

# MPI 4

## MAXIMUM PERFORMANCE INDICATOR / FM MULTIPATH TUNING INDICATOR

**McIntosh**  
The Compendium



**FRONT PANEL:** Glass with illuminated teal/gold nomenclature. Calibrated reticle screen. POWER LED column in 10dB steps from 0.1W to 1000W. PREAMP LED indicator. SWEEP. HORIZONTAL. VERTICAL. INTENSITY. POWER LEVEL. GAIN with on/OFF switch. ⚡ Pushbutton switches: SWEEP FREQUENCY: 20-200, 200-2K, 2K-20K. MODE SELECTOR: L, (DUAL TRACE), R, LEVEL, STEREO, MULTIPATH. INPUT AUDIO jack. PANLOC buttons.



**BACK PANEL:** Power cord. FUSE. Unswitched AC outlet. POWER AMP: Push terminals for: LEFT and RIGHT speaker inputs. SPEAKER IMPEDANCE switch: 4 Ω, 8 Ω or 16 Ω. PREAMP: LEFT AUDIO INPUT, LEFT AUDIO OUTPUT, RIGHT AUDIO INPUT, RIGHT AUDIO OUTPUT. TUNER: SIGNAL STRENGTH (TP 1), DEVIATION (TP 2). Panloc mounting.



**TOP PANEL:** LEVEL MODE: NORMAL, PEAK, RESET. RETICLE ILLUMINATION: OFF or ON. LOW PASS FILTER: OUT or IN. FOCUS. SWEEP: TRIGGER SOURCE: LEFT, RIGHT, LINE, TRACE SEPARATION: MIN to MAX, SWEEP EXPANSION: 0.25 to 5. TUNER: MULTIPATH POLARITY + or -, SIGNAL STRENGTH, DEVIATION. AUDIO TRIM: LEFT and RIGHT.

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

**PANLOC BRACKETS:** Right - 043-622 / Left - 043-623

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**SPECIFICATIONS: Multipath Mode:** sensitivity: 100mV/cm; response dc to 50kHz (-3dB); input impedance: 250k; signal strength polarity positive or negative. **Stereo Mode:** sensitivity (vertical and horizontal) 1.75mV rms/cm (5mV p-p/cm); response: 5Hz to 50kHz (-3dB); input impedance 250k. **Power Level Mode:** sensitivity: 0.1 to 1000 average watts for full scale indication (+3dB) in 9 calibrated steps; response: 5Hz to 100kHz (-3dB); input impedance: 75k, sensitivity 0.1 to 1000 average watts for full scale indication (+3dB) in 9 calibrated steps, response 5Hz to 100kHz (-3dB); input impedance 75k; calibration for 4, 8 and 16 ohm loads. **Preamp Mode:** sensitivity 15mV rms for +3dB indication; response 5Hz to 50k, input impedance 250k. **Sweep Mode:** display modes: left, right or dual trace; sensitivity: 1.6mV rms/cm (4.5mV p-p/cm); response: 5Hz to 50kHz (-3dB); input impedance 250k; sweep frequency: 20-20kHz in 3 decade ranges; sweep expansion 0.25X to 5X. Sweep triggers only when signal present, selectable trigger channel in dual trace mode. **Level Mode Times:** Normal: 250usec rise and 500ms decay; peak: 500usec rise and 25sec decay; reset: 250usec rise and 100 sec decay. **Low Pass Filter:** 16kHz LF filter for stereo and sweep modes; 19kHz and 38kHz rejected by 30dB. **CRT:** 3" round tube calibrated 5X6 cm. **Reticle Lights:** multipath = blue, stereo = red, level = amber, sweep = green. **Power Requirements:** 120 Volts at 50 watts.



**MPI 4** - Sold from July 1973 - May 1977. S/N: AF1001~AF2793 (1,792 units)

**Size:** 5-7/16"H, 16"W and 13"D. **Weight:** 21 lb. **\$599.00**