HIGHlite 660 WUXGA

8,000 ANSI Lumens | Contrast Ratio: 2,000:1 | Part No:111-898

**Colours System:**

3-chip DLP®

**DMD Specification:**

1920 x 1200 pixels native.
Fast transit pixels for smooth greyscale and improved contrast.

**Display Type:**

3 x 0.67” DarkChip™ DMD™

**Aspect Ratio:**

16x10

**Fill Factor**

87%

**Key Features**

**Video & Graphics Processing**

- High Bandwidth Digital & Analogue Receiver with 10 Bit A-D.
- The projector automatically detects interlaced video and implements 3:2 or 2:2 extraction as appropriate, with pixel based, motion adaptive interpolation and auto cadence correction.
- Displayed image frame locked to input with as low as 1 frame total latency.
- 24p and 1080p native display.
- Image enhancement for MPEG, Mosquito noise & Colour Transients in composite sources.

**Geometry Correction**

- Cornerstone, Vertical & Horizontal Keystone, Pincushion & Barrel, and Image Rotation.
- Non-Linear Warp adjustment by moving points on an interpolated grid.

**Edge Blending**

- Semi-automated Multi Projector Tiling
- Correction for non-active pixels at the edge of the display.

**Super Image Clarity**

- Geometry correction and Edge Blending implemented in single stage process, retaining maximum image resolution.

**Picture in Picture**

- Two sources can be displayed either one within the other (PIP), or side by side, with original aspect ratios maintained.

**ColorMax™**

- Accurate matching of projectors in tiled or blended applications.
- User Selection and storage of Primary and Secondary colour targets.
**Source Compatibility:**
3GSDI is SMPTE 292M, SMPTE 259M-C and SMPTE 424M compliant. HDMI and DVI include Deep Color™ processing up to 36 bit. DVI inputs are HDMI compatible. Digital Audio Extraction via SPDIF for HDMI sources. Graphics standards up to 1920 x 1200 at 60Hz via DVI or VGA. Component Video (SD & HD) via YPrPb, RGB or RGBS. S-Video (PAL, NTSC & SECAM). Composite Video (PAL, NTSC & SECAM).

**Inputs/Outputs**

<table>
<thead>
<tr>
<th>Type &amp; Computer</th>
<th>Connector</th>
<th>Qty</th>
<th>Communication &amp; Control</th>
<th>Type</th>
<th>Connector</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVI-D / DVI-A</td>
<td>DVI-I</td>
<td>1</td>
<td>3D Sync Out</td>
<td>BNC</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>HDMI 1.3</td>
<td>HDMI</td>
<td>1</td>
<td>3D Sync In</td>
<td>BNC</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>3G-SDI</td>
<td>BNC</td>
<td>1</td>
<td>LAN</td>
<td>RJ45</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>VGA / Analog RGB</td>
<td>15-pin D-Sub</td>
<td>1</td>
<td>RS232</td>
<td>9-pin D Sub</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Component Video</td>
<td>4 x BNC</td>
<td>1</td>
<td>Wired Remote In</td>
<td>3.5mm Stereo Jack</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>S-Video</td>
<td>4-pin Mini DIN</td>
<td>1</td>
<td>Wired Remote Out</td>
<td>3.5mm Stereo Jack</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Composite Video</td>
<td>RCA</td>
<td>1</td>
<td>Service Port</td>
<td>USB Type B</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Composite Video</td>
<td>BNC</td>
<td>1</td>
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</tbody>
</table>

**Audio**
SPDIF Digital Output | RCA | 1 |

**3D Formats Supported**
Not applicable

**Computer Compatibility**
Up to 1920 x 1200

170 MHz on analog RGB
165 Megapixels per second on HDMI and DVI

**Remote Control**
Addressable IR remote control, wireless and wired with loop-through.
On-Board keypad

**Colour Temperature**
User selectable from 3200 to 9000K

2 x 330W High Intensity Discharge

Full Power: 1500 hours (up to 3000 hours in lamp sequential mode)
Eco Mode : 2000 hours (up to 4000 hours in lamp sequential mode)

**Lenses**

<table>
<thead>
<tr>
<th>Lens</th>
<th>Part No.</th>
<th>Focus Range</th>
<th>Lens Shift</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.77 : 1 fixed HB</td>
<td>110-808</td>
<td>1.3m - 2.5m</td>
<td>Vert: 0.2 (U) 0.2 (D) frame, Hor: 0.05 (L) 0.05 (R) frame</td>
</tr>
<tr>
<td>1.16 : 1 fixed HB</td>
<td>110-809</td>
<td>1.4m - 6.2m</td>
<td>Vert: 0.2 (U) 0.2 (D) frame, Hor: 0.05 (L) 0.05 (R) frame</td>
</tr>
<tr>
<td>1.45 - 1.74 : 1 zoom HB</td>
<td>110-803</td>
<td>1.8m - 9.3m</td>
<td>Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.15 (L) 0.15 (R) frame</td>
</tr>
<tr>
<td>1.74 - 2.17 : 1 zoom HB</td>
<td>112-878</td>
<td>2.2m - 11.8m</td>
<td>Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.15 (L) 0.15 (R) frame</td>
</tr>
<tr>
<td>2.17 - 2.90 : 1 zoom HB</td>
<td>113-852</td>
<td>2.7m - 15.4m</td>
<td>Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.15 (L) 0.15 (R) frame</td>
</tr>
<tr>
<td>2.90 - 4.34 : 1 zoom HB</td>
<td>110-806</td>
<td>3.6m - 22.5m</td>
<td>Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.15 (L) 0.15 (R) frame</td>
</tr>
<tr>
<td>4.34 - 6.76 : 1 zoom HB</td>
<td>110-807</td>
<td>5.5m - 35m</td>
<td>Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.15 (L) 0.15 (R) frame</td>
</tr>
</tbody>
</table>

**Lenses Mount**
Motorised shift, zoom and focus.

**Mechanical Mounting**
Front/Rear Table
Front/Rear Ceiling
Adjustable Front/Rear Feet
Optional RapidRig™ frame with integrated pitch, roll and yaw adjustments.

**Orientation**
Table Top or Inverted: Yes
Pointing Up: Yes
Pointing Down: Yes
Roll (Portrait): Yes
### Power Requirements
- 90 - 240VAC 50/60Hz single phase
- 840W

### Power Consumption
- 840W

### Thermal Dissipation
- 2866 BTU/Hour

### Fan Noise
- 39dBA

### Operating/Storage Temperature
- Operating: 0 to 40C (32 to 104F)
- Storage: -20 to 60C (-4 to 140F)

### Operating Humidity
- 20% to 90% non-condensing

### Weight (Chassis Only)
- 27 kg
- 60 lb

### Dimensions
- L: 66.5 cm W: 50 cm H: 22 cm
- L: 26.2 in W: 19.7 in H: 8.7 in

### Safety & EMC Regulations
- CE, FCC Class A & B, UL, CCC, KC

*Dimensions included for reference only and are subject to change. Please download the full set of CAD files for this display for more accurate information.*

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### Downloads
- [PDF CAD Drawings](#)
- [AUTOCAD Drawings](#)
- [User Guides](#)
- [Important Information](#)

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