Panasonic



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

PT-VMZ7ST

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

Key Features

- Stress-free Installation Adapts to Various Layouts
- Clear Projection in Bright Spaces
- Eco-Friendly Design

MEViX

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https://ap.pnd.panasonic.com/sg/en/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 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 % -> NORMAL *4	20,000 hours [NORMAL]
Time until light output declines to 50 % -> ECO *4	24,000 hours [ECO]
Time until light output declines to 50 % -> QUIET *4	20,000 hours [QUIET]
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 screen)	+50 %
Lens shift -> Horizontal(from center of screen)	±20 %
Keystone correction range	Vertical ±25° , Horizontal ±35°
Terminals -> HDMI™ IN	HDMI™ 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p*8 signal input), CEC supported*9
Terminals -> COMPUTER IN (D-SUB 15pin)	D-sub 15-pin (female) (RGB/YP_BP_R/YC_BC_R)
Terminals -> AUDIO IN(M3 Stereo Mini Jack)	M3 stereo mini-jack x 1
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 -> DIGITAL LINK IN / LAN	RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseT™ compliant), 100Base-TX (Compatible with PJLink™ [Class 2], HDCP, Deep Color, 4K/30p*8 signal input)
Terminals -> LAN	RJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PJLink™ [Class 2]
Terminals -> USB TYPE A	USB Connector Type A x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless 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 consumption(Operating mode) -> Normal *11	310 W (100–240 V), 295 W (200–240 V) [NORMAL]
On-mode power consumption(Operating mode) -> Eco *11	235 W (100–240 V), 225 W (200–240 V) [ECO]
On-mode power consumption(Operating mode) -> Quiet *11	270 W (100–240 V), 260 W (200–240 V) [QUIET1] 230 W (100–240 V), 220 W (200–240 V) [QUIET2]
Built-in speaker	10 W monaural
Cabinet materials	Molded plastic
Filter	Included
Estimated filter maintenance cycle *12	Approx. 20,000 hours
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)	Approx.414 x 120 x 424 mm (16 5/16″ x 4 23/32″ x 16 11/16″) (not including protruding parts) Approx. 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	0–45 °C (32–113 °F)*14, *15
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™*17
Terminals -> SDI IN	–
Terminals -> DVI-D IN	–
Terminals -> DisplayPort™ IN	–
Body Colour	PT-VMZ7ST-WhitePT-VMZ7STEJ-WhitePT-VMZ7STJ-WhitePT-VMZ7STD8-WhitePT-VMZ7STB-BlackPT-VMZ7STBEJ-Black
Gross Dimensions (W x H x D in mm)	VMZ7ST/VMZ7STB/VMZ7STJ/VMZ7STD8: Approx. 542 x 265 x 532 mmVMZ7STEJ/VMZ7STBEJ: Approx. 550 x 281 x 541 mm
Gross Weight (Kg)	VMZ7ST/VMZ7STB: 12.3 kg (27.1 lbs)VMZ7STEJ/VMZ7STBEJ: 13.4 kg (29.6 lbs)VMZ7STJ: 11.5 kg (25.4 lbs)VMZ7STD8: 12.8 kg (28.3 lbs)
NFC	No
Active 3D	No
SDM	No
EAN	PT-VMZ7ST: 5025232969548 PT-VMZ7STEJ: 5025232969531 PT-VMZ7STB: 5025232969562 PT-VMZ7STBEJ: 5025232969555 PT-VMZ7STD8: 8887549898938
Footnote Description	1. When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL]. 2. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped. 3. 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. 5. 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. 9. 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). 12. 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 °C (86 °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. 17. When using the Wireless Projector app, display resolution di§ers depending on your iOS/Android™ device and the display device. The maximum supported display resolution is WXGA (1280 x 800).