

## MATCO Server Configuration Choices

November 2009

Server Series Base	
<b>MA-1000</b>	2 RU Base System includes 1TB of Removable Storage without Channels
<b>MA-1600</b>	3 RU Base System without Channels or Media Storage
<b>MA-3800</b>	4 RU Base System without Channels or Media Storage
Input Channel Configuration Options	
<b>IP1</b>	<ul style="list-style-type: none"> <li>MPEG2/MPEG4 Composite, YUV In</li> <li>4 Balanced Audio inputs (dual stereo)</li> <li>TC input, Encodes 4:2:0 to 15 Mbits</li> </ul>
<b>IP2</b>	<ul style="list-style-type: none"> <li>MPEG2/MPEG4 Composite, YUV, and SDI In (SMPTE 259M), 4 Balanced Audio inputs (dual stereo) plus 8 channel embedded audio in SDI stream (SMPTE 272M)</li> <li>AES/EBU digital audio</li> <li>DVB/ASI Output</li> <li>TC input</li> <li>Encodes 4:2:0 to 15 Mbits</li> </ul>
<b>IP3</b>	<ul style="list-style-type: none"> <li>MPEG2 Composite and Svideo In</li> <li>Unbalanced Stereo Audio In.</li> <li>Includes Preview Channel.</li> <li>Encodes 4:2:0 to 15Mbits.</li> </ul>
<b>IP4</b>	<ul style="list-style-type: none"> <li>HD Encoding (details available upon request)</li> </ul>
Output Channel Configuration Options	
<b>OP1</b>	<ul style="list-style-type: none"> <li>Composite and RGB/YUV</li> <li>Audio- 2 Balanced and 2 Unbalanced outputs</li> <li>Decodes MPEG2 4:2:0/4:2:2 to 50 Mbits.</li> </ul>
<b>OP2</b>	<ul style="list-style-type: none"> <li>Composite, RGB/YUV, SDI with 8 embedded Audio Channels (SMPTE 259M-C)</li> <li>2 AES3 Digital Audio Outputs</li> <li>4 Balanced and 4 Unbalanced outputs</li> <li>Decodes MPEG2 4:2:0/4:2:2 to 50 Mbits.</li> </ul>
<b>OP3</b>	<ul style="list-style-type: none"> <li>HD Mpeg2 Decoder</li> <li>Digital Video Outputs: SMPTE 292M Digital Video with embedded Audio. DVI (Digital Video Interface) output</li> <li>Digital Audio Outputs: 6AES3 outputs 75 ohm unbalanced on DB 15 Connector</li> <li>Analog Video Outputs: SMPTE 253M 274M, RGB or YpbPr (sync on Y/all).</li> <li>Analog Audio Outputs: One unbalanced audio pair.</li> <li>Decodes MPEG2 Elementary, PES, Transport and Program streams to 80 Mbits. MPEG1 System Streams.</li> </ul>
<b>OP4</b>	<ul style="list-style-type: none"> <li>Four Mpeg Decoders on a Single Card</li> <li>Composite Video Out, NTSC/PAL</li> <li>Unbalanced Stereo Audio outputs</li> <li>External Video Sync Lock</li> <li>Decodes NTSC to 15Mbits</li> <li>Up to 4 cards may exist in a single chassis for 16 Playback Channels</li> </ul>
Input/Output Channel Configuration Option	
<b>IPOP1</b>	<ul style="list-style-type: none"> <li>MPEG2 Composite and Svideo In/Out</li> <li>Unbalanced Stereo Audio In/Out</li> <li>Encodes 4:2:0 to 15Mbits</li> <li>Decodes MPEG2 to 15 Mbits</li> </ul>
Storage Drive Options	
RAID rated Media Drive Sizes offered are 500GB, 750GB or 1TB	

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