Hitachi expands solid state projector line with a 7,000 ANSI lumens, 1-chip DLP model delivering larger-than-life performance.

Hitachi’s solid state light source projector line now includes the laser light source model LP-WU6700 with 7,000 ANSI lumens. The new laser diode light source offers approximately 20,000 hours of operation time and is maintenance free, there is no lamp or filter to replace providing a dramatic reduction in total cost of ownership. It can provide 24/7 use for digital signage applications and is a perfect choice for large auditoriums, conference rooms, museums, and concert or stage productions. Plus, 7,000 ANSI lumens brightness and 20,000 : 1 contrast ratio results in a super bright display with outstanding image clarity and uniformity.

Always on the cutting-edge of technology, Hitachi’s LP-WU6700 is an HDBaseT™ enabled projector which delivers whole-home and commercial distribution of uncompressed HD multimedia content over a single CAT5e/6 cable. HDBaseT is unique in its ability to provide professional installers with a much simpler and more cost-effective way to transmit uncompressed HD video up to 328 ft. No matter how large the application environment, the LP-WU6700 delivers larger-than-life performance. For added peace of mind, Hitachi’s LP-WU6700 is also backed by a generous warranty and our world-class service and support programs. The LP-WU6700 is eligible for the Hitachi OneVision program for higher education.
LP-WU6700 DLP Laser Projector

UNIQUE FEATURES

Long Life 20,000 Hours* Laser Light Source
Light source combines blue laser diodes and phosphor which can achieve 7,000 lumens. The projection image is bright and clear, with vivid color. Since lamp exchange is unnecessary, maintenance cost is reduced. No need anymore to worry about lamp life, making it a perfect choice for digital signage applications that require long hours of continuous projection. Plus, by not using mercury lamps, the projectors are eco-friendly. With an approximate light source of 20,000 hours, the laser projector series is suitable for other venues such as museums and restaurants.

* For laser light source not a guaranteed value.

DICOM® Simulation Mode
Images in DICOM (Digital Imaging and Communications in Medicine) Mode are reproduced with an advanced grayscale level. This mode is ideal for viewing grayscale medical images such as X-rays, and for training and educational purposes. These projectors are not approved medical devices. They should not be used for actual medical diagnosis.

Dust Resistant Sealed Engine
The air tight structure of the optical engine makes it possible to minimize dust particles entering which could eventually lead to a decrease in brightness. This construction gives the projector resistance to the effects of dust and enables the projector to be used in a wide variety of environments.

Lens Shift
Lens shift can adjust the position of image on the screen by turning the adjusters manually. This adjustment is useful to fit the image to the position without causing keystone distortion.

Maintenance Free Operation
Approximately 20,000 hours of maintenance free operation. There is no need to replace a lamp or air filter, providing a dramatic reduction in the total cost of ownership and time spent changing bulbs.

MHL™
MHL (Mobile High-Definition) allows users to mirror their phone/tablet screen with the projector display. It is compatible with any and all apps.

Interchangeable Lens Options
Lenses are available to match various screen sizes.

<table>
<thead>
<tr>
<th>Lens Type</th>
<th>Short Throw</th>
<th>Semi Short Throw</th>
<th>Semi Standard</th>
<th>Standard</th>
<th>Long Throw</th>
<th>Super Long Throw</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zoom Ratio</td>
<td>1.42</td>
<td>1.18</td>
<td>1.28</td>
<td>1.25</td>
<td>1.5</td>
<td>1.6</td>
</tr>
<tr>
<td>Throw Ratio</td>
<td>.77 -.11</td>
<td>1.1 - 1.3</td>
<td>1.25 - 1.6</td>
<td>1.54 - 1.93</td>
<td>1.93 - 2.9</td>
<td>3.0 - 5.0</td>
</tr>
<tr>
<td>Projection Distance (for 100” screen)**</td>
<td>65” - 93”</td>
<td>94” - 111”</td>
<td>105” - 136”</td>
<td>131” - 164”</td>
<td>161” - 243”</td>
<td>254” - 424”</td>
</tr>
<tr>
<td>(1.66-2.37m)</td>
<td>(2.36-2.8m)</td>
<td>(2.69-3.45m)</td>
<td>(3.32-4.16m)</td>
<td>(4.16 - 6.25m)</td>
<td>(4.64 - 10.77m)</td>
<td></td>
</tr>
<tr>
<td>Screen Size (diagonal)</td>
<td>42”-300”</td>
<td>35.8”-379.8”</td>
<td>39.1”-300”</td>
<td>36.1”-211”</td>
<td>32.1”-481.1”</td>
<td>27.8”-309.5”</td>
</tr>
<tr>
<td>Weight</td>
<td>3.19 lbs (1.45 kg)</td>
<td>2.73 lbs (1.24 kg)</td>
<td>2.86 lbs (1.3 kg)</td>
<td>.88 lbs (0.40 kg)</td>
<td>.99 lbs (0.45 kg)</td>
<td>1.89 lbs (0.86 kg)</td>
</tr>
<tr>
<td>Vertical Lens Shift ***</td>
<td>-15%/+55%</td>
<td>-15%/+55%</td>
<td>-15%/+55%</td>
<td>-15%/+55%</td>
<td>-15%/+55%</td>
<td>-15%/+55%</td>
</tr>
<tr>
<td>Horizontal Lens Shift</td>
<td>+/-5%</td>
<td>+/-5%</td>
<td>+/-5%</td>
<td>+/-5%</td>
<td>+/-5%</td>
<td>+/-5%</td>
</tr>
</tbody>
</table>

** Screen to projector’s screen-side surface.
*** Upside down at ceiling mount position. +/- means that the screen shifts downward.

** Screen to projector’s screen-side surface.
*** Upside down at ceiling mount position. +/- means that the screen shifts downward.

Hitachi America, Ltd.
Toll Free: 1.800.HITACHI • Email: dmd.info@hal.hitachi.com
Web: hitachi-america.us/projectors
New technology for high brightness and reliability with a lower cost of ownership.

Hitachi’s LP-WU6700 laser projector is truly a technology achievement with premier performance for demanding application environments including large auditoriums, conference rooms, museums and concert or stage productions. It can also provide 24/7 use for digital signage applications. An array of new technology features includes Phosphor Wheel, Dust Resistant Sealed Engine, and a more efficient cooling system. Combining 7,000 ANSI lumens with WUXGA 1920 x 1200 resolution, the 1-chip DLP laser light source projector will deliver dynamic images guaranteed to dazzle any audience. All this combined with state-of-the-art connectivity features elevates the LP-WU6700 to the forefront in projector performance, reliability and overall quality. The LP-WU6700 greatly enhances the overall viewing experience, adding an entirely new dimension and level of excitement. Hitachi is the brand name synonymous with advanced projector technology and innovation, and the LP-WU6700 lives up to that reputation.

LP-WU6700 DLP Laser Projector

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LP-WU6700

Input/Outputs

1. Monitor Out
2. RJ45
3. USB
4. Computer In
5. 3D Sync Out & In
6. HDBaseT
7. DVI-D
8. Video
9. Service
10. HDMI 1
11. HDMI 2/MHL
12. RS-232C In & Out
13. Menu Controls
14. Power
15. Trigger
16. Wired Remote In & Out
17. Audio In
18. Audio In & Out L/R
19. V-Sync
20. H-Sync
21. B/Pb
22. G/Y
23. R/Y
24. AC In
**Accessories and Lenses**

**Supplied Accessories**
- Remote control, power cord, AA batteries x 2, user’s manual cd, user’s manual, RGB cable, wire remote cable, 3D sync cable x 2, mount cap, EAC document

**Optional Lenses**

**Replacement Parts**
- Remote Control: HL03171

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**Specifications**

**Projection Technology**
- Single Chip DLP

**Resolution**
- WXGA 1920 x 1200

**Brightness**
- 7,000 ANSI lumens

**Colors**
- 1.07 billion colors

**Aspect Ratio**
- Native 16:10 and 4:3 / 16:9 compatible

**Contrast Ratio**
- 20,000 : 1 (Dynamic black on)

**Throw Ratio**
- Specifications will vary depending on which lens is used with the projector

**Focus Distance**
- 59” - 275” (with SD-63 lens)

**Display Size**
- 36” - 211” (with SD-63 lens)

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**Display**

**Lens**
- Specifications will vary depending on which lens is used with the projector

**Expected Light Source Life**
- Approximately 20,000 hours

**Speaker Output**
- 12W

**Keystone**
- H: +/-25° and V: +/-30°

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**Operation**

**Compatibility**
- Computer: VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, WSXGA+, UXGA, WUXGA, MAC16"
- H-Sync: 15 kHz - 91 kHz
- V-Sync: 24 Hz - 85 Hz
- Composite Video: NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
- Component Video: 480i, 480p, 576i, 720p, 1080i, 1080p
- HDMI: 480p, 720p, 1080i, 1080p, Computer signal TMDS clock 27 MHz - 162 MHz

**Connectors**

**Digital Input**
- HDBaseT x 1, HDMI x 1, HDMI/MHL x 1, DVI-D x 1
- DVI-D: DVI-D connector x 1

**Computer Input 1**
- 15-pin mini D-sub x 1 (shared with analog component video input)

**Computer Input 2**
- 5 BNC connector x 1 (shared with component video input)

**Computer Monitor Output**
- 15-pin mini D-sub x 1

**Video Input**

- **Composite Video**
  - RJ-45 jack x 1

- **Component Video**
  - 5 BNC x 1 (shared with analog computer input), 15-pin mini D-sub x 1 (shared with analog computer input)

**Audio Input**
- 3.5mm stereo mini jack x 1, RCA jack (L/R) x 1

**Audio Output**
- RCA jack (L/R) x 1

**Network LAN Wired**
- RJ-45 jack x 1

**Wired Remote**
- 3.5 mm Stereo mini jack x 1 (In and Out)

**HDBaseT**
- RJ-45 jack x 1

**Control Terminals**
- 9-pin D-sub x 1 for RS-232 control in (Serial, Cross)
- 9-pin D-sub x 1 for RS-232 control out (Serial, Cross)
- HDBaseT

**Trigger**
- 3.5 mm stereo mini jack

**3D Sync**
- VESA 3-pin x 1 (In and Out)

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**Power Supply**
- AC100-130V / AC200-240V, 50/60Hz

**Power Consumption**
- 850W

**Operating Temperature**
- 32°F - 95°F (0°C-35°C) Normal mode
- 32°F - 104° (0°C-40°C) Eco mode

**Dimensions (W x D x H)**
- 18.5” x 20.5” x 8.7”

**Weight**
- Approximately 54.5 lbs.

**Ratings & Warranty**

**Extended Service Contract available (additional cost)**

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All specifications subject to change without notice.

**LP-WU6700 DLP Laser Projector**

Preliminary