Introducing Our Mobile WXGA Model

~ Wide-Screen Images in All Their Natural Glory ~

Presenting the WXGA Projector (1280 x 800 pixels), finely tuned to support the aspect ratio shift toward wider PC screens. Built with 1.3-times the display area of conventional XGA projectors, making it fully compatible with wide screens — the WXGA purges any need for left-right screen scrolling. Depending on the application, you can even screen two windows at once, for even greater presentation impact might. DVD’s may also be replayed in their native aspect ratio, free of image compression.

PORTABLE WXGA PROJECTOR

WD510U-G

BrilliantColor™ Technology and MitsubishiElectric’s Engineering Yields Superior Color Performance

BrilliantColor™ Technology is Texas Instruments latest innovation in producing amazing rich and vibrant colors. At MitsubishiElectric, we developed a 6-segment color wheel that includes the colors 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 color spectrum. In addition, we coded our color algorithms to emphasize brightness or color modes, designed to match the environment where the WD510U-G is used. Together with selective lamp powered modulation techniques, the WD510U-G with BrilliantColor™ technology acts intelligently to boost colors 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 colors. In contrast, if the image shows genuine color reproduction, the algorithm delivers just the right colors with the appropriate radiance for maximum visual impact.

Lamp Power Modulation

<table>
<thead>
<tr>
<th>Lamp Power</th>
<th>Light intensity increases for RGB segments on the color wheel, emphasizing bright colors in even more vivid tones.</th>
<th>Normal Mode (preserving color reproduction) Light intensity increases for the RGB segment on the color wheel, ensuring ample brightness while screening brilliant colors.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Power</td>
<td><img src="image" alt="Lamp Power (Basic concept)" /></td>
<td><img src="image" alt="Normal Mode (preserving color reproduction)" /></td>
</tr>
<tr>
<td>Low Power</td>
<td><img src="image" alt="Lamp Power (Basic concept)" /></td>
<td><img src="image" alt="Normal Mode (preserving color reproduction)" /></td>
</tr>
</tbody>
</table>

Width-screen broadcasts in all their natural glory.
Mobile WXGA projector

WD510U-G

Input and Output Terminals

Functional Performance at its best

- 2600 ANSI Lumen of outstanding brightness
- Super low noise operation at 29dB*1
- Center lens design for symmetrical installation
- Splash screen and wall screen support
- Separate audio and video inputs for computers and video sources

A Better Investment with a Lower Cost of Ownership

- Long estimated lamp life of 4,000 hours*2
- Top-access lamp cover for easy replacements
- Filter-free design for low cost of ownership
- Enhanced security features with reinforced anchor bars and password protection
- Instant shut down feature saves time

Specifications

- Model: WD510U-G
- Display technology: 0.65”-1-Chip DMD (12 deg. LVDS, DPD2230)
- Resolution: 1280 x 800 (total 1,024,000 pixels)
- Brightness: 2600 ANSI lumens
- Contrast ratio: 2000:1 (on/off)
- Picture size: 40” ~ 300” (diagonal)
- Projection lens: f=18.4 ~ 22.0 mm, F=2.5 ~ 2.8
- Offset axis: 12.0:1
- Throw ratio: 1.27 ~ 1.51
- Source lamp: 180W (Estimate lamp life rating 4000Hrs) with Low Mode
- 230W (Estimate lamp life rating 2000Hrs) with Standard Mode
- Computer compatibility: NTSC / NTSC4.43 / PAL / SECAM / PAL-60, Component Video: 480i(525i), 576i(625i), 720p (750p), 1080i (1125i 60Hz), 1080p (1125i 50Hz)
- Input terminals: RGB: mini D-sub15pin x 2, DVI D-(with HDCP) x 1, PC Audio: stereo mini jack (4.5mm) x 1, Video: RCA x 1 + S-video x 1, Video Audio: RCA jack (LR) x 1
- Output terminals: RGB: mini D-sub15pin x 2, Audio: stereo mini jack (4.5mm) x 1
- Communication terminals: RS-232C (D-sub9pin), USB terminal for Page Up/Down
- Audio speaker: 2W mono
- Fan noise: 29dBA (at Low Mode)
- Power supply: AC100-240V, 50/60Hz
- Weight: 3.2kg / 7.0lbs
- Dimensions: 283 x 236 x 406 mm
- Screen size and Projection distance:

Screen size chart

<table>
<thead>
<tr>
<th>Screen size (16:10 WXGA)</th>
<th>Projection Distance (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shortest</td>
<td>Longest</td>
</tr>
<tr>
<td>in</td>
<td>cm</td>
</tr>
<tr>
<td>40</td>
<td>102</td>
</tr>
<tr>
<td>60</td>
<td>152</td>
</tr>
<tr>
<td>80</td>
<td>203</td>
</tr>
<tr>
<td>100</td>
<td>254</td>
</tr>
<tr>
<td>150</td>
<td>381</td>
</tr>
<tr>
<td>200</td>
<td>508</td>
</tr>
<tr>
<td>250</td>
<td>635</td>
</tr>
<tr>
<td>300</td>
<td>762</td>
</tr>
</tbody>
</table>

<Noise Level Example>*3

- 20dB: Whispering voices, the suburbs late at night.
- 30dB: Whispering voices, the suburbs late at night.
- 40dB: A quiet residential area, songbirds chirping.

Optional lamp: Mount lamp (WD510U)

Warranty: 1-Year or 500 hours lamp warranty (whichever comes first)

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