Panasonic BUSINESS

PT-TW351R Series
LCD Projectors

Smart and Flexible Short-throw Projection
For Clear and Comfortable Communication

Write and Draw On Projected Images*
* Feature supported on PT-TW351R only.
Communicate effectively by noting directly onto images using Interactive Pen/Pointer*. Great for lectures, lessons, or business meetings, the faster frame-rate enabled by LightPen3 software improves writing smoothness for up to two presenters at once, while setup is now even simpler. Job done, modified images can be saved to PC for later distribution.

LightPen3 Software Streamlines Workflow

- **No Driver Installation**
  Save time with no driver installation necessary via CD-ROM.
- **Automatic Calibration**
  Auto calibration gets you started faster, or if desired, you can perform setup manually by touching four corners with the Pen/Pointer*.
- **Better Performance**
  A faster refresh rate lets you write with the smoothness of a real marker.
- **Dual Pen Support**
  Dual Pen Mode (half- or full-screen modes) lets two presenters write at the same time, a convenient timesaving feature.

Whiteboard Software* Extends Your Capabilities

Need more functions? Interactive capabilities expand with optional Whiteboard Software for Windows®*. This original software (also supported on Panasonic’s BF Series Touch Screen LCDs) supports interactive-ready Panasonic projectors and pro displays and offers powerful graphical communication capabilities via a connected Windows® PC.

Visit http://panasonic.net/avc/projector/ for more information.

Big 80-inch Images from Just 75 cm (2.46 ft.)** Away
Audiences immerse in a large 80-inch image from a projection distance of just 75 cm (2.46 ft.)**. At this throw distance, the presenter’s shadow won’t obscure the screen, while projector glare is minimized to preserve his or her vision. Short-throw projection is ideal for small rooms where throw distances are limited.

Up to 3,800 lm* with 16,000:1 Contrast
Impressively bright 3,800 lm* of imaging power at a crisp 16,000:1 is now possible from a compact and lightweight body. Enjoy more legible graphics, text, images, and video, even with the lights on.

Selectable Modes Extend Maintenance to 10,000 Hours***
Choose a lamp power mode to balance presentation style and efficiency requirements to achieve great performance at lower cost—up to 10,000 hours*** maintenance-free in Eco2 Mode. Lamp and filter replacement timing*** is the same in any mode, streamlining maintenance.

<table>
<thead>
<tr>
<th>Lamp Mode</th>
<th>Replacement Cycle of Lamp***</th>
<th>Replacement Cycle of Air Filter***</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eco2</td>
<td>10,000 hours</td>
<td>10,000 hours</td>
</tr>
<tr>
<td>Eco1</td>
<td>6,000 hours</td>
<td>6,000 hours</td>
</tr>
<tr>
<td>Normal</td>
<td>5,000 hours</td>
<td>5,000 hours</td>
</tr>
</tbody>
</table>

Comfortable Images in Bright Light
Daylight View Lite uses sensor information to optimize color and brightness according to ambient lighting levels. This function is easily accessed using the supplied remote control.

PT-TW351R Series Application Examples
Corner Keystone Correction for Angled Projection
If on-site conditions call for off-axis projection, designate four screen corners and Horizontal & Vertical Corner Keystone Correction performs necessary adjustments for a distortion-free image.

Curved Screen Correction
Barrel and pincushion distortions are easily corrected when projecting onto a curved screen surface.

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

Project Wirelessly with Optional Module
Project media wirelessly via PC using Presenter Light or a compatible third-party application for iOS and Android™ devices. Just connect the optional ET-WML100 Wireless Module to the projector’s USB input.

Memory Viewer Function
Insert a USB memory device into the USB port and start projecting stored content straight away without need of a connected PC.

USB Display Function Projects Media Over USB Cable
Transmission of audio-video content via PC to the projector is supported over USB cable with an included USB Display Mode.

Quiet 28 dB** for Distraction-free Viewing
Operating noise is as low as 28 dB**, reducing the chance of distraction during presentations or quiet video scenes.

Simple Lamp and Filter Replacement
Lamp and filter are accessed via panels in the top and side of the projector. Periodic maintenance takes moments even with the unit attached to a ceiling-mount bracket.

HDMI and PC Inputs
Transmit Full HD video* and graphics using HDMI terminal or either of two D-sub HD terminals for personal computer. A PC monitor output is also included.

*Audio transmission not supported with Mac OS.

4-Window Multi Style

Other Handy Features
- Built-in closed caption decoder
- Direct Power Off
- Configurable Start-up logo
- PJLink™ compatibility
- Built-in 10 W speaker
- Projector identification system for up to six projectors
- Blackboard mode
- Equipped with a security bar for theft prevention

Eco-friendly Design Features
- No halogenated flame-retardants used in the cabinet
- Lead-free glass inside lens
- Coating-free cabinet for easy recycling
- Switchable lamp mode saves power

*1 Interactive Pointer is optional.  *2 Available for Windows® operating systems.  *3 Supported by Windows® 7, Windows® 8, and Windows® 10. Please note that some functions operable on professional displays are not supported on projectors.
*4 Projection distance is 80 cm (2.62 ft.) for the PT-TW351R/TW350. *5 PT-TX410 only. Brightness is 3,300 lm for the PT-TW351R/TW350 and 3,200 lm for the PT-TX320. *6 With Lamp Mode on Eco2. *7 Lamp and filter life depends on environment and usage conditions. *8 With Lamp Mode is set to Eco2.

Simple Setup, Easy Management

More Practical Ways to Connect

Presenter Light Ver.1.0 for Windows® PCs
• Supports images, video, and documents such as PDF and PowerPoint®
• Mirrors PC screen on the big screen
• Project media from up to four PCs simultaneously in Split Screen Mode

Photo shows the PT-TW350. The PT-TW350/TX410/TX320 does not have a built-in camera.

Photo shows the PT-TW351R with built-in camera.

Note: A built-in camera is featured on the PT-TW351R only.

PT-TW351R WXGA 3,300 lm
PT-TX350 WXGA 3,300 lm
PT-TX410 XGA 3,800 lm
PT-TX320 XGA 3,200 lm

PT-TW351R

PT-TX410/TX320

*Requires optional ET-WML100 Wireless USB Module.
## Specifications

**Model:**
- PT-TW351R
- PT-TW350
- PT-TX410
- PT-TX320

### Power supply
- AC 100–240 V, 50/60 Hz

### Power consumption
- 300 W (6 W with Standby mode set to Normal, 0.5 W with Standby mode set to Eco)

### LCD panel
- Display method: Transparent LCD panel (x 3, RGB/Y)
- Method: Active matrix method

### Resolution
- 1280 × 800 pixels

### Lamp
- Brightness: 3,700 lm
- Lamp replacement cycle: 5,000 hours, lowest: 4,000 hours, Eco mode: 6,000 hours
- Flicker frequency: 60 Hz (Japan), 50 Hz (other countries)

### Dimensions
- Width: 335 (13-3/16) mm
- Height: 329 (12-15/64) mm
- Depth: 329 (12-15/64) mm

### Projector types
- PT-TW351R/PT-TW350: (16:10 aspect ratio; throw ratio 0.46:1)
- PT-TX410/PT-TX320: (4:3 aspect ratio; throw ratio 0.46:1)

### Projector distance

#### PT-TW351R/PT-TW350
- Diagonal image size: 1.27–2.54 m (40–80 inches)
- Projection distance (L): 0.22–0.43 m

#### PT-TX410/PT-TX320
- Diagonal image size: 1.37–2.34 m (43–76 inches)
- Projection distance (L): 0.24–0.46 m

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For more information about Panasonic projectors, please visit: Projector Global Website – panasonic.net/avc/projector

YouTube – panasonic.net/avc/projector

Facebook – panasonic.net/avc/projector

Projector Global Website – facebook.com/panasonicprojector

YouTube – youtube.com/user/PanasonicProjector

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**All information included here is valid as of January 2017.**

PT-TW351RG1 Printed in Japan.