Fully featured for widescreen applications

The WD510U is a WXGA projector (1280 x 800 dots) that features a finely tuned screen aspect ratio to support the shift towards wider PC screens has been built with up to 1.3 times the display area of conventional XGA projectors, making it fully compatible with widescreen laptops and PC’s.

Crystal clear DVD images can be reproduced on the WD510U as it is free from compression and depending on the application two windows can appear on screen at once; such as the menu and preview domains.

BrilliantColour™ Technology and Mitsubishi Electric’s Engineering Yields Superior Colour Performance

BrilliantColour™ Technology is Texas Instruments’ latest innovation in producing amazing rich and vibrant colours. At Mitsubishi Electric, we developed a 6-segment colour wheel that includes the colours of R,G,B,W,Y,C. Apart from the typical red, green, blue and white, we added yellow and cyan segments to display a wider colour spectrum. In addition, we coded our colour algorithms to emphasize brightness or colour modes, designed to match the environment where the WD510U is used.

Together with selective lamp powered modulation techniques, the WD510U with BrilliantColour™ technology acts intelligently to boost colours to improve the intensity and vibrancy of an entire display. For instance, when projecting an already-bright screen image, the lamp is programmed to provide brighter, more vivid colours. In contrast, if the image shows genuine colour reproduction, the algorithm delivers just the right colours with the appropriate radiance for maximum visual impact.

2600 ANSI LUMENS
4000 HOUR LAMP LIFE
2000:1 CONTRAST RATIO

Display different windows side by side, banishing the idea of left-right scrolling.

Wide-screen broadcasts in all their natural glory.
Outstanding Presentation Functions

Functional Performance at its best

▶ 2600 ANSI Lumens of outstanding brightness
▶ Super low noise operation at 29dB**
▶ Center lens design for symmetrical installation
▶ Splash screen and wall screen support
▶ Discreet audio and video inputs for computers and video sources

A Better Investment with a Lower Cost of Ownership

▶ Long-life lamp of 4,000 hours*2
▶ Top-access lamp cover for easy replacements
▶ Filter-free design
▶ Enhance security features with reinforced anchor bars and password protection
▶ Time-saving instant shut down feature

Screen size and Projection distance

As seen from the side

Screen size chart

<table>
<thead>
<tr>
<th>Diagonal size</th>
<th>Width (W)</th>
<th>Height (H)</th>
<th>Shorthest</th>
<th>Longest</th>
</tr>
</thead>
<tbody>
<tr>
<td>inch</td>
<td>cm</td>
<td>inch</td>
<td>cm</td>
<td>cm</td>
</tr>
<tr>
<td>40</td>
<td>102</td>
<td>64</td>
<td>32</td>
<td>18</td>
</tr>
<tr>
<td>50</td>
<td>127</td>
<td>80</td>
<td>40</td>
<td>24</td>
</tr>
<tr>
<td>60</td>
<td>152</td>
<td>96</td>
<td>48</td>
<td>30</td>
</tr>
<tr>
<td>70</td>
<td>178</td>
<td>112</td>
<td>56</td>
<td>36</td>
</tr>
<tr>
<td>80</td>
<td>203</td>
<td>128</td>
<td>64</td>
<td>42</td>
</tr>
</tbody>
</table>

Screen size chart

Distance from screen (L) Height projected image (Hd)

<table>
<thead>
<tr>
<th>Diagonal size</th>
<th>Width (W)</th>
<th>Height (H)</th>
<th>Shorthest</th>
<th>Longest</th>
</tr>
</thead>
<tbody>
<tr>
<td>inch</td>
<td>cm</td>
<td>inch</td>
<td>cm</td>
<td>cm</td>
</tr>
<tr>
<td>40</td>
<td>102</td>
<td>64</td>
<td>32</td>
<td>18</td>
</tr>
<tr>
<td>50</td>
<td>127</td>
<td>80</td>
<td>40</td>
<td>24</td>
</tr>
<tr>
<td>60</td>
<td>152</td>
<td>96</td>
<td>48</td>
<td>30</td>
</tr>
<tr>
<td>70</td>
<td>178</td>
<td>112</td>
<td>56</td>
<td>36</td>
</tr>
<tr>
<td>80</td>
<td>203</td>
<td>128</td>
<td>64</td>
<td>42</td>
</tr>
</tbody>
</table>

Specifications

Model: WD510U
Display technology: 0.65" DMD
Resolution: 1280 x 800 (total 1,024,000 pixels)
Brightness: 2600lm
Contrast: 2000:1
Picture size: 40 " ~ 300 "
Source lamp: 118W (Shut Off Time 4000Hrs) with Low Mode
231W (Shut Off Time 2000Hrs) with Standard Mode
Computer compatibility: NTSC / PAL / NTSC-4.43 / PAL-M / PAL-N / SECAM / PAL-60
Component Video: 480i (525i), 576i (625i), 720p (750p), 1080i (1125i 50Hz), 1080i (1125i 60Hz)
Video compatibility: NTSC / NTSC-4.43 / PAL (including PAL-M, N), SECAM / PAL-60
Input terminals: RGB : mini D-sub15pin x 2, DVI-D (with HDCP) x 1, PC Audio : stereo mini jack (L/R), Video : RCA x 1, Audio Input (stereo mini jack) x 1, Audio output x 1, USB terminal for Page Up/Down
Output terminals: RGB : mini D-sub15pin x 1, Audio : stereo mini jack (L/R) x 1
Communication terminals: RS-232C (D-sub 9pin) x 1, USB terminal for Page Up/Down x 1
Audio speaker: 2W mono
Fan noise: 29dB (at Low Mode)
Dimensions: (WxHxD) 312 x 102 x 250mm / 12.3 x 4.0 x 9.8 inch (not included protrusion)
Weight: 3.2kg / 7.0lbs
Power supply: AC100-240V, 50/60Hz
Power consumption: 292W (Shut Off Time 2000Hrs) with Standard Mode

*All brand names and product names are trademarks, registered trademarks or trade names of their respective holders.

**Use time may vary widely by the environment and conditions, and whether or not cleaning and other maintenance procedures are followed.

Note: (*1): When used at the low lamp mode. Maximum lamp life at standard mode use is 2,000 hours.

Note: (*2): Lamp life refers to the average time required for brightness to be reduced by half, and not the time specified in the warranty.

The above numbers are approximate, and may be slightly different from the actual measurements.