

# MI 502

## 2 CHANNEL DIGITAL AMPLIFIER

McIntosh

The Compendium



**FRONT PANEL:** Brushed aluminum and glass with LED/fiber-optic illuminated green nomenclature. Illuminated Left Channel power output meter (linear **WATTS** or **DECIBELS**). Indicators: Left Channel Circuitry Functions; Standby Power ON; Right Channel Circuitry Functions. Illuminated Right Channel power output meter (linear **WATTS** or **DECIBELS**). **POWER** push button: on or off.



**BACK PANEL:** **POWER CONTROL** jacks: IN and OUT. **BALANCED INPUTS:** RIGHT and LEFT. **UNBALANCED INPUTS:** RIGHT and LEFT. ⚡ **OUTPUTS:** RIGHT and LEFT. Power cord receptacle. Fuse holder.

**SPECIFICATIONS:** **Power Output:** Minimum sine wave continuous average power Output per channel, both channels operating is: **500 Watts** into a 8 ohm load; **800 Watts** into 4 ohm load. **Output Load Impedance:** 8 and 4 ohms. **Rated Power Band:** 20-20,000Hz. **Total Harmonic Distortion:** 0.05% maximum harmonic distortion at any power level from 250 milliwatts to rated power, 20Hz to 20,000Hz. **Dynamic Headroom:** 2.7dB, 8 ohm load; 3.7dB, 4 ohm load. **Frequency Response:** +0,-0.9dB from 20Hz to 20,000Hz. **Input Sensitivity for rated output (8 ohm load):** 4.8 Volt Balanced; 2.4 Volt Unbalanced. **Input Sensitivity for rated output (4 ohm load):** 4.2 Volt Balanced; 2.1 Volt Unbalanced. **Signal to Noise Ratio (A-Weighted):** 81dB (98dB below rated output). **Intermodulation Distortion:** 0.1% maximum if the instantaneous peak power output does not exceed the rated power output for any combination of frequencies from 20Hz to 20,000Hz. **Wide Band Damping Factor:** Greater than 85, 8 ohm load; greater than 45, 4 ohm load.

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**SPECIFICATIONS (Continued):** **Input Impedance:** 32,000 ohms Balanced; 18,000 ohms Unbalanced. **Voltage Gain:** 28dB. **Power Control Input:** 5-15VDC, less than 1mA. **Power Control Output:** 12VDC, 50mA maximum total. **Sentry Monitor.** **Power Guard.** **Signal Sensing.** **Class D.** **Power Requirements:** 100-120 / 220-240Volts at 15 Amps; Standby: less than 0.5 watt. Comes with optional Side Rack Mount Brackets for rack mounting.



**MI 502** - Sold from November 2022 - Current. **S/N:** ???1001~???????

**Size:** 4-5/16"H, 17-1/2"W (19" with Side Rack Mount Brackets) and 21"D. **Weight:** 21.5 lb.  
**\$4,500.00**