**Features**

- Native WXGA (1280x800) Resolution
- 3,000 ANSI Lumens; 13,000:1 Contrast Ratio
- MHL-Enabled HDMI Port
- Up to 10,000 Hours Long Lamp Life
- SmartEco™ Power Saving Technology
- 3D PC & Blu-Ray Ready

**Input and Output Terminals**

1. RS232 (DB-9pin)
2. LAN (RJ45)
3. USB (Mini-B)
4. HDMI/MHL
5. Monitor Out (D-sub 15pin)
6. Computer 1/2 (D-sub 15pin)
7. S-Video (Mini DIN 4-pin)
8. Composite Video In
9. Audio L/R In (RCA)
10. Audio In 1&2 (Mini Jack)
11. Audio Out (Mini Jack)

**Specifications**

**Projection System**
- DLP®

**Native Resolution**
- WXGA (1280x800)

**Brightness**
- 3,000 ANSI lumens

**Contrast Ratio**
- 13,000:1

**Display Color**
- 1.07 Billion Colors

**Lens**
- F=2.8 F=7.51 mm

**Aspect Ratio**
- Native 16:10 (5 aspect ratio selectable)

**Throw Ratio**
- 0.49 (87" @ 31m)

**Image Size Diagonal**
- Optimization 71"~152", Maximum 300"

**Zoom Ratio**
- Fixed

**Lamp Type**
- 210W

**Lamp (Normal/Economic/SmartEco/LampSave/LumenCare Mode)**
- 4000/5000/6500/10000/21000 hours constant brightness

**Keystone Adjustment**
- 1D, Vertical +/- 30 degrees

**Projection Offset**
- 110% ±5%

**Resolution Support**
- VGA (640 x 480) to UXGA (1600 x 1200)

**Horizontal Frequency**
- 15~102KHz

**Vertical Scan Rate**
- 23~120Hz

**Compatibility**
- HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p
- Frame Packing: Up to 1080p
- Top Bottom: Up to 1080p

**Interface**
- Computer in (D-sub 15pin) x 2 (Share with component)
- Monitor out (D-sub 15pin) x 1
- Composite Video in (RCA) x 1
- S-Video in (Mini DIN 4pin) x 1
- HDMI/MHL x 1
- Audio in (Mini Jack) x 2
- Audio Out (Mini Jack) x 1
- Audio L/R In (RCA) x 1
- Speaker 10W x 1
- USB (Type Mini B) x 1
- RS232 (DB-9pin) x 1
- LAN (RJ45) x 1

**Dimensions (WxHxD)**
- 11.3" x 4.5" x 9.15" (w/ feet)

**Weight**
- 5.73bs (2.6kg)

**Power Supply**
- AC100 to 240 V, 50 to 60 Hz

**Power Consumption**
- 270W (Normal), 220W (Eco), Standby<0.5W

**Audible Noise**
- 32/28 dBA (Normal/Economic mode)

**On-Screen Display Languages**
- Arabic/Bulgarian/Croatian/Czech/Danish/Dutch/English/Finnish/French/German/Greek/Hindi/Hungarian/Italian/Indonesian/Japanese/Korean/Norwegian/Polish/Portuguese/Romanian/Russian/Simplified Chinese/Spanish/Swedish/Turkish/Thai/Traditional Chinese (28 Languages)

**Picture Mode**
- Dynamic/Presentation/SRGB/Cinema/User 1/User 2

**Accessories (Standard)**
- Lens Cover, Remote Control w/ Battery, Power Cord, User Manual CD, Quick Start Guide, Warranty Card, VGA (D-sub 15pin) Cable

**Accessories (Optional)**
- Spare Lamp Kit P/N: 5J.JAD08.001
- Ceiling Mount P/N: 5J.JAN10.001
- 3D Glasses P/N: 5J.JTK25.001
- Carry Bag P/N: 5J.JR09.001
- Remote P/N: 5J.JAD06.001

**UPC Code / Part #**
- 8400460-2899-2 / 9H.JAD77.13A

**Limited Warranty**
- 3 Years Parts & Labor / 1 Year or 2000 Hours of Lamp Life

*Lamp life results will vary depending on environmental conditions and usage. Actual product’s features and specifications are subject to change without notice.*
### Distance Chart

<table>
<thead>
<tr>
<th>Diagonal (inch)</th>
<th>W (inch)</th>
<th>H (inch)</th>
<th>(b) Distance from screen (inch)</th>
<th>(c) Vertical offset (inch)</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>64</td>
<td>48</td>
<td>38.8</td>
<td>7.2</td>
</tr>
<tr>
<td>100</td>
<td>80</td>
<td>60</td>
<td>48.6</td>
<td>9.01</td>
</tr>
<tr>
<td>120</td>
<td>96</td>
<td>72</td>
<td>58.3</td>
<td>10.7</td>
</tr>
<tr>
<td>150</td>
<td>120</td>
<td>90</td>
<td>72.9</td>
<td>13.5</td>
</tr>
<tr>
<td>180</td>
<td>144</td>
<td>108</td>
<td>87.4</td>
<td>16.1</td>
</tr>
<tr>
<td>200</td>
<td>160</td>
<td>120</td>
<td>97.2</td>
<td>17.9</td>
</tr>
<tr>
<td>220</td>
<td>176</td>
<td>132</td>
<td>106.9</td>
<td>19.8</td>
</tr>
<tr>
<td>240</td>
<td>192</td>
<td>144</td>
<td>116.6</td>
<td>21.6</td>
</tr>
<tr>
<td>270</td>
<td>216</td>
<td>162</td>
<td>131.2</td>
<td>24.3</td>
</tr>
<tr>
<td>300</td>
<td>240</td>
<td>180</td>
<td>145.8</td>
<td>27.0</td>
</tr>
</tbody>
</table>

### Ceiling Mount Chart

Minimum Ceiling Height (mm) = f + H + b + 60 + 274 + c

### Dimensions

![Dimensions Image]