

# MI 1250

## 12 CHANNEL POWER AMPLIFIER

McIntosh

The Compendium



**FRONT PANEL:** Glass with LED/fiber-optic illuminated green nomenclature. **POWER** push button: on or off. ⚡ Indicators: Channels 1 through 12. ⚡ Indicator: Standby Power On.



**BACK PANEL:** [Bus and digital input section: **BUS 1** Left and Right IN / Left and Right OUT. **BUS 2** Left and Right IN / Left and Right OUT. **DIGITAL 1** optical and coaxial inputs. **DIGITAL 2** optical and coaxial inputs.]

[**CHANNEL 12/CHANNEL 11** section: channel 12 **VOLUME** and channel 11 **VOLUME**. Channel input switch: **LOCAL** (line) or **BUS**. Channel source switch: bus 1, bus 2, **DIGITAL 1**, or **DIGITAL 2**. Switch: **MONO** or **STEREO**. Unbalanced Left and Right inputs. + and - speaker terminals for 4 or 8 ohm loudspeakers.]

[**CHANNEL 10/CHANNEL 9** section: channel 10 **VOLUME** and channel 9 **VOLUME**. Channel input switch: **LOCAL** (line) or **BUS**. Channel source switch: bus 1, bus 2, **DIGITAL 1**, or **DIGITAL 2**. Switch: **MONO** or **STEREO**. Unbalanced Left and Right inputs. + and - speaker terminals for 4 or 8 ohm loudspeakers.]

[**CHANNEL 8/CHANNEL 7** section: channel 8 **VOLUME** and channel 7 **VOLUME**. Channel input switch: **LOCAL** (line) or **BUS**. Channel source switch: bus 1, bus 2, **DIGITAL 1**, or **DIGITAL 2**. Switch: **MONO** or **STEREO**. Unbalanced Left and Right inputs. + and - speaker terminals for 4 or 8 ohm loudspeakers.]

[**CHANNEL 6/CHANNEL 5** section: channel 6 **VOLUME** and channel 5 **VOLUME**. Channel input switch: **LOCAL** (line) or **BUS**. Channel source switch: bus 1, bus 2, **DIGITAL 1**, or **DIGITAL 2**. Switch: **MONO** or **STEREO**. Unbalanced Left and Right inputs. + and - speaker terminals for 4 or 8 ohm loudspeakers.]

[**CHANNEL 4/CHANNEL 3** section: channel 4 **VOLUME** and channel 3 **VOLUME**. Channel input switch: **LOCAL** (line) or **BUS**. Channel source switch: bus 1, bus 2, **DIGITAL 1**, or **DIGITAL 2**. Switch: **MONO** or **STEREO**. Unbalanced Left and Right inputs. + and - speaker terminals for 4 or 8 ohm loudspeakers.]

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### BACK PANEL (Continued):

[CHANNEL 2/CHANNEL 1 section: channel 2 VOLUME and channel 1 VOLUME. Channel input switch: LOCAL (line) or BUS. Channel source switch: bus 1, bus 2, digital 1, or digital 2. Switch: MONO or STEREO. Unbalanced Left and Right inputs. + and - speaker terminals for 4 or 8 ohm loudspeakers.]

POWER CONTROL jacks: IN and OUT. Fuse holder / Power cord receptacle.

**SPECIFICATIONS: Power Output:** Minimum sine wave continuous average power Output per channel, all channels operating is: **50 Watts** into 8 ohm load; **90 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:** 2.1dB, 8 ohm load; 3.3dB, 4 ohm load. **Frequency Response:** +0,-0.5dB from 20Hz to 20,000Hz. **Input Sensitivity for rated output:** 1.6 Volt Unbalanced (8 ohm Loudspeaker); 1.3 Volt Unbalanced (4 ohm Loudspeaker). **Signal to Noise Ratio (A-Weighted):** 85dB (95dB below rated output). **Intermodulation Distortion:** 0.2% maximum if the instantaneous peak power output does not exceed twice the rated power output or less per channel with all channels operating for any combination of frequencies from 20Hz to 20,000Hz. **Wide Band Damping Factor:** Greater than 65, at 8 ohms; greater than 32, at 4 ohms. **Input Impedance:** 26,000 ohms Unbalanced; 18,000 ohms Unbalanced. **Voltage Gain:** 29dB. **Power Control Input:** 5-15VDC, less than 1mA. **Power Control Output:** 12VDC, 50mA maximum total. *Sentry Monitor. Power Guard. Class D. Power Requirements:* 100 - 240Volts at 10 Amps; Standby: less than 0.5 watt. Comes with optional Side Rack Mount Brackets for rack mounting.



**MI 1250** - Sold from October 2021 - Current. S/N: ???1001~???????

**Size:** 4-5/16"H, 17-1/2"W (19" with Side Rack Mount Brackets) and 21"D. **Weight:** 22 lb.  
**\$4,000.00**