Specifications

Model		PT-TW371R	PT-TW370	PT-TX430	PT-TX340
Projector type		LCD Projectors			
LCD panel	Panel size	15.0 mm (0.59 in) diagonal (16:10 aspect ratio)		16.0 mm (0.63 in) diagonal (4:3 aspect ratio)	
	Display method	Transparent LCD panel (x 3, R/G/B)			
	Drive method	Active matrix method			
	Pixels	1,024,000 (1280 x 800) x 3, total of 3,072,000 pixels		786,432 (1024 x 768) x 3, total of 2,359,296 pixels	
Lamp		230 W x 1 lamp			
	Lamp replacement cycle*1	Normal: 10,000 h/Eco: 20,000 h/Quiet: 10,000 h			
Light output*2 (Lamp power: Normal)		3,300 lm	3,300 lm	3,800 lm	3,200 lm
Filter replacement cycle		Normal: 5,000 h/Eco: 6,000 h/Quiet: 10,000 h			
Resolution		1280 x 800 pixels (Input signals that exceed this resolution will be converted to 1280 x 800 pixels)		1024 x 768 pixels (Input signals that exceed this resolution will be converted to 1024 x 768 pixels)	
Contrast*2		16,000:1 (All white/all black, Iris: On, Image mode: Dynamic, Lamp control: Normal)			
Screen size (diagonal)		1.27–2.54 m (50–100 in), 16:10 aspect ratio		1.27–2.54 m (50–100 in), 4:3 aspect ratio	
Center-to-corner uniformity*2		85 %			
Lens		Fixed zoom, manual focus lens, F = 1.8, f = 6.08 mm, throw ratio: 0.46:1			
Keystone correction range	Vertical	±15 ° (Auto, Manual)			
	Horizontal	±15 ° (Manual)			
Installation		Ceiling/floor, front/rear			
Terminals	HDMI IN	HDMI 19P x 1, HDCP compatible, Deep Color compatible, Audio Signal: Linear PCM (Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)			
	COMPUTER 1 IN	D-sub HD 15-pin (female) x 1 [RGB/S-Video/YP$_B$(C$_B$)P$_R$(C$_R$)]			
	COMPUTER 2 IN	D-sub HD 15-pin (female) x 1 [RGB]			
	MONITOR OUT	D-sub HD 15-pin (female) x 1 [RGB]			
	VIDEO IN	Pin jack x 1			
	AUDIO IN 1	M3 (L,R) x 1			
	AUDIO IN 2	Pin jack x 2 (L,R)			
	AUDIO OUT	M3 (L,R) x 1 (Variable)			
	LAN	RJ-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink™ (Class 1) compatible			
	SERIAL IN	D-sub 9P (female) x 1 for external control (RS-232C compatible)			
	USB A	USB Type-A (for Memory Viewer Light/Wireless Module [DC 5 V, MAX. 500 mA])			
	USB B	USB Type-B (for USB Display)			
	Mini USB	x 1 (for Interactive function)	—		
Power supply		AC 100–240 V, 50 Hz/60 Hz			
Power consumption		300 W (6 W with Standby mode set to Normal, 0.5 W with Standby mode set to Eco*3)			
Built-in speaker		10 W monaural			
Cabinet materials		Molded plastic (PC)			
Operation noise*2		Normal: 39 dB, Eco: 35 dB, Quiet: 30 dB			
Dimensions (W x H x D)		335 mm x 134.1 mm (with legs at shortest position) x 329 mm (13 3/16″ x 5 9/32″ x 12 15/16″)			
Weight*4		Approx. 3.9 kg (8.6 lbs)			
Operating environment		Operating temperature: Normal use: 5–40 °C (41–104 °F) [at altitudes less than 1,400 m (4,593 ft)], 5–35 °C (41–95 °F) [at altitudes of 1,400–2,700 m (4,593–8,858 ft)] Operating humidity: 20–80 % (No condensation)			
Supplied accessories		Wireless remote control unit x 1, power cord x 1 (number and size of cords depends on region), instruction manual (basic guide), batteries for remote control (R03/LR03/AAA type x 2), computer cable x 1			
		Interactive Light Pen x 2, batteries for pen (R03/LR03/AAA type x 4), USB cable (4.5 m) x 1	—		
Applicable software		Multi Monitoring & Control Software, Presenter Light Software (for Windows®), Wireless Projector, Lightpen3, Whiteboard Software (for Windows®)	Multi Monitoring & Control Software, Presenter Light Software (for Windows®), Wireless Projector		

Optional accessories

Ceiling Mount Bracket for High Ceilings
ET-**PKL100H**

Ceiling Mount Bracket for Low Ceilings
ET-**PKL100S**

Projector Mount Bracket
ET-**PKL430B**

Replacement Filter Unit*
ET-**RFL300**
* Filter cover not included.

Replacement Lamp Unit
ET-**LAL510**

Interactive Light Pen*
ET-**PEN100**
* Exclusively for PT-TW371R. Same as supplied Interactive Light Pen.

Interactive Pointer*
ET-**PNT100**
* Exclusively for PT-TW371R

Wireless Module
ET-**WML100**
ET-WML100E shown.

D-sub/S-VIDEO Conversion Cable
ET-**ADSV**

Dimensions
Unit: mm (inches)

335 (13-3/16)   329 (12-15/16)   134.1 (5-9/32)

*1 Lamp replacement cycle stated is maximum value, at which time brightness will have decreased to 50 %. Usage environment affects lamp replacement cycle. *2 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. *3 When Standby mode is set to Eco, network functions such as power on over LAN will not operate. Also, only certain commands can be received for external control using the serial terminal. *4 Average value. May differ depending on the actual unit.

Projection distance
Unit: feet (meters)

PT-TW371R/TW370 (16:10 aspect ratio; throw ratio 0.46:1)

Diagonal image size	Projection distance (L)	Height from the edge of screen to center of lens (H)
50″ [1.27]	1.57 [0.48]	0.36 [0.11]
60″ [1.52]	1.94 [0.59]	0.43 [0.13]
70″ [1.78]	2.26 [0.69]	0.49 [0.15]
80″ [2.03]	2.62 [0.80]	0.56 [0.17]
90″ [2.29]	2.95 [0.90]	0.62 [0.19]
100″ [2.54]	3.28 [1.00]	0.72 [0.22]

PT-TX430/TX340 (4:3 aspect ratio; throw ratio 0.46:1)

Diagonal image size	Projection distance (L)	Height from the edge of screen to center of lens (H)
50″ [1.27]	1.51 [0.46]	0.13 [0.04]
60″ [1.52]	1.80 [0.55]	0.15 [0.05]
70″ [1.78]	2.13 [0.65]	0.18 [0.05]
80″ [2.03]	2.46 [0.75]	0.20 [0.06]
90″ [2.29]	2.79 [0.85]	0.23 [0.07]
100″ [2.54]	3.08 [0.94]	0.25 [0.08]

Upper edge of projected image
Screen
Lower edge of projected image

For more information about Panasonic projectors, please visit:
Projector Global Website – **panasonic.net/cns/projector**
Facebook – **www.facebook.com/panasonicprojectoranddisplay**
YouTube – **www.youtube.com/user/PanasonicProjector**

All information included here is valid as of December 2018.

PT-TW371RG1-B Printed in Japan.

Panasonic
BUSINESS

PT-**TW371R** Series
LCD Projectors

PT-**TW371R**
PT-**TW370**
PT-**TX430**
PT-**TX340**

High-Efficiency Lamp Extends Short-Throw Performance for Less

PRESENTATION

Worldwide Olympic Partner
Worldwide Paralympic Partner

Better Quality, Features, and Value

PT-TW371R Series

PT-**TW371R**	WXGA	3,300 lm
PT-**TW370**	WXGA	3,300 lm
PT-**TX430**	XGA	3,800 lm
PT-**TX340**	XGA	3,200 lm

Note: A built-in camera is featured on the PT-TW371R only.

Photo shows the PT-TW370. The PT-TW370/TX430/TX340 does not have a built-in camera.
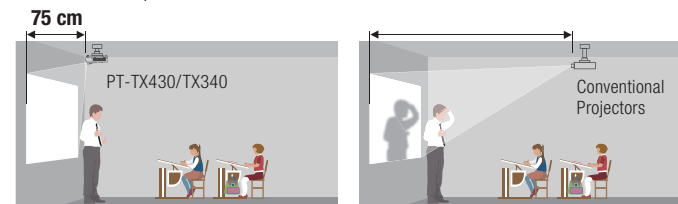
Photo shows the PT-TW371R with built-in camera.

Efficient Projection Extended with All-New 20,000-hour*¹ Lamp

Long-life Lamp Reduces Cost
Breakthrough technology extends lamp replacement to 20,000 hours*¹. Longer lamp-life is achieved by reducing degradation and by improving cooling capabilities. Enjoy bright picture quality, low TCO, and less downtime for maintenance.

Bright, Easy-to-See Pictures
Impressively bright 3,800 lm*³ 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.

Present Clearly and Comfortably
Audiences immerse in a large 80-inch image from a projection distance of just 75 cm (2.46 ft.)*². Thanks to the short-throw design, the presenter is less likely to cast a shadow across the screen, giving the audience a clear view of the image. Short-throw projection is also ideal for classrooms and seminar spaces where throw-distances are limited.
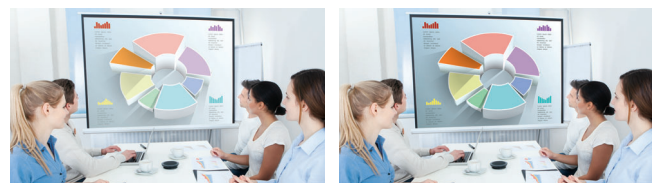
Comfortable Images in Bright Light
Daylight View Lite optimizes color and brightness according to ambient lighting levels. This function is easily accessed using the supplied remote control.

75 cm

PT-TX430/TX340

Conventional Projectors

PT-TW371R/TW370: projection distance of 80 cm

Without Daylight View Lite

With Daylight View Lite

Simple Setup and Smooth Daily Operation

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

Curved Screen Correction
Barrel and pincushion distortions can easily be 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.

Quiet Operation Minimizes Distraction in Class and Meetings
The PT-TW371R Series operates at a quiet 30 dB*⁴, allowing your students, colleagues, or clients to concentrate on your presentation without distraction.

Easy Lamp and Filter Access
Lamp and filter are easily accessible via panels on the top and side of the projector. Periodic maintenance takes just a few minutes with the unit attached to a ceiling-mount bracket.

Project Wirelessly*⁵ or Plug and Play

Project Wirelessly*⁵ with Optional Module
Optional ET-WML100 Wireless Module lets presenters share media from PC or mobile wirelessly to the big screen using Presenter Light software for Windows® or Wireless Projector app for iOS and Android™ devices*⁶.

WIRELESS

Presenter Light 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

Note: Audio playback may be disrupted or become noisy while images and sound are being transmitted. Should this occur, navigate to [Audio settings] and check [No] against the [Allow audio capture] option.

4-Window Multi Style

Wireless Projector for iOS/Android™
Dedicated apps for iOS and Android devices feature simple 3-step initial connection and support the transmission of still images and PDF data.
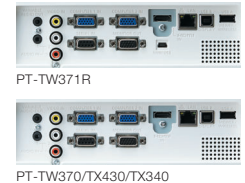
Memory Viewer Light
Insert a USB memory device into the USB port and start projecting stored content straight away without need of a connected PC.

HDMI® and PC inputs
Transmit Full HD video and graphics via HDMI terminal, or one of the two D-sub HD terminals. A PC Monitor Output terminal is also included.

Note: Full HD signals will be converted to projector's maximum supported resolution on projection.

PT-TW371R

PT-TW370/TX430/TX340

Other Handy Features
- Built-in closed caption decoder • Direct Power Off • Configurable start-up logo
- PJLink™ compatibility **PJLink** • Built-in 10 W speaker
- USB Display Function projects media over USB cable
- 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

Write and Draw On Projected Images `PT-TW371R only`

Communicate effectively by notating directly onto images using Interactive Pen/Pointer*⁷. 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
- **Automatic Calibration**
  Auto calibration gets you started faster, or if desired, you can perform setup manually by touching four corners with the Pen/Pointer*⁷.
- **Better Performance**
  A faster refresh rate lets you write with the smoothness of a real marker.
- **Dual Pen Support*⁸**
  Dual Pen Mode (half- or full-screen modes) lets two presenters write at the same time, a convenient timesaving feature.

Half Screen Mode
Screen is divided vertically with individual color and line-width selection for both sections.

Full Screen Mode
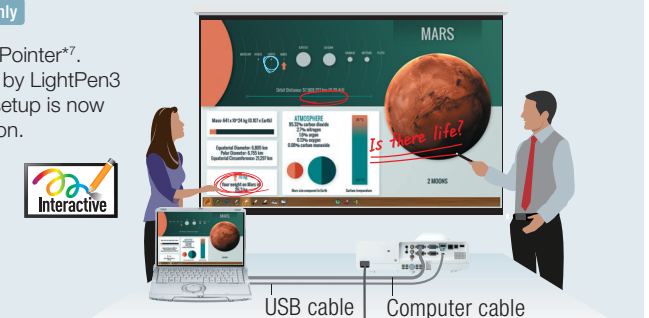Color and line-width of both pens is the same for the entire screen surface.

Two Interactive Pens Included
Lightly touch the included pen across the projection surface to write.

USB cable   Computer cable

Whiteboard Software*⁹ Extends Your Capabilities
Need more functions? Interactive capabilities expand with optional Whiteboard Software for Windows®*⁹. This original software (also supported on Panasonic Touch Screen LCDs) supports interactive-ready Panasonic projectors and professional displays and offers powerful graphical communication capabilities via a connected Windows® PC.

Visit https://panasonic.net/cns/projector/ for more information.