

MA 8950

STEREO INTEGRATED AMPLIFIER

McIntosh

The Compendium



FRONT PANEL: Glass with LED/fiber-optic illuminated green nomenclature. Left **POWER OUTPUT** meter (LINEAR WATTS or DECIBELS). Left and right **POWER GUARD** lights. Right **POWER OUTPUT** meter (LINEAR WATTS or DECIBELS). ⚡ **INPUT/TRIM** control. Equalizer frequency controls: 30, 125, 500, 2K, 10k. IR sensor. **VOLUME/ADJUST** control. ⚡ 1/8" **HEADPHONE** jack. Pushbutton switches with indicators: **OUTPUTS 1, 2**. Digital display. Pushbutton switches: **EQUALIZER** bypass (with indicator), **MUTE**, **STANDBY/ON / RESET** (with indicator).



BACK PANEL: Right speaker **OUTPUT** connectors for 8, 4 and 2 OHMS. **DA 2 DIGITAL AUDIO MODULE:** **DIGITAL AUDIO INPUTS:** COAX 1, COAX 2. **HDMI (ARC) / OPTICAL 1, OPTICAL 2, MCT** digital audio input, **USB AUDIO**. **SERVICE PORT**. **DATA PORTS:** 1, 2, 3, 4. **EXTERNAL CONTROL:** IR IN / RS232. **POWER CONTROL OUTPUTS:** TRIG 1 / TRIG 2, MAIN / PASSTHRU INPUT. Left speaker **OUTPUT** connectors for 8, 4 and 2 OHMS. ⚡ **Power cord** receptacle. **FUSE**. Unbalanced R & L **OUTPUTS:** FIXED, 2, 1 (jumper). Unbalanced R & L **POWER AMP** (jumper), 1, 2, 3, 4, 5, 6. **GROUND** binding post. Unbalanced R & L **PHONO INPUTS:** MC and MM. **BALANCED INPUTS:** R, L.

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AMPLIFIER SPECIFICATIONS: 200w/channel minimum sine wave continuous average power Output per channel, both channels operating. **Output Load Impedance:** 2, 4 or 8 ohms. **Rated Power Band:** 20Hz to 20,000Hz. **Total Harmonic Distortion:** 0.005% maximum with both channels operating from 250 milliwatts to rated power, 20Hz to 20,000hz. **Intermodulation Distortion:** 0.005% maximum, if the instantaneous peak power output does not exceed twice the rated power output for any combination of frequencies from 20Hz to 20,000Hz. **Dynamic headroom:** 3.1dB. **Wide Band Damping Factor:** Greater than 40. **Power Guard:** Less than 2% THD with up to 16dB overdrive at 1,000Hz. **Frequency Response:** +0, -0.5dB from 20Hz to 20,000Hz; +0, -3dB from 10Hz to 100,000Hz. **Preamplifier Output 1 and 2 (for rated Input):** 1.4V unbalanced (8V Maximum), 2.8V Balanced (8V Maximum). **Sensitivity (for rated Output):** High Level, 250mV unbalanced, 500mV balanced; Phono MM, 2.5mV, Phono MC, .025mV, Power Amp In, 1.4V. **Signal to Noise Ratio (A-Weighted):** High Level, 95db below rated Output; Phono MM, 82db below 5mV input; Phono MC, 80db below 0.5mV input; Power Amplifier, 113dB below rated Output. **Input Impedance:** High Level 20K ohms; Phono MM - 47K ohms; 50 pF; Phono MC - 50, 100, 200, 400 or 1,000 ohms: 100pF. **Preamplifier Output Impedance:** 220 Ohms. **Equalizer Controls Maximum Input Signal:** High Level, 8V unbalanced, 16V balanced; Phono MM, 80mv; Phono MC, 8mV; Power Amplifier In, 16V. **Headphone Impedance:** 100 to 600 ohms. **Voltage Gain:** High Level to Rec Output: 0dB; High Level to Output 1 and 2: 15dB; Phono MM to Rec Output: 40dB; Phono MC to Rec Output: 60db; Phono MM to Output 1 and 2: 55dB; Phono MC to Output 1 and 2: 75dB; Power Amplifier: 29dB. **Power Control and Trigger Output:** 12VDC, 25mA. **Power Requirements:** 120 Volts, 50/60Hz at 4.4 amps. **Power Guard.** **Sentry Monitor.** **Autoformers.** Has **HR085** hand remote.

DIGITAL AUDIO SPECIFICATIONS: **Digital Input Signal Format:** Coaxial and Optical Inputs – SPDIF (PCM); MCT and USB Inputs – PCM, DSD. **Digital Input Sample Rates:** Coaxial: PCM – 16Bit, 24Bit – 44.1kHz to 192kHz; Optical: PCM – 16Bit, 24Bit – 44.1kHz to 192kHz; MCT: PCM, SACD – 16Bit, 24Bit – 44.1kHz to 192kHz; USB: PCM – 16Bit, 24Bit, 32Bit – 44.1kHz to 384kHz; HDMI: PCM 24Bit, 44.1kHz – 192kHz, DTS, Dolby Digital. **Digital Inputs:** Coaxial: 0.5V p-p/75 ohms; Optical: -15dbm to -21dbm (TOS Link); MCT: 0.5V p-p/75 ohms; USB: USB Type B Connector; HDMI.



MA 8950 - Sold from February 2022 - Current. S/N: ???1001~???????

Size: 7-5/8"H, 17-1/2"W and 18-3/4"D. **Weight:** 75 lbs. **\$9,000.00**