Short-throw projector for high impact presentations

PT-TW380

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

KEY FEATURES

- LCD, 3300 lumens, WXGA
- 20 000 hours lamp replacement cycle in Eco mode
- Projects 80 inch screen from a distance of only 80cm

- Wireless projection capability (optional)
- 16 000: 1 contrast ratio

Short-throw projector for high impact presentations. Designed for education and corporate environments

	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

A maximum 20.000 hour [*1] lamp replacement cycle and 10.000 hour [*2] air filter replacement cycle

The PT-TW371R 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	Replacment cycle of lamp
Eco	20.000 hours
Normal	10.000 hours

SPECIFICATIONS

Projector type	LCD projector
**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
Light Source	230 W x 1 lamp
Light output	3,300 lm
Lamp replacement cycle*2	Normal: 10,000 h/Eco: 20,000 h/Quiet: 10,000 h
Filter Replacement Cycle	Normal: 5,000 h/Eco: 6,000 h/Quiet: 10,000 h
Resolution	1280 x 800 pixels
Contrast Ratio*1	20,000:1 (All white/all black, Iris: On, Image mode: Dynamic, Daylight View: Off, Lamp control: Normal)
Screen size [diagonal]	1.27–2.54 m (50–100 in), 16:10 aspect ratio
Center-to-corner zone ratio*1	85 %
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)
Keystone Correction Range	Vertical: ±15 ° (Auto, Manual), Horizontal: ±15 ° (Manual)
Installation	Ceiling/desk, front/rear
**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)
**Terminals	Computer 1 In**	D-sub HD 15-pin (female) x 1 [RGB/YPBPR/YC]
**Terminals	Computer 2 In/1 Out**	D-sub HD 15-pin (female) x 1 [RGB/YPBPR] (Input/output switching)
**Terminals	Video In**	Pin jack x 1
**Terminals	Audio In 1**	M3 (L,R) x 1
**Terminals	Audio In 2**	Pin jack x 2 (L,R)
**Terminals	Audio Out**	M3 (L,R) x 1 (Variable)
**Terminals	LAN**	RJ-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink™ (Class 2) compatible
**Terminals	Serial In**	D-sub 9-pin (female) x 1 for external control (RS-232C compatible)
**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)
Power Supply	AC 100–240 V, 50/60 Hz
Power Consumption	300 W
Built in Speaker	10 W monaural
Operation noise*1	Normal: 38 dB, Eco: 35 dB, Quiet: 30 dB
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″)
Weight*5	Approx. 3.9 kg (8.6 lbs)
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)
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)

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).

URL: https://business.panasonic.co.uk/visual-system/PT-TW380

CONTACT

Web: https://business.panasonic.co.uk/visual-system/contact-us