

MA 9500

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: **25**, **50**, **100**, **200**, **400**, **1k**, **2.5k**, **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**, **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**. ⚡ **Balanced OUTPUT 2:** **R & L**. **Balanced INPUTS:** **2R**, **2L**, **1R** and **1L**. ⚡ **Power cord** receptacle. **FUSE**. **Unbalanced R & L OUTPUTS:** **FIXED**, **1** (jumper). **Unbalanced R & L INPUTS:** **POWER AMP** (jumper), **1**, **2**, **3**, **4**, **5**, **6**. **GROUND** binding posts. **Unbalanced R & L PHONO INPUTS:** **MC** and **MM**.

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PREAMPLIFIER SPECIFICATIONS: **Frequency Response:** +0, - 0.5dB from 20-20,000Hz, +0,-3dB from 10-100,000Hz. **Preamplifier Output 1 and 2 (for rated input):** 1.7V unbalanced (8V Maximum); 3.4V balanced (8V Maximum). **Preamplifier Output Impedance:** 220 ohms. **Output Impedance:** 220 ohms. **Sensitivity (for rated output):** High Level - 300mV unbalanced; 600mV balanced; Phono MM, 3.0mV; Phono MC, 0.3mV. **Signal To Noise Ratio (A-Weighted):** High Level, 98dB below rated output; Phono MM, 84dB below 5mV input; Phono MC, 82dB below 0.5mV input. **Input Impedance:** High Level - 22K ohms Unbalanced; 44k ohms Balanced; Phono MM - 50 to 400pF, in 50pF steps; 47Kohms; Phono MC - 50, 100, 200, 400 or 1,000 ohms;100pF. **Maximum Input Signal:** High Level, 8V unbalanced, 16V balanced; Phono MM, 80mV; Phono MC, 8mV. **Headphone Impedance:** 100 to 600 ohms. **Equalizer Controls:** 25Hz, 50Hz, 100Hz, 200Hz,, 400Hz, 1,000Hz, 2,500Hz and 10,000Hz.

POWER AMPLIFIER SPECIFICATIONS: **Power Output:** Minimum Output Power: 300 Watts into 2, 4 or 8 ohm speaker load. **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:** 2.8dB. **Wide Band Damping Factor:** Greater than 40. **Power Guard:** Less than 2% THD with up to 16dB overdrive at 1,000Hz. **Frequency Response:** +0, - 0.25dB from 20-20,000Hz, +0,-3.0dB from 10-100,000Hz. **Input Sensitivity (for rated output):** 1.7 Volts. **Signal to Noise Ratio (A-Weighted):** 114dB below rated output. **Input Impedance:** 22,000 ohms. **Maximum Input Signal:** Power Amplifier In, 16V. **Voltage Gain:** 29dB, 8 Ohms; 26dB, 4 Ohms; 23dB, 2 Ohms.

DIGITAL AUDIO SPECIFICATIONS: **Digital Input Signal Format:** Coaxial and Optical Inputs - SPDIF (PCM); MCT and USB Inputs - PCM, DSD. **Digital Input Sample Rates:** Coaxial and Optical: PCM - 16Bit, 24Bit - 44.1kHz to 192kHz; MCT: PCM, SACD, - 16Bit, 24Bit - 44.1kHz - 192kHz; USB: PCM - 16Bit, 24Bit - 44.1kHz to 384kHz; DXD - DXD352.8kHz, DXD384kHz; DSD - DSD64, DSD128, DSD256, DSD512. HDMI: PCM 24Bit, 44.1kHz - 192kHz. **Digital Inputs:** Coaxial: 0.5 p-p/75 ohms; Optical: -15dbm to -21dbm (TOS Link); MCT: 0.5V p-p/75 ohms; USB: USB Type B Connector; HDMI.

GENERAL SPECIFICATIONS: **Power Control and Trigger Output:** 12VDC, 25mA. **Power Requirements:** 120 Volts, 50/60Hz at 6.6 amps. **Power Guard.** Sentry Monitor. **Autoformers.** Has **HR085** hand remote.



MA 9500 - Sold from February 2022 - Current. S/N: AJQ1001~AJQ????

Size: 9-7/16"H, 17-1/2"W and 19-3/4"D. **Weight:** 101 lbs. **\$12,000.00**