity and Impedance:** aux 0.25V at 47k, phono 2.2mV at 47k and 50pF. **Voltage Gain:** 20dB aux, 61.1dB phono. **Hum and Noise:** aux -100dBa IHF, phono -90dBa IHF. **Output:** main 2.5V, line 1.25V, headphone 0.75V. **Output Impedance:** main 100 ohms into 5k or higher, line 600 ohms, headphone 8 ohms. **Equalizer Controls:** 30, 750 and 10kHz 12dB boost or cut.

**FM SECTION:** Sensitivity: 2.0uV (11.2dBf). **Distortion:** 0.38% in stereo. **Response:** 20-15kHz (+1.0 -1.0dB). **Image Rejection:** 100dB. **Stereo Separation:** 40dB. **Alternate Channel Selectivity:** 75dB IHF.

**AM SECTION:** Sensitivity: 75uV. S/N: 45dB. **Distortion:** 0.8%. **Response:** 20-3500Hz (+0 -6dB). **Adjacent Channel Sensitivity:** 30dB IHF. **Image Rejection:** 65dB. **Power Requirements:** 120V at 45 Watts.

**CABINET:** L 52 Also fits L 11, L 12, and L 62

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**MX 117** - Sold from April 1980 - November 1984. S/N: CM1001~CM2500 (1,499 UNITS)  
**Size:** 5-7/16H, 16"W and 13"D. **Weight:** 24 lb. **\$1,649.00**