High Brightness, Vivid Color and Extended Throw Distance

**Outstanding Features**

- High Brightness & High Contrast Portable Projector
  - 400X: Brightness 5500 lm, Contrast Ratio 12500:1*1
  - 401W: Brightness 4600 lm, Contrast Ratio 10000:1*1
  - 402U: Brightness 4700 lm, Contrast Ratio 10000:1*1
- Equipped Long Life Lamp (Normal: 3000 hrs, Eco: 4000 hrs)
- Compact Design
- Versatile Digital Input Terminal (Displayport x 1, HDMI x 2)
- x1.5 Zoom Lens
- High Reliability 24/7 Operability*2
- 3D Function
- Easy Maintenance of Top-accessed Lamp & Filter Free
- Auto Setup Function
- LAN Network
- Built-in 3-Watt Audio Speaker
- Closed Caption
- WUXGA - VGA Compatible
- Compatible with Crestron Room View®*3 and AMX Device Discovery System

**Advanced Zoom Lens**

- **Throw Ratio**
  - 400X: 1.43 - 2.14:1
  - 401W: 1.45 - 2.17:1
  - 402U: 1.39 - 2.09:1

**High Color Reproduction**

Original EIKI color setting provides high color performance.

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*1.Dynamic Eco mode enabled
*2.It is vital that the system is regularly maintained.
*3.The Crestron logo is registered trademarks of Crestron Electrics, Inc.
**Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>EK-400X</th>
<th>EK-401W</th>
<th>EK-402U</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMD Size</td>
<td>0.7&quot; 1chip DMD</td>
<td>0.65&quot; 1chip DMD</td>
<td>0.67&quot; 1chip DMD</td>
</tr>
<tr>
<td>Brightness (ANSI)</td>
<td>5,500 Lumens</td>
<td>4,600 Lumens</td>
<td>4,700 Lumens</td>
</tr>
<tr>
<td>Illumination Uniformity</td>
<td>80%</td>
<td>80%</td>
<td>80%</td>
</tr>
<tr>
<td>Contrast Ratio (White : Black)</td>
<td>12,500 : 1 (Dynamic Eco mode)</td>
<td>10,000 : 1 (Dynamic Eco mode)</td>
<td>10,000 : 1 (Dynamic Eco mode)</td>
</tr>
<tr>
<td>Estimated Lamp Life (Eco/Normal)</td>
<td>4,000 / 3,000 hours</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resolution</td>
<td>1,024 x 768</td>
<td>1,280 x 800</td>
<td>1,920 x 1,200</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>4 : 3</td>
<td>16 : 10</td>
<td>16 : 10</td>
</tr>
<tr>
<td>Lens</td>
<td>F = 2.42 - 2.97, f = 20.9 - 31.05 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zoom</td>
<td>Manual x1.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up / Down Ratio</td>
<td>9 : 1</td>
<td>15 : 1</td>
<td>20 : 1</td>
</tr>
<tr>
<td>Image Diagonal</td>
<td>30&quot; - 300&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Image Width</td>
<td>0.6 - 6.1 m</td>
<td>0.7 - 6.5 m</td>
<td>0.7 - 6.5 m</td>
</tr>
<tr>
<td>Throw Distance (W - T)</td>
<td>2.0 - 10 m</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Throw Ratio</td>
<td>1.43 - 2.14 : 1</td>
<td>1.45 - 2.17 : 1</td>
<td>1.39 - 2.06 : 1</td>
</tr>
<tr>
<td>Projector Elevation Adjustment</td>
<td>Up to 10 degrees</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vertical Keystone Correction</td>
<td>Max. ± 40 degrees</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scanning Frequency</td>
<td>Auto : H Sync. 15 kHz, 31 - 102 kHz, V Sync. 24 - 30 Hz, 47 - 120 Hz</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dot Clock</td>
<td>150 MHz</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Image Orientation</td>
<td>Normal, Rear, Ceiling, Rear + Ceiling</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer : Compatibility</td>
<td>WXGA - VGA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Video : Compatibility</td>
<td>480 i/p, 576 i/p, 720p, 1080 i/p</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Input Terminal**
- Digital: Displayport x 1, HDMI x 2
- VGA: D-sub15 x 2 (Share with Component)
- S-Video: Min Din-4 x 1
- PC Audio: Analog 3.5 mm Mini-Stereo Jack x 1
- AV Audio: Analog 2 RCA (L/R) x 1

**Output Terminal**
- VGA: D-Sub 15 x 1 (only from VGA1)
- Audio: Analog 3.5 mm Mini-Stereo Jack x 1

**Control Terminal**
- RS232: D-sub 9 x 1
- Screen Trigger: DC Jack x 1 (DC 12V 200mA output)
- 3D Sync: 3D IR glasses transmitter x 1

**Network (LAN) Terminal**
- RJ45 x 1

**Standard Accessories**
- Owner’s Manual (CD-ROM), Quick Start Guide, AC Power Cord, VGA Cable (D-sub15), Remote Control (with AAA batteries x 2)

Specifications subject to change without notice.

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