Panasonic
CONNECT

PT-TMZ400 Series
LCD Projectors

AVAILABLE FROM SEPTEMBER 2022

Note: Release date and model availability varies by country or region.

Step Out of the Shadows with Panasonic's New WUXGA[1] Short-Throw Projector Series

[Preliminary Specification] PT-TMZ400 Series Short-Throw LCD Laser Projectors		
	PT-TMZ400	**PT-TMW380**	**PT-TMX380**
Light Output	4,000 lm	3,800 lm	
Resolution	WUXGA (1920 x 1200 pixels)	WXGA (1280 x 800 pixels)	XGA (1024 x 768 pixels)

• *Project Large WUXGA[1] Images Without Shadows*

Revitalize communication with big, bright, shadow-free images that are clearly visible even in well-lit rooms. With up to 4,000 lm[4] of SOLID SHINE Laser brightness, 3,000,000:1[5] dynamic contrast, and WUXGA[1] resolution, text is smooth, sharp, and easy to read.

• *Reliable Long-Term Operation with Minimal Maintenance*

With power consumption of just 280 W (TBD), SOLID SHINE Laser extends light-source replacement to 20,000 hours[6], eliminates chance of lamp failure, and maintains consistent brightness. Together with ECO Filter, which doesn't need replacement until 15,000 hours[7] (TBD), our laser technology reduces waste, cost, and labor.

• *A Compact and Flexible Design That's So Easy to Use*

Light 5.5 kg (12.13 lbs) (TBD) body is easy to carry while the short-throw lens enables 80-inch image projection from just 83 cm[8] (32.68 inches). Start work instantly with Quick Startup displaying an image from standby in one second[9]. CEC command-compatible[10] HDMI® links projector control with the source device for operation with a single remote, and 4K signals[2] are supported. Share content wirelessly[3] or power optional Wireless Presentation System PressIT[11] via 5 V / 2 A USB port.

Specifications (Tentative)

Model		PT-TMZ400	PT-TMW380	PT-TMX380
Projector type		LCD projectors		
LCD panel	Size	16.3 mm (0.64 in) diagonal (16:10 aspect ratio)		16.0 mm (0.63 in) diagonal (4:3 aspect ratio)
	Display system	Transparent LCD panel (x 3, R/G/B)		
	Drive method	Active matrix		
	Pixels	2,304,000 (1920 x 1200) pixels	1,024,000 (1280 x 800) pixels	786,432 (1024 x 768) pixels
Light source		Laser diodes		
Light output [1, 2]		4,000 lm	3,800 lm	
Time until light output declines to 50 % [3]		20,000 hours (NORMAL/QUIET)/24,000 hours (ECO)		
Resolution		WUXGA (1920 x 1200 pixels)	WXGA (1280 x 800 pixels)	XGA (1024 x 768 pixels)
Contrast ratio [1]		3,000,000:1 (Full On/Full Off) (When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1].)		
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 zone ratio [1]		85 %		
Lens		Fixed zoom, manual focus lens, F = 1.8, f = 6.08 mm, throw ratio: 0.47:1 (Projection distance: 0.83 m [2.72 ft] for 80-inch image)		Fixed zoom, manual focus lens, F = 1.8, f = 6.08 mm, throw ratio: 0.46:1 (Projection distance: 0.94 m [3.08 ft] for 80-inch image)
Digital Zoom Extender [4]		Throw ratio: 0.47–0.59:1 [5] (Corresponding value) (TBD)		Throw ratio: 0.46–0.58:1 [5] (Corresponding value) (TBD)
Keystone correction range		Vertical: ±15 ° (Auto, Manual), Horizontal: ±15 ° (Manual)		
Installation		Ceiling/floor, front/rear, free 360-degree installation		
Terminals	HDMI 1/2 IN	HDMI 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p [6] signal input), CEC supported [7]		
	COMPUTER 1 IN	D-sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR)		
	COMPUTER 2 IN	D-sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR)		
	AUDIO 1/2 IN	M3 stereo mini-jack x 2		
	VARIABLE AUDIO OUT	M3 stereo mini-jack x 1		
	SERIAL IN	D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)		
	LAN	RJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PJLink™ [Class 2]		
	USB (VIEWER/ WIRELESS/DC OUT)	USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless Module, power supply (DC 5 V, maximum 2 A [8])		
Power supply		AC 100 V–240 V, 50/60 Hz		
Power consumption [9]	Maximum power consumption	280 W (TBD)		
	On-mode power consumption (Light Power)	[NORMAL] 250 W (TBD), [ECO] 200 W (TBD), [QUIET] 195 W (TBD)		
Built-in speaker		10 W monaural		
Cabinet materials		Molded plastic		
Filter [10]		Included (Estimated maintenance time: approx. 15,000 hours) (TBD)		
Operation noise [1]		36 dB (NORMAL/ECO) (TBD), 26 dB (QUIET) (TBD)		
Dimensions (W x H x D)		349 mm x 138 mm x 370 mm (13 $\frac{3}{4}$″ x 5 $\frac{7}{16}$″ x 14 $\frac{9}{16}$″) (with feet at shortest position) (TBD)		
Weight with supplied lens [11]		Approx. 5.5 kg (12.13 lbs) (TBD)		
Operating environment		Operating temperature: 0–45 °C (32–113 °F) [12], Operating humidity: 20–80 % (no condensation)		
Applicable software		Multi Monitoring & Control Software, Logo Transfer Software, Presenter Light Software for Windows® [13], Wireless Projector App for iOS/Android™ [14]		

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 When [PICTURE MODE] is set to [DYNAMIC], [LIGHT POWER] is set to [NORMAL], [DAYLIGHT VIEW] is set to [OFF], and [AUTO POWER SAVE] is set to [OFF]. 3 Around this time, light output will have decreased to approximately 50 % of its original level ([PICTURE MODE]: [DYNAMIC], [DYNAMIC CONTRAST] set to [2], temperature 30 ℃ (86 ℉), elevation 700 m (2,297 ft) with 0.15 mg/m³ of particulate matter). Estimated time until light output declines to 50 % varies depending on environment. 4 Resolution decreases when using this function. V/H Keystone Correction and curved-screen correction are not available when using this function, and range of corner adjustment is limited. 5 When Digital Zoom Extender is set to 80 %. 6 4K signals are converted to the projector's resolution upon projection. 7 Depending on the connected CEC command-compatible device, the link control may not operate normally. 8 On standby, power supply is available with Quick Startup set to ON or Power Management set to Ready. 9 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. On-mode power consumption measured at 25 ℃ (77 ℉) operating temperature at an altitude of 700 m (2,297 ft). 10 Filter cleaning cycle varies depending on environment. Filter can be washed and reused up to two times. Filter cleaning cycle: 15,000 hours (TBD, under dust conditions of 0.08 mg/m³), 7,500 hours (TBD, under dust conditions of 0.15 mg/m³). 11 Average value. May differ depending on the actual unit. 12 Light output is limited at operating temperatures higher than 30 ℃ (86 ℃), and projectors cannot be operated at altitudes higher than 2,700 m (8,858 ft) above sea level. When optional AJ-WM50 Series Wireless Module is attached, operating temperature range becomes 0–40 ℃ (32–104 ℉). 13 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. 14 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).

Optional Accessories

- **Ceiling Mount Bracket**
  ET-PKL100H (for high ceilings) / ET-PKL100S (for low ceilings)
  Note: ET-PKL100H/PKL100S used in combination with ET-PKL430B (sold separately).
- **Projector Mount Bracket**
  ET-PKL430B

- **Replacement Filter Unit**
  ET-RFL400
- **Wireless Module**
  AJ-WM50 Series
  Note: product availability may vary by country or region. The suffix at the end of the model number is omitted. Operating Temperature: 0–40 ℃ (32–104 ℉).

- **Early Warning Software**
  ET-SWA100 Series
  Note: part number suffix may differ depending on the license type.
- **Wireless Presentation System PressIT**
  TY-WPS1 (basic set)
  Note: visit https://panasonic.net/cns/prodisplays/pressit/ for more information.

Panasonic CONNECT

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

Note: Following the shift of the Panasonic Group to a holding company system, the Connected Solutions Company of the Panasonic Corporation has changed to Panasonic Connect Co., Ltd. as of April 1, 2022.

All information included here is valid as of April 2022.

PT-TMZ400PRE3 Printed in Japan.