Easy to Use
Short-Throw Projectors

Photo shows the PT-TW341R.
Wide 80-inch Screen Images with a Short Projection Distance of 75 cm
Close range projection reduces not only the shadows of the presenter but also the glare of the projection light, making lectures and meetings more comfortable.
Curved Screen Correction
Barrel and pincushion distortion is easily corrected when projecting onto a curved screen.

Space-Saving, Easy Interactivity (PT-TW341R), Powered by a Long-Lasting Lamp

With its compact, lightweight body, the TW341R Series enables large-screen projection even in limited spaces, making it ideal for small meeting rooms and classrooms. The PT-TW341R features interactive functions that make lectures and meetings more effective, and give presentations greater impact.

**Superb Performance**

Interactive Functions Let You Write on a Projected Image (PT-TW341R Only)
You can write or draw figures on the projected image with the Interactive Pen/Pointer. The scanning camera frame rate of the PT-TW341R, which is higher compared to our previous products, ensures smoother writing. In addition, two users can write simultaneously to make classes and presentations more effective. It is also easy to store the words and figures in a computer for information sharing.

Convenient Interactive Features
- **Auto driver installation**
  No need to install a special driver from a CD-ROM.
- **Auto calibration**
  Auto calibration helps to reduce setting time. Manual calibration is also available by touching four points with the Interactive Pen/Pointer.
- **Functionality improved**
  The faster frame rate ensures smooth, comfortable writing.

A Full 3,500 lm of Brightness and 10,000:1 Contrast Ratio
A remarkable 3,500 lm of brightness and 10,000:1 contrast have been achieved in a compact, easy-to-carry body. Bright, clear images enhance the variety of viewing situations and applications.

A Maximum 8,000-Hour Lamp Replacement Cycle
It enables operation for up to 8,000 hours without needing to be replaced. This also helps reduce maintenance and operating costs.

Ease of Installation

Corner Keystone Correction Enables Angled Projection
All you need to do is designate four points as the corners of the projected image, and this function easily carries out horizontal and vertical keystone correction.

Multiple Unit Monitoring Capability
Multi Projector Monitoring & Control Software is available for monitoring and controlling multiple Panasonic projectors from a single PC.
Variety of Useful Features

Memory Viewer Function*10
In addition to JPEG/BMP image and text files, PDF files can also be projected by simply inserting a USB memory device containing the data into the USB memory port. Now you can start your presentation without having to connect to a computer.

USB Display Function*10 for Easy Projection Using a USB Cable
USB Display outputs images and sounds from the computer without the need to install any software. Simply connect to the USB port with a single USB cable and start your presentation.

Equipped with an HDMI Input Terminal and Abundant Interfaces
Supports a wide range of system architectures.

Other Useful Features
• Built-in closed caption decoder
• Start up logo
• PJLink™ compatibility
• Built-in 10 W<sup>11</sup> speaker
• Easy lamp and filter replacement
• Projector identification system for up to 6 projectors
• Blackboard mode
• Equipped with a security bar for theft prevention

Eco-friendly
• Ecology-conscious design
• No halogenated flame retardants are used in the cabinet.
• Lead-free glass is used for the lens.
• Coating-free cabinet for easy recycling.
• Switchable lamp mode

Projection distance (unit: feet [meters])

<table>
<thead>
<tr>
<th>Projection distance (L)</th>
<th>Height from the edge of screen to center of lens (H)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50&quot; (1.27)</td>
<td>1.17 (0.45)</td>
</tr>
<tr>
<td>60&quot; (1.52)</td>
<td>1.94 (0.78)</td>
</tr>
<tr>
<td>70&quot; (1.78)</td>
<td>2.68 (1.08)</td>
</tr>
<tr>
<td>80&quot; (2.03)</td>
<td>3.42 (1.36)</td>
</tr>
<tr>
<td>90&quot; (2.29)</td>
<td>4.16 (1.65)</td>
</tr>
<tr>
<td>100&quot; (2.54)</td>
<td>4.90 (1.93)</td>
</tr>
</tbody>
</table>

* Lens performance cannot be guaranteed for projection distance larger than 1.14 m.

Meeting Rooms

Note: A built-in camera is featured on the PT-TW341R only.

Photo shows the PT-TW344R.

Photo shows the PT-TW340.

The PT-TW340/TW250/TX400/TX310/TX210 does not have a built-in camera.
NOTES ON USE

Ceiling mount bracket

Do not install the projector in locations that are subject to excessive water, humidity, steam or oily smoke. Doing so may result in fire, malfunction or electric shock.

1. The projector uses a high-voltage mercury lamp under high internal pressure. This lamp may break, emitting a popping sound, or fail to illuminate, due to impact or extended use.

2. The high-wattage lamp becomes very hot during operation. Please observe the following precautions:

3. The lamp replacement cycle duration becomes shorter if the projector is operated repeatedly for short periods.

Additional recommendations also apply to installation where only one projector unit is operating at one time and the other unit is used as a backup.

Weights and dimensions shown are approximate. Specifications and appearance are subject to change without notice. Product availability differs depending on region and country. This product may be subject to export control regulations. The projection distances and throw ratios given in this brochure are for use only as guidelines. For more detailed information, please consult the dealer from whom you are purchasing the product. The PJLink trademark is an application trademark in Japan, the United States, and other countries and regions or registered trademark. Windows® is either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. All other trademarks are the property of their respective trademark owners. Projection images simulated.

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YouTube – www.youtube.com/user/panasonicProjector

Weights and dimensions

Panasonic

Specifications

Model
PT-TW341R
PT-TW340
PT-TW250
PT-TX400
PT-TX310
PT-TX210

Power supply
AC100–240 V 50/60 Hz

Power consumption
300 W when Standby mode is set to Normal (5.9 W with Standby mode set to Eco*)

Lamp
1,024 W (750–880 lm)

Lamp (H: 15–81 kHz, fV: 24–85 Hz, dot clock: 162 MHz or lower)

Weight
Approx. 3.8 kg (8.4 lbs)

Dimensions
Unit: mm (inches)

Caution

Do not place the projector in locations that are subject to excessive water, humidity, steam or oily smoke. Do not install the projector in locations that are subject to excessive water, humidity, steam or oily smoke. Doing so may result in fire, malfunction or electric shock.

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