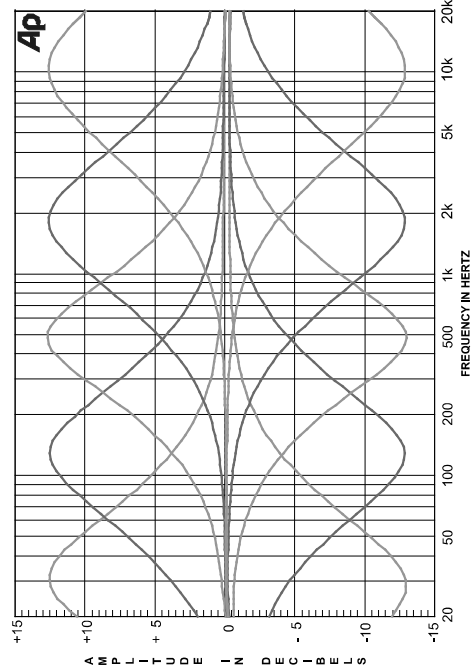


Preamplifier Specifications	
Frequency Response	+0, -0.5dB from 20Hz to 20,000Hz +0, -3dB from 10Hz to 100,000Hz
Preamplifier Output 1 and 2 (for rated input)	1.7V unbalanced (8V Maximum) 3.4V balanced (8V Maximum)
Preamplifier Output Impedance	220 ohms
Sensitivity (for rated output)	High Level - 300mV 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; 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	2.5Hz, 50Hz, 100Hz, 200Hz, 400Hz, 1,000Hz, 2,500Hz and 10,000Hz
Power Amplifier Specifications	
Power Output	Minimum Output Power Per Channel: 300W 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 20Hz to 20,000Hz +0, -3.0dB from 10Hz to 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
Power Control and Trigger Output	12VDC, 25mA

Digital Audio Specifications	
Digital Input Signal Format	Coaxial and Optical Inputs - SPDIF (PCM) MCT and USB Inputs - PCM, DSD

Digital Input Sample Rates	Optical: PCM - 16Bit, 24Bit - 44.1kHz to 192kHz Coaxial: 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 DXD - DXD352.8kHz, DXD384kHz DSD - DSD64, DSD128, DSD256, DSD512 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
Representative Equalizer	Boost/Cut Frequency Response



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General Specifications

Power Control and Trigger Output

12VDC, 25mA

Power Requirements

Field AC Voltage conversion of the MA9500 is not possible.

The MA9500 is factory configured for one of the following AC Voltages:

100 Volts, 50/60Hz at 8.0 amps

110 Volts, 50/60Hz at 6.6 amps

120 Volts, 50/60Hz at 6.6 amps

127 Volts, 50/60Hz at 6.6 Amps

220 Volts, 50/60Hz at 3.6 amps

230 Volts, 50/60Hz at 3.3 amps

240 Volts, 50/60Hz at 3.3 amps

Standby: Less than 0.25 watt

Note: Refer to the rear panel of the MA9500 for the correct voltage.

Overall Dimensions

Width is 17-1/2 inches (44.45cm)

Height is 9-7/16 inches (24.0cm) including feet

Depth is 19-3/4 inches (50.16cm) including the Front Panel and Knobs

Weight

101 pounds (45.8 kg) net, 134 pounds (60.8 kg) in shipping carton

Shipping Carton Dimensions

Width is 29-1/2 inches (74.93cm)

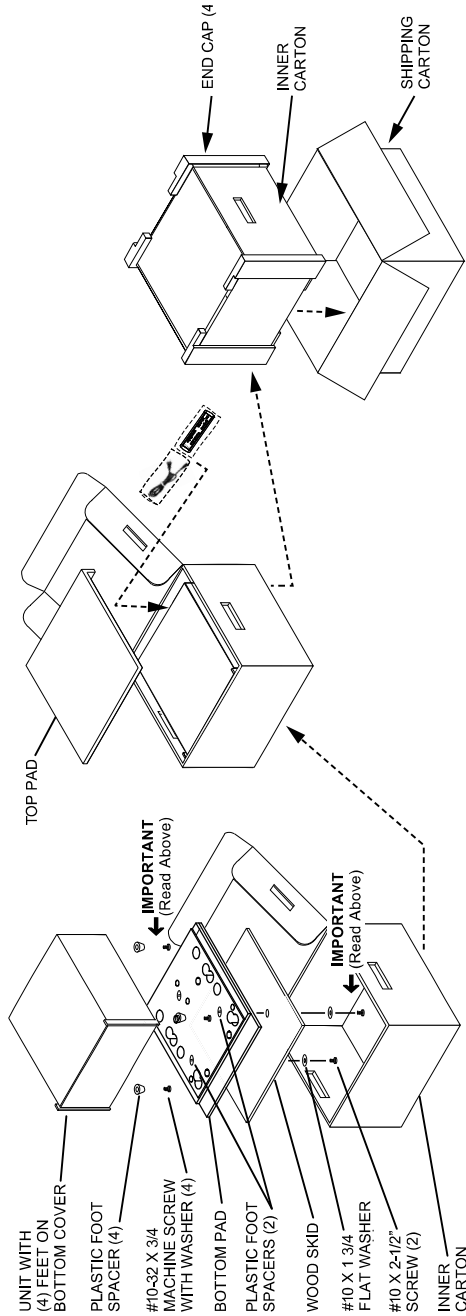
Depth is 29 inches (73.66cm)

Height is 17 inches (43.18cm)

Packing Instructions

In the event it is necessary to repack the equipment for shipment, the equipment must be packed exactly as shown below. It is very important that the four plastic feet are attached to the bottom of the equipment. Two 1/4-20 x 2-1/4 inch screws and washers must be used to fasten the unit securely to the bottom pad and wood skid. This will ensure the proper equipment location on the bottom pad. Failure to do this will result in shipping damage.

Use the original shipping carton and interior parts only if they are all in good serviceable condition. If a shipping carton or any of the interior part(s) are needed, please call or write Customer Service Department of McIntosh Laboratory. Refer to Page 3. Please see the Part List for the correct part numbers.



MA9500 Packing Material List

Quantity	Part Number	Description
1	034052	Shipping carton top
1	034051	Shipping carton bottom
2	034186	Front and rear foam pad
2	034187	Side foam pad
2	034054	Top and bottom foam pad
1	034136	Inner carton top
1	034137	Inner carton bottom
1	034188	Inner foam pad
1	034479	Shipping skid
4	401212	1/4-20 hex cap x 2-1/4 inch screw
2	104058	1/4 inch flat washer 1-1/2 inch
4	017937	Plastic foot
4	404080	#10 flat washer