

MA 12000

STEREO INTEGRATED AMPLIFIER

McIntosh
The Compendium



FRONT PANEL: Glass with LED/fiber-optic illuminated green nomenclature. Left **POWER OUTPUT** meter (LINEAR WATTS or DECIBELS). Tube window. 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. ⚡ 1/4" **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:** OPTICAL 1, OPTICAL 2, MCT, HDMI, 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: **Total Harmonic Distortion:** 0.03% maximum 20Hz to 20,000Hz. **Intermodulation Distortion:** 0.03% maximum for any combination of frequencies from 20Hz to 20,000Hz. **Frequency Response:** +0, - 0.5dB from 20-20,000Hz, +0,-3dB from 10-100,000Hz. **Output 1 and 2 (for rated input):** 1.7V unbalanced (8V Maximum); 3.4V balanced (8V Maximum). **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, 77dB below 3mV input; Phono MC, 75dB below 0.3mV input. **Input Impedance:** High Level - 22K ohms Unbalanced; 44k ohms Balanced; Phono MM - 50 to 400pF, in 50pF steps; 47K ohms; 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. **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 SPECIFICATIONS: Minimum sine wave continuous average power output per channel, with both channels operating is: 350 watts into 2, 4 or 8 ohm 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. **Dynamic headroom:** 1.5dB. **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:** 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, HDMI (ARC)-PCM, Dolby Digital, DTS. **Digital Input Sample Rates:** Coaxial and Optical: 44.1kHz to 192kHz, 24-Bit; MCT: PCM, SACD, 16-Bit, -24Bit - 44.1kHz to 192kHz; USB: PCM - 16Bit, 24Bit - 44.1kHz to 384kHz; DXD - DXD352.8kHz, DXD384kHz; DSD - DST64, DSD128, DSD256, DSD512; HDMI: PCM 24Bit, 44.1kHz - 192kHz; DTS; Dolby Digital. **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.

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.

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MA 12000 - Sold from October 2020 - Current. S/N: AKG1001~AKG????

Size: 9-7/16"H, 17-1/2"W and 22"D. **Weight:** 108 lbs. **\$14,000.00**