



Reduce Shadows, Enhance Flexibility with Eco-Friendly Short-Throw Projection

PT-VMZ7ST

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Key Features

Stress-free Installation Adapts to Various Layouts

Clear Projection in Bright Spaces

Eco-Friendly Design



PT-VMZ7ST

https://latam.connect.panasonic.com/co/en/products/projectors/pt-vmz7st

Projector type	LCD projectors
Display method	Transparent LCD panel (x 3, R/G/B)
Display Device -> Panel size	0.64 inch (16:10 aspect ratio)
Display Device -> Number of pixels	2,304,000 (1920 x 1200) pixels x 3
Light source	Laser diodes
Light output *1	VMZ7ST: 7,000 lm*2
9	VMZ6ST: 6,200 lm*2
Light output (ANSI)	VMZ7ST: 7,000 lm (ANSI)*3
	VMZ6ST: 6,200 lm (ANSI)*3
Time until light output declines to 50 %	%20,000 hours [NORMAL]
-> NORMAL *4 Time until light output declines to 50 % -> ECO *4	%24,000 hours [ECO]
-> ECO . Time until light output declines to 50 %	620 000 bours [OHIED
-> OUIET *4	NZZO,000 HOUIS [QOILT]
Resolution	WUXGA (1920 x 1200 pixels)
Contrast Ratio (typ.) *2	5,000,000:1 (Full On/Full O) (When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1].)
Screen size (diagonal)	1.77-7.62 m (70-300 in), 16:10 aspect ratio
Center-to-corner zone ratio *2	85 %
Lens	1.2x manual zoom (throw ratio: 0.797–1.01:1), powered focus, F 1.53–1.66, f 11.3–14.2 mm
Digital Zoom Extender *5	Throw Ratio 0.797–1.27:1 ^{*6} (Corresponding value. When used together with optical zoom.)
Lens shift -> Vertical(from center of	+50 %
screen) Lens shift -> Horizontal(from center	±20 %
of screen)	120 //
Keystone correction range	Vertical ±25 %, Horizontal ±35 %
Terminals -> HDMI [™] IN	HDMI TM 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p ^{*7} signal input), CEC
	supported*8
Terminals -> COMPUTER IN (D-SUB 15pin)	D-sub 15-pin (female) (RGB/YP _B P _R /YC _B C _R)
Terminals -> AUDIO IN(M3 Stereo Mini Jack)	M3 stereo mini-jack x 1
Terminals -> AUDIO OUT(M3 Stereo	M3 stereo mini-jack x 1
Mini Jack)	,
Terminals -> SERIAL IN	D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)
Terminals -> DIGITAL LINK IN / LAN	RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control)
	(HDBaseT TM compliant), 100Base-TX (Compatible with PJLink TM [Class 2], HDCP, Deep Color, 4K/30p ^{*7} signal input;
Terminals -> LAN	RJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PJLink TM [Class 2]
Terminals -> USB TYPE A	USB Connector Type A x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless
Terminals -> USB TTPLA	Module, power supply (DC 5 V, maximum 2 A ^{*9})
Protocol versions	IPv4, IPv6*10
Power supply	AC 100 –240 V, 50/60 Hz
Maximum power consumption *11	345 W (3.6 A) (350 VA) (Power consumption is 335 W at 200–240 V)
On-mode power	310 W (100–240 V), 295 W (200–240 V) [NORMAL]
consumption(Operating mode) ->	310 W (100-240 V), 293 W (200-240 V)[NONWIAL]
Normal *11	
On-mode power	235 W (100-240 V), 225 W (200-240 V) [ECO]
consumption(Operating mode) -> Eco *11	
On-mode power	270 W (100-240 V), 260 W (200-240 V) [QUIET1]
consumption(Operating mode) ->	230 W (100-240 V), 220 W (200-240 V) [QUIET2]
Quiet *11	
Built-in speaker	10 W monaural
Cabinet materials	Molded plastic
Filter	Included
Estimated filter maintenance cycle *1	
Operation noise -> Normal *2	37 dB [NORMAL]
Operation noise -> Eco *2	37 dB [NORMAL]
Operation noise -> Quiet *2	32 dB [QUIET1] 27 dB [QUIET2]
Dimensions (W x H x D)	414 x 120 x 424 mm (16 5/16" x 4 23/32" x 16 11/16") (not including protruding parts) 414 x 167 x 424 mm (16 5/16" x 6 9/16" x 16 11/16") (with feet at shortest position)
Weight * ¹³	Approx. 8.4 kg (18.52 lbs)
Operating environment -> Operating	
temperature	
Operating Environment -> Operating humidity (No condensation)	20–80 % (no condensation)
Applicable software	Multi Monitoring & Control Software, Projector Network Setup Software, Presenter Light Software for Windows@ ^{*16} , Wireless Projector App for iOS/Android ^{TM*17}

Footnote Description

- 1. When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL].
- 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]). Estimated time until light output declines to 50 % varies depending on environment.
- Resolution decreases when using Digital Zoom Extender. Grid Correction, 6-Point Screen Correction, V/H Keystone Correction, and curved-screen correction are not available when using this function.
- 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.
- On standby, power supply is available with Quick Startup set to ON or Power Management set to Ready.
- 10. 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).
- Filter cleaning cycle varies depending on the environment. The 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 $^{\circ}$ C (86 $^{\circ}$ F), and projectors cannot be operated at altitudes higher than 2,700 m (8,858 ft) above sea level.
- 15. When the optional AJ-WM50 Series Wireless Module is attached, the operating temperature range becomes 0–40 °C (32–104 °F).
- 16. 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.
- When using the Wireless Projector app, display resolution disers depending on your iOS/AndroidTM device and the display device. The maximum supported display resolution is WXGA (1280 x 800).