ZH606e
High brightness professional laser projector

- Bright Full HD 1080p laser projector - 6,300 lumens
- 30,000 hours maintenance-free laser light source at full brightness
- 4K and HDR compatible

The ZH606e is the smallest projector in its class. At 6,300 lumens along with 4K and HDR compatibility, the ZH606e is a low maintenance projector with extremely long-life laser technology. It also includes vertical lens shift and built-in 10W speakers.

Suitable for a wide variety of applications, this unit is perfect for anywhere that requires a clean, bright image including large venues, classrooms, lecture theatres, museums and houses of worship.

The added control flexibility of LAN make this projector an affordable fit and forget solution.
### Specifications

<table>
<thead>
<tr>
<th>Display/image</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Display technology</td>
<td>DLP</td>
</tr>
<tr>
<td>Resolution</td>
<td>1080p Full HD (1920x1080)</td>
</tr>
<tr>
<td>Brightness</td>
<td>6,300 lumens</td>
</tr>
<tr>
<td>Contrast ratio</td>
<td>3000:1</td>
</tr>
<tr>
<td>Native aspect ratio</td>
<td>16:9</td>
</tr>
<tr>
<td>Aspect ratio - compatible</td>
<td>4:3</td>
</tr>
<tr>
<td>Keystone correction - horizontal</td>
<td>+/- 30°</td>
</tr>
<tr>
<td>Keystone correction - vertical</td>
<td>+/- 30°</td>
</tr>
<tr>
<td>Has auto keystone correction</td>
<td>Yes</td>
</tr>
<tr>
<td>Displayable colours (millions)</td>
<td>1073.4</td>
</tr>
<tr>
<td>Horizontal scan rate</td>
<td>15.375~91.146 KHz</td>
</tr>
<tr>
<td>Vertical scan rate</td>
<td>24~85 Hz (120Hz for 3D)</td>
</tr>
<tr>
<td>Uniformity</td>
<td>85%</td>
</tr>
<tr>
<td>Screen size</td>
<td>0.78m ~ 7.65m (30.6” ~ 301.1”) diagonal</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lamp Info</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Light source type</td>
<td>Laser</td>
</tr>
<tr>
<td>LASER life</td>
<td>30,000 hours</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Optical</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Throw ratio</td>
<td>1:2.1 ~ 1:3.2:1</td>
</tr>
<tr>
<td>Projection distance (m)</td>
<td>1.3m ~ 8m</td>
</tr>
<tr>
<td>Zoom</td>
<td>1.6</td>
</tr>
<tr>
<td>Zoom type</td>
<td>Manual</td>
</tr>
<tr>
<td>Focal length (mm)</td>
<td>17.63~27.3mm</td>
</tr>
<tr>
<td>Lens shift - vertical</td>
<td>-106% ~ 127%, Horizontal: +/- 0%</td>
</tr>
<tr>
<td>Native offset</td>
<td>106%</td>
</tr>
<tr>
<td>Lens shift</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Connectivity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Inputs</td>
<td>1 x HDMI 1.4a 3D support, 1 x HDMI 2.0, 2 x VGA, 1 x Composite video, 1 x Mic 3.5mm, 1 x Audio 3.5mm</td>
</tr>
<tr>
<td>Outputs</td>
<td>1 x VGA, 1 x USB A:Power 1.5A, 1 x Audio 3.5mm</td>
</tr>
<tr>
<td>Control</td>
<td>1 x RS232, 1 x 12V trigger, 1 x RJ45</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>General</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Noise level (typical)</td>
<td>32dB</td>
</tr>
<tr>
<td>Noise level (max)</td>
<td>34dB</td>
</tr>
<tr>
<td>PC compatibility</td>
<td>U-HD, H-UHD, WUXGA, SXGA, WXGA, XGA, HD, SVGA, VGA, Mac</td>
</tr>
<tr>
<td>2D compatibility</td>
<td>NTSC-MJ, 3.58MHz-PAL, 4.43MHz-PAL, B/G/D/K/K1, L, 4.264MHz-480i(P), 576i(P), 720p(P)/60hz, 1080i(P)/50(60)hz, 1080p(P)/50(60)hz, 2160p(P)/50(60)hz, 2160p(P)/24(50/60)hz</td>
</tr>
<tr>
<td>3D compatibility</td>
<td>Side-by-side: 1080i(50/60), 720p(50/60), Frame-pack: 1080p(P), 720p(P)/60Ove Under: 1080p(P), 720p(P)/60</td>
</tr>
<tr>
<td>3D</td>
<td>Full 3D</td>
</tr>
<tr>
<td>Security</td>
<td>Security bar, Kensington Lock, Password protected Interface</td>
</tr>
<tr>
<td>IP rating</td>
<td>IP6x</td>
</tr>
<tr>
<td>OSD / display languages</td>
<td>26 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese</td>
</tr>
<tr>
<td>24/7 operation</td>
<td>Yes</td>
</tr>
<tr>
<td>Operating conditions</td>
<td>Sea level to 10,000 feet (@23°C) manual switch to high altitude mode @5000 feet &amp; above</td>
</tr>
<tr>
<td>Remote control</td>
<td>Backlit ProAV remote</td>
</tr>
<tr>
<td>Heat dissipation</td>
<td>1,589.11BTU/hour</td>
</tr>
<tr>
<td>Speaker count</td>
<td>2</td>
</tr>
<tr>
<td>Watts per speaker</td>
<td>10W</td>
</tr>
<tr>
<td>In the box</td>
<td>AC power cord, Remote control, 2x AAA batteries, Basic user manual</td>
</tr>
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<table>
<thead>
<tr>
<th>Optional wireless models</th>
<th></th>
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<tbody>
<tr>
<td>HDCast Pro, QuickCast Bundle, QuickCast starter kit</td>
<td></td>
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<tr>
<th>Networking</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LAN - control</td>
<td>Yes</td>
</tr>
<tr>
<td>LAN - wireless networking</td>
<td>No</td>
</tr>
<tr>
<td>LAN</td>
<td>Yes</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Power</th>
<th></th>
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<tbody>
<tr>
<td>Power supply</td>
<td>100V ~ 240V ± 10%, 50-60Hz</td>
</tr>
<tr>
<td>Power consumption (standby)</td>
<td>&lt;0.5W</td>
</tr>
<tr>
<td>Power consumption (min)</td>
<td>20W</td>
</tr>
<tr>
<td>Power consumption (max)</td>
<td>466W</td>
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<table>
<thead>
<tr>
<th>Weight and dimensions</th>
<th></th>
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<tbody>
<tr>
<td>Net weight</td>
<td>5.6kg</td>
</tr>
<tr>
<td>Dimensions (W x D x H)</td>
<td>374 x 302 x 117mm</td>
</tr>
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