Panasonic
ideas for life

Brilliant pictures for effective visual communication

PT-DW6300US
PT-DW6300ULS
PT-D6000US
PT-D6000ULS

DLP™ Based Projector

PT-DW6300US
PT-DW6300ULS
PT-D6000US
PT-D6000ULS

Brilliant pictures for effective visual communication

PT-DW6300US
PT-DW6300ULS
PT-D6000US
PT-D6000ULS

WXGA
6,000 lm

XGA
6,500 lm
Vivid Picture Quality with High Brightness

RGB Booster Significantly Improves Color Reproduction

The RGB Booster achieves high image quality with levels of color reproduction (up to 14% that of conventional models) and brightness that make each color stand out. It combines Panasonic’s proprietary Vivid Color Control technology with a newly engineered Lamp Modulation Drive System for a 1-chip DLP™ projector that produces bright and vivid colors.

- Vivid Color Control
  This unique control technology optimizes the use of the color segment areas of the color wheel. It increases the brightness of each RGB color by minimizing the unallocated portions between the colors, to achieve truly vivid colors.
- Lamp Modulation Drive System
  With the new lamp modulation technology, the projector is now able to control the lamp intensity for each of the red, green, blue, and white segments of the color wheel separately. Because the actual light output is controlled in relation to each color segment, light usage is optimized and color balance is obtained without lowering the brightness. This results in bright, vivid images with increased color fidelity.

Detail Clarity Processor Brings Depth and Clarity to Details

This advanced image-processing circuit analyzes the video signal frequency range for each scene by extracting data on the distribution of high, mid, and low-frequency components, and brings out fine details accordingly. The resulting images have a more realistic, three-dimensional appearance with crisp, clear detail.

System Daylight View 2 for Enhanced Color Perception

Image details are less clear when a projector is used in a bright room. Panasonic’s System Daylight View 2 improves brightness perception by adjusting sharpness, Gamma curves, and color corrections. This produces crisper, more stunning images with vivid colors even under bright conditions.

Easy Maintenance and Superior Reliability

- Auto Cleaning Filter Reduces Maintenance Hassles
  The Auto Cleaning Filter (ACF) provides a clean filter surface whenever it senses clogging, and brushes down the accumulated dust. This enhances the Micro Cut Filter’s performance, so no filter replacement is needed for over 10,000 hours, reducing maintenance.
- Liquid Cooling System Attains a High Level of Reliability
  The liquid cooling system directly cools the DLP™ chip to improve performance and enable operation up to 113°F/45°C. This allows for a wider variety of environments, while stabilizing performance and keeping the unit quiet even in harsh conditions.
- Dual-Lamp System Prevents Image Interruptions
  The Dual-Lamp System increases brightness and eliminates the need to interrupt a presentation if a lamp should burn out. In dual-lamp operation mode, the Lamp Relay mode also operates the lamps alternately to enable 24/7 projector operation.
- Lamp Relay Mode
  lamps alternately to enable 24/7 projector operation.

Vivid Color Control

Vivid Color Control is achieved by tri-color separation control, which controls the intensity of each color segment. This results in bright, vivid images with increased color fidelity.

Lamp Modulation Drive System

Lamp Modulation Drive System is achieved by controlling the lamp intensity for each of the red, green, blue, and white segments of the color wheel separately. This results in bright, vivid images with increased color fidelity.

Other Features

- Side-by-Side Function
  The PT-DW6300US can simultaneously display images from two sources onto a single screen. For example, you can display a PC image on the left and a video image on the right.
- Multi Projector Monitoring & Control Software
  Panasonic’s original “Multi Projector Monitoring & Control” software allows the user to control and monitor multiple projectors at the same time via LAN. Projectors can be scheduled to turn on and off at a certain hour everyday. When a problem occurs, an alarm message is sent to the monitoring/controlling PC.
- Standby Mode: eco
  The PT-DW6300US/D6000US has attained a low standby power level of 0.2 W, which is a top-class level in its class. It also helps to slash running costs, and reduces environmental impact.

Conventional System

Conventional system lacks the color separation control, which results in less vivid colors due to the boundaries between colors.

RGB Booster

RGB Booster significantly improves color reproduction by achieving high levels of color reproduction (up to 14% that of conventional models) and brightness. This results in bright, vivid images with increased color fidelity.

Lamp Modulation Drive System

Lamp Modulation Drive System is achieved by controlling the lamp intensity for each of the red, green, blue, and white segments of the color wheel separately. This results in bright, vivid images with increased color fidelity.

Flexible Installation

With the wide-adjustable range of the powered vertical/horizontal lens shift function, the PT-DW6300US/D6000US is easy to install, even in rooms with high ceilings, narrow spaces, or limited access.

Multi-Screen Support System Seamlessly Connects Multiple Screens

Up to 100 units (10 x 10) can be edge-blended at a time. Multi-screen Processor reproduces the color matching range of individual projectors. Source

Recommended Applications

- Conference / Classroom
- Auditorium / House of worship
- Hotels & Resorts
- Stadium

- Uninflected frame rates are maintained in full, offering smooth playback.
- Image doubling reduces further picture distortion, allowing for comfortable viewing.
- Standby power consumption of only 0.2W has been achieved.
High Brightness with New AC Lamp

Our newly-developed 300-watt AC lamps are used in the PT-DW6300US/D6000US. The high-efficiency light convergence technology and the color wheel work together to achieve the high brightness of 6,000 lumens for the PT-DW6300US and 6,500 lumens for the PT-D6000US. Clear, crisp images are reproduced even in bright rooms.

Detail Clarity Processor Brings Depth and Clarity to Details

This advanced image-processing circuit analyzes the video signal frequency range for each scene by extracting data on the distribution of high, mid, and low-frequency components, and brings out fine details accordingly. The resulting images have a more natural, three-dimensional appearance with crisp, clear detail.

System Daylight View 2 for Enhanced Color Perception

Image details are less clear when a projector is used in a room with the lights on. Panasonic’s System Daylight View 2 improves brightness perception by adjusting sharpness, Gamma curves, and color corrections. This produces crisper, more stunning images with vivid colors even under bright conditions.

Easy Maintenance and Superior Reliability

- **Autocleaning Filter** reduces maintenance hassles
- **Vivid Color Control** provides high image quality
- **Color Matching** for accurate color reproduction
- **Dynamic Sharpness Control** for optimized sharpness
- **Power Off** to save energy

Vivid Picture Quality with High Brightness

**RGB Booster Significantly Improves Color Reproduction**

The RGB Booster achieves high image quality with levels of color reproduction (up to 141% that of conventional models) and brightness that make each color stand out. It combines Panasonic’s proprietary Vivid Color Control technology with a newly engineered Lamp Modulation Drive System for a 1-chip DLP™ projector that produces bright and vivid colors.

**Vivid Color Control**

This unique control technology produces the use of the color segment areas of the color wheel. It increases the brightness of each RGB color by minimizing the unutilized portions between the colors, to achieve true-color images.

**Lamp Modulation Drive System**

With the new lamp modulation technology, the projector is now able to control the lamp intensity for each of the red, green, blue, and white segments of the color wheel separately. Because the actual light output is controlled in relation to each color segment, light usage is optimized and color balance is obtained without lowering light output. This results in bright, vivid images with increased color fidelity.

Dual-Lamp System Prevents Image Interruptions

The Dual-Lamp System increases brightness and eliminates the need to interrupt a presentation if a lamp should burn out (in dual-lamp operation models). The Lamp Relay Mode also allows the use of the lamps alternately to enable up to 24/7 projector operation. The lamp needs to be replaced if a lamp should burn out (in dual-lamp operation models).

Liquid Cooling System Attains a High Level of Reliability

The liquid cooling system directly cools the DLP™ chip to improve performance and enable operation up to 113°F / 45°C. This allows the projector to be used in a wider variety of environments while still maintaining performance and keeping the unit quiet even in harsh conditions.

Easy Integration Flexibility

**Flexible Installation**

The wide adjustment range of the powered horizontal/vertical lens shift function assures virtually distortion-free images and added convenience and versatility. It lets you easily control the position of the image using the remote control. The unit can also be rotated 360° vertically. This means you can install it at any angle you want, to accommodate different installation conditions.

**Multi Screen Support System**

Seamlessly Connects Multiple Screens

- **Multi-screen Processor**
- **Multi-screen IP Converting Circuitry**
- **3D Color Management System**
- **Full 10-bit Signal Processing**

**Multi Projector Monitoring & Control Software**

Panasonic’s original "Multi Projector Monitoring & Control" freeware allows the user to control and monitor multiple projectors at the same time via LAN. Projectors can be scheduled to turn on and off at a certain hour everyday. When a problem occurs, an alarm message is sent to the monitoring/controlling PC.

**Auto Cleaning Filter**

The Auto Cleaning Filter (ACF) provides a clean filter surface whenever its sensors clogging, and brushes clean it from the inside. This cushions the Micro Cut Filter’s performance, so no filter replacement is needed for over 10,000 hours, reducing maintenance.

Ecology-conscious Design

- **Reduced Energy Consumption**
  - Standby power consumption of only 0.2 W has been achieved.
  - Dynamic Sharpness Control Circuitry
  - Wireless Remote Control
- **Color Matching** for accurate color reproduction
- **Power Off** to save energy

**Recommended Applications**

- Conference / Classroom
- Auditorium / House of worship
- Rental & Staging
- Museum

The PT-DW6300US/D6000US boasts superior image quality, flexible installation, and easy maintenance, making either model an ideal choice for use in classrooms, auditoriums, houses of worship, museums, and much more.
## Specifications

### Projection distance

<table>
<thead>
<tr>
<th>Screen size (16:9)</th>
<th>Diagonal</th>
<th>Diagonal</th>
<th>Diagonal</th>
</tr>
</thead>
<tbody>
<tr>
<td>400&quot;</td>
<td>39.3'</td>
<td>21.5'</td>
<td>10.6'</td>
</tr>
<tr>
<td>50&quot;</td>
<td>51.4'</td>
<td>25.6'</td>
<td>13.2'</td>
</tr>
<tr>
<td>60&quot;</td>
<td>59.0'</td>
<td>29.2'</td>
<td>15.6'</td>
</tr>
<tr>
<td>75&quot;</td>
<td>70.9'</td>
<td>36.9'</td>
<td>20.9'</td>
</tr>
<tr>
<td>100&quot;</td>
<td>93.3'</td>
<td>50.5'</td>
<td>27.0'</td>
</tr>
<tr>
<td>120&quot;</td>
<td>108.1'</td>
<td>63.9'</td>
<td>34.0'</td>
</tr>
<tr>
<td>150&quot;</td>
<td>133.2'</td>
<td>75.4'</td>
<td>41.1'</td>
</tr>
<tr>
<td>180&quot;</td>
<td>167.4'</td>
<td>98.3'</td>
<td>52.8'</td>
</tr>
</tbody>
</table>

### Dimensions

- **PT-DW6300ULS/D6000ULS**
  - Weight: 13.2 kg (28.8 lbs)
  - Dimensions: 19-19/32˝ x 6-7/8˝ x 17-5/16˝ (498 mm x 175 mm x 440 mm) (with supplied lens)

- **PT-DW6300US/D6000US**
  - Weight: 12.4 kg (27.4 lbs)
  - Dimensions: 19-19/32˝ x 6-7/8˝ x 17˝ (498 mm x 175 mm x 432 mm) (without lens)

### Black color models

- **PT-DW6300US/D6000US**
  - Weight: 11.6 kg (25.6 lbs)
  - Dimensions: 19-19/32˝ x 6-7/8˝ x 17˝ (498 mm x 175 mm x 432 mm) (without lens)

### Zoom lens

- **ET-PKD56H**
  - Zoom ratio: 1.8–2.4:1
  - F 1.7–2.0, f 25.6–33.8 mm

### Ceiling mount bracket

- Maximum ceiling: 175 (6-7/8) mm

### Remote control

- **REMOTE 1**
  - IR input: BNC x 5
  - Mini DIN 4-pin

### Center-to-corner uniformity*

<table>
<thead>
<tr>
<th>Model</th>
<th>Uniformity</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT-DW6300ULS/D6000ULS</td>
<td>5 Average value. May differ depending on models.</td>
</tr>
</tbody>
</table>

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**NOTES ON USE**

1. The lamp replacement cycle duration becomes shorter if the projector is operated repeatedly for short periods.
2. If the projector is to be operated continuously 24 hours a day, use the dual-lamp optical system’s alternating lamp operation (lamp changer) function. The projector cannot
3. The projector uses a high-wattage lamp that becomes very hot during operation. Please observe the following precautions.
4. If the projector is to be operated continuously 24 hours a day, use the dual-lamp optical system’s alternating lamp operation (lamp changer) function. The projector cannot
5. The lamp replacement cycle duration becomes shorter if the projector is operated repeatedly for short periods.
6. The lamp replacement cycle duration becomes shorter if the projector is operated repeatedly for short periods.

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For more information about Panasonic projectors —
http://panasonic.net/avc/projector

Please contact Panasonic or your dealer for a demonstration.