

Short-throw interactive projector

PT-TW381R

Designed for education and corporate environments. LCD, 3 300 lumens, WXGA interactive projector.



KEY FEATURES

- LCD, 3300 lumens, WXGA
- Short-throw projector with interactive functionality to write on the projected image with an interactive pen/pointer
- 20 000 hours lamp replacement cycle in Eco mode
- Projects 80 inch screen from a distance of only 80cm
- 16 000: 1 contrast ratio

Short-throw interactive projector. 20 000 hours lamp replacement cycle

	PT-TW381R	PT-TW380	PT-TX440	PT-TX350
Brightness	3.300 lumens	3.300 lumens	3.800 lumens	3.200 lumens
Resolution	WXGA	WXGA	XGA	XGA
Contrast Ratio	16.000:1	16.000:1	16.000:1	16.000:1

Interactive Functions Let You Write on a Projected Image

You can write or draw figures on the projected image with the Interactive Pen/Pointer.* 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.

* Interactive Pointer available as an option, ** Available for Windows® operating system.

Benefits of the interactive functions

- You can write notes and point out information on the screen with the interactive pen/pointer
- During presentations, you can operate the computer by using the interactive pen/pointer on the projected surface
- No need for dedicated interactive whiteboards
- You can instantly store the decisions made during meetings and share them with others

Whiteboard Software* Extends Your Capabilities

In addition to LightPen software, you can use Panasonic's dedicated Whiteboard software for Windows.* Whiteboard software* is compatible with Panasonic's interactive-ready projectors and professional displays**, and lets you use the interactive function.

A maximum 20,000 hour^{*1} lamp replacement cycle and 10,000 hour^{*2} air filter replacement cycle

The PT-TW381R Series has a maximum lamp replacement cycle of 20,000 hours.^{*1} The air filter also has a replacement cycle of 10,000 hours.^{*2} This reduces maintenance hassles for long periods of use, and helps to lower maintenance costs and reduce environmental impact.

Lamp Control	Replacement cycle of lamp and air filter
Eco	20,000 hours
Normal	10,000 hours

SPECIFICATIONS

Dimensions (W x H x D)	335 x 134.1*4 x 329 mm (13 3/16" x 5 9/32"*4 x 12 15/16")
Power Consumption	300 W
Lens	Fixed zoom, manual focus lens, F = 1.8, f = 6.08 mm, throw ratio: 0.46:1 (Projection distance: 0.80 m [2.62 ft] for 80-inch image)
Resolution	1280 x 800 pixels
Operating Environment	Operating temperature*6 : 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)
Keystone Correction Range	Vertical: ±15 ° (Auto, Manual), Horizontal: ±15 ° (Manual)
Installation	Ceiling/desk, front/rear
Applicable Software	Multi Monitoring & Control Software, Early Warning Software, Logo Transfer Software, Presenter Light Software (for Windows®)*7, Wireless Projector for iOS/Android™*8, LightPen3 Software for Windows/Mac, Whiteboard Software (for Windows)
Contrast Ratio*1	20,000:1 (All white/all black, Iris: On, Image mode: Dynamic, Daylight View: Off, Lamp control: Normal)
Power Supply	AC 100–240 V, 50/60 Hz
Light Source	230 W x 1 lamp
Terminals LAN	RJ-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink™ (Class 2) compatible
Light output	3,300 lm
Operation noise*1	Normal: 38 dB, Eco: 35 dB, Quiet: 30 dB
Projector type	LCD projector
Screen size [diagonal]	1.27–2.54 m (50–100 in), 16:10 aspect ratio
Center-to-corner zone ratio*1	85 %
Note	*1 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped. *2 Lamp replacement cycle stated is maximum value, at which time brightness will have decreased to 50 %. Usage environment affects lamp replacement cycle. *3 ET-WML100 Series and AJ-WM50 Series devices are both compatible with all projectors in this series, and either can be used to enable the wireless network function. *4 With legs at shortest position. *5 Average value. May differ depending on the actual unit. *6 When [LAMP POWER] is set to [NORMAL]

	and the projector is operated at an elevation of 1,400 m (4,593 ft) or less, if the ambient temperature exceeds 35 °C (95 °F), [LAMP POWER] will be switched to [ECO] automatically to protect the projector. When [LAMP POWER] is set to [NORMAL] and the projector is operated at an elevation between 1,400 m (4,593 ft) and 2,700 m (8,858 ft), if the ambient temperature exceeds 30 °C (86 °F), [LAMP POWER] will be switched to [ECO] automatically to protect the projector. *7 When using Presenter Light Software, images are projected with 1280 x 800 dots or 1024 x 768 dots onto the screen. Also, your PC display resolution may be forcibly changed, and audio playback disrupted or become noisy, while images and sound are being transmitted. *8 When using the Wireless Projector app, display resolution differs depending on your iOS/Android™ device and the display device. The maximum supported display resolution is WXGA (1280 x 800).
Terminals Computer 1 In	D-sub HD 15-pin (female) x 1 [RGB/YPBPR/YC]
Terminals Video In	Pin jack x 1
Terminals Audio In 1	M3 (L,R) x 1
Terminals Serial In	D-sub 9-pin (female) x 1 for external control (RS-232C compatible)
Terminals Audio Out	M3 (L,R) x 1 (Variable)
Terminals Computer 2 In/1 Out	D-sub HD 15-pin (female) x 1 [RGB/YPBPR] (Input/output switching)
LCD Panel Panel Size	15.0 mm (0.59 in) diagonal (16:10 aspect ratio)
LCD Panel Number of pixels	1,024,000 (1280 x 800 pixels) x 3
Built in Speaker	10 W monaural
Terminals Audio In 2	Pin jack x 2 (L,R)
Filter Replacement Cycle	Normal: 5,000 h/Eco: 6,000 h/Quiet: 10,000 h
Lamp replacement cycle*2	Normal: 10,000 h/Eco: 20,000 h/Quiet: 10,000 h
Terminals USB	USB Type-A (for Memory Viewer/Wireless Module [ET-WML100/AJ-WM50 series*3]/Power supply [DC 5 V/2 A])
Terminals Mini USB	x 1 (Mini-USB connector for interactive function)
Terminals HDMI In 1/HDMI In 2	HDMI 19-pin x 2 (Compatible with HDCP 1.4, Deep Color), Audio signal: Linear PCM (Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)
Weight*5	Approx. 3.9 kg (8.6 lbs)

URL: <https://business.panasonic.co.uk/visual-system/pt-tw381r>

CONTACT

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