



Step Out of the Shadows with Flexible WUXGA Short-Throw Laser Projection

PT-TMZ400

Key Features

Project Anywhere Instantly from Short Distances

Efficient Reliability with Minimal Maintenance

Crisp, Sharp Images and Text at WUXGA



PT-TMZ400

https://ap.connect.panasonic.com/id/ /en/products/projectors/pt-tmz400

Projector type	LCD projectors
Display method	Transparent LCD panel (x 3, R/G/B)
Display Device -> Panel size	16.3 mm (0.64 in) diagonal (16:10 aspect ratio)
Display Device -> Drive method	Active matrix method
Display Device -> Number of pixels	2,304,000 (1920 x 1200) pixels
Light source	Laser diodes
Light output *1 *2 *3	4,000 lm
Light output (ANSI) *4	4,000 lm
Time until light output declines to 50 9	%20,000 hours [NORMAL]
-> NORMAL *6	V2.4.000 L FFG01
Time until light output declines to 50 ⁹ -> ECO *6	
Time until light output declines to 50 ⁹ -> QUIET ^{*6}	%20,000 hours [QUIET]
Resolution	WUXGA (1920 x 1200 pixels)
Contrast Ratio (typ.) *3	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)	1.27–2.67 m (50–105 in), 16:10 aspect ratio
Center-to-corner zone ratio *3	85%
Lens	Fixed zoom, manual focus lens, F = 1.8, f = 6.08 mm,throw ratio: 0.43:1 (Projection distance: 0.73 m [2.40 ft] for 80-inch image)
Digital Zoom Extender *5	Throw ratio: 0.43–0.54*5 :1 (Corresponding value)
Keystone correction range	Vertical: ±15 ° (Auto, Manual),
	Horizontal: ±15 ° (Manual)
Installation	Ceiling/floor, front/rear, free 360-degree installation
Terminals -> HDMI [™] IN	HDMI TM 19-pin x 2 (Compatible with HDCP 1.4, Deep Color, 4K/30p*6 signal input), CEC supported*7
Terminals -> COMPUTER IN (D-SUB 15 pin)	D-sub 15-pin (female) x 1 (RGB/YP _B P _R /YC _B C _R)
Terminals -> AUDIO IN(M3 Stereo Mini Jack)	M3 stereo mini-jack x 2
Terminals -> AUDIO OUT(M3 Stereo Mini Jack)	M3 stereo mini-jack x 1
Terminals -> SERIAL IN	D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)
Terminals -> LAN	RJ-45 x 1 for network control, 10Base-T, 100Base-TX
Terminals -> USB TYPE A	USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series Wireles
	Module,power supply (DC 5 V, maximum 2 A*8)
Protocol versions	IPv4, IPv6*9
Power supply	AC 100 V-240 V, 50/60 Hz
Maximum power consumption *9	240 W
On-mode power consumption(Operating mode) -> Normal *9	[NORMAL]215 W (100-240 V), 205 W (200-240 V)
On-mode power	[ECO]165 W (100-240 V), 160 W (200-240 V)
consumption(Operating mode) -> Eco *9	
On-mode power consumption(Operating mode) -> Quiet *9	[QUIET]160 W (100-240 V), 155 W (200-240 V)
Built-in speaker	10 W monaural
Cabinet materials	Molded plastic
Filter	Included
Estimated filter maintenance cycle	Approx. 20,000 hours
Operation noise -> Normal *3	35 dB [NORMAL]
Operation noise -> Eco *3	35 dB [ECO]
Operation noise -> Quiet *3	24 dB [QUIET]
Dimensions (W x H x D)	349 mm x 138 mm x 370 mm (13 3/4" x 5 7/16" x 14 9/16") (with feet at shortest position)
Dimensions -> Width (including protruding parts)	349 mm (13 3/4")
Dimensions -> Height (including	138 mm (5 7/16")
protruding parts)	
protruding parts) Dimensions -> Depth (including lens)	370 mm (14 9/16")
	370 mm (14 9/16") 4.9 kg (10.8 lbs)
Dimensions -> Depth (including lens) Weight *10	4.9 kg (10.8 lbs)
Dimensions -> Depth (including lens) Weight *10 Operating environment -> Operating temperature *11 Operating Environment -> Operating	4.9 kg (10.8 lbs) 0–45 °C (32–113 °F)
Dimensions -> Depth (including lens) Weight *10 Operating environment -> Operating temperature *11	4.9 kg (10.8 lbs) 0-45 °C (32-113 °F) 20-80 % (no condensation) Multi Monitoring & Control Software, Projector Network Setup Software, Logo Transfer Software, Presenter Light Software for Windows®*14, Wireless Projector App for
Dimensions -> Depth (including lens) Weight *10 Operating environment -> Operating temperature *11 Operating Environment -> Operating humidity (No condensation)	4.9 kg (10.8 lbs) 0-45 °C (32-113 °F) 20-80 % (no condensation) Multi Monitoring & Control Software, Projector Network Setup Software, Logo Transfer

Footnote Description

- 1. 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].
- Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped.
- Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped.
- 4. 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 °C [86 °F], 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.
- 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.
- 6. When Digital Zoom Extender is set to 80 %.
- 7. 4K signals are converted to the projector's resolution upon projection.
- 8. Depending on the connected CEC command-compatible device, the link control may not operate normally.
- 9. On standby, power supply is available with Quick Startup set to ON or Power Management set to Ready.
- Main projector firmware must be Ver. 2.00 or later. The optional AJ-WM50 Series Wireless Module does not support IPv6.
- 11. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. On-mode power consumption measured at 25 °C (77 °F) operating temperature at an altitude of 700 m (2,297 ft).
- 12. Filter cleaning cycle varies depending on environment. Filter can be washed and reused up to two times. Filter cleaning cycle: 20,000 hours (under dust conditions of 0.08 mg/m3), 10,000 hours (under dust conditions of 0.15 mg/m3).
- 13. Average value. May differ depending on the actual unit.
- 14. Light output is limited at operating temperatures higher than 30 °C (86 °F), 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 °C (32–104 °F).
- 15. 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.
- 16. 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).