PERFORMANCE SPECIFICATIONS

Audio Specifications
Output Level – 2.0Vrms
Output Impedance – 200 ohms
Audio Frequency Response – 2Hz to 22,000Hz ±1dB
Signal to Noise Ratio – 102dB (IHF A-Weighted)
Dynamic Range – 96dB
Harmonic Distortion – 0.01%
Channel Separation – 95dB (1,000Hz)

Video Specifications
Signal System – NTSC/PAL
Component Video Output Level
Y Output Level 1.0Vp-p (75 OHM)
P_{B}/C_{B} Output Level 0.648Vp-p (75 OHM)
P_{R}/C_{R} Output Level 0.7Vp-p (75 OHM)
S-Video Y Output Level – 1Vp-p (75 OHM)
S-Video C Output Level – 0.286Vp-p (75 OHM) (NTSC)
Composite Video Output Level – 1Vp-p (75 OHM)

General Specifications
Digital Output
Optical: -15dbm to -21dbm
Coaxial: 0.4V p-p to 0.6V p-p /75 ohm

Digital Signal Format – Sampling Frequency: 44.1kHz
Power Requirements
100 Volts, 50/60Hz at 60 watts
110 Volts, 50/60Hz at 60 watts
120 Volts, 50/60Hz at 60 watts
220 Volts, 50/60Hz at 60 watts
230 Volts, 50/60Hz at 60 watts
240 Volts, 50/60Hz at 60 watts
Note: Refer to the rear panel of the MS750 for the correct voltage.

Overall Dimensions
Width is 17-1/2 inches (44.45cm)
Height is 6 inches (15.24cm)
Depth is 15-7/8 inches (40.32cm)
Note: When the Disc Tray is opened, the panel clearance required in front of mounting panel is 6-3/4 inches (17.2cm).

Weight
28.1 pounds (12.8Kg) net, 44.5 pounds (20.2Kg) in shipping carton

Shipping Carton Dimensions
Width is 26-1/2 inches (67.3cm)
Depth is 24-1/4 inches (62.2cm)
Height is 11-3/4 inches (29.9cm)

Audio Specifications

CAUTION: Invisible Laser Radiation when open.
DO NOT stare into the beam or view directly with optical instruments. Use of controls or adjustments or performance of procedures other than those specified in the Owners Manual may result in Hazardous Radiation Exposure.

Servicing of laser mechanism is to be performed at the service facility at McIntosh Laboratory Inc.

NOTES
1. Unless otherwise noted, all voltages indicated on the schematics are measured under the following conditions:
   a. AC input at 120 volts, 50/60Hz.
   b. All voltages are +/-10% with respect to ground. A high impedance (10 megaohm) voltmeter must be used.
2. Unless otherwise specified:
   a. Resistor values are in ohms.
   b. Capacitor values are microfarads (uF).
   c. Inductor values are in microhenries (uH)
3. On PC board drawings, Square pad indicates:
   a. Polarized Capacitors - Positive
   b. Diodes - Cathode
   c. Others - Pin 1
4. WARNING
   Parts marked with the symbol have critical characteristics. Use only replacement parts recommended by the manufacturer.
5. Use McIntosh Remote Control Model HR063 with the MS750.

SAFETY INFORMATION

CLASS 1 LASER PRODUCT

COMPLIES WITH DHHS RULES
21 CFR 1040.10 AND 1040.11

This product incorporates an embedded CLASS 3B Laser (IEC60825-1)
REAR PANEL

SECTION LOCATIONS

TOP VIEW WITH COVER REMOVED
### Parts List

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>320243</td>
<td>MAIN PCB</td>
<td></td>
</tr>
<tr>
<td>750822</td>
<td>CHASSIS POWER SUPPLY PCB</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Diode Rectifier 1N4007</td>
<td>070178</td>
</tr>
<tr>
<td></td>
<td>Fuse T3 12AH250V PCB Mount</td>
<td>089144</td>
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<tr>
<td></td>
<td>Decal Fuse T3.15AH</td>
<td>166304</td>
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<tr>
<td></td>
<td>Power Supply Switch Mode 75W</td>
<td>320247</td>
</tr>
<tr>
<td>320256</td>
<td>SERIAL RS232 PCB</td>
<td></td>
</tr>
<tr>
<td>320245</td>
<td>AUDIO EXPANSION PCB</td>
<td></td>
</tr>
<tr>
<td>320255</td>
<td>SPDIF PCB</td>
<td></td>
</tr>
<tr>
<td>320252</td>
<td>S LINK PCB</td>
<td></td>
</tr>
<tr>
<td>320244</td>
<td>CD ROM PCB</td>
<td></td>
</tr>
<tr>
<td>320242</td>
<td>HARD DRIVE</td>
<td></td>
</tr>
<tr>
<td>750621</td>
<td>FRONT PANEL PCB</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** Modules not available as replacement parts. If defect is suspected in these modules, contact factory for service options.
NOTES
In the event it is necessary to repack the unit for shipment, the unit must be packed exactly as shown below.

**IMPORTANT** - The four plastic feet must be attached to the bottom of the unit so they will locate in the four holes of the bottom pad. Failure to do this will result in shipping damage.

If a shipping carton or any of the interior parts is needed, please call or write the Customer Service Department of McIntosh Laboratory. Order parts from the accompanying list by part number.

Use the original shipping carton and interior parts only if they are in good serviceable condition.

<table>
<thead>
<tr>
<th>Qty</th>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>033836</td>
<td>Inside carton only</td>
</tr>
<tr>
<td>1</td>
<td>033837</td>
<td>Foam end cap</td>
</tr>
<tr>
<td>4</td>
<td>033838</td>
<td>Shipping carton only</td>
</tr>
<tr>
<td>1</td>
<td>033725</td>
<td>Top pad</td>
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<tr>
<td>1</td>
<td>034301</td>
<td>Bottom pad</td>
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<tr>
<td>4</td>
<td>017937</td>
<td>Plastic foot</td>
</tr>
<tr>
<td>4</td>
<td>400159</td>
<td>#10-32 x 3/4&quot; Machine screw</td>
</tr>
<tr>
<td>4</td>
<td>404080</td>
<td>#10 x 7/16&quot; Flat washer</td>
</tr>
</tbody>
</table>
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