Panasonic CONNECT



World’s Smallest and Lightest 8,000 lm*1 Projector Enhances Communication in Brightly Lit Spaces

PT-VMZ82

Introducing the VMZ82 Series: the world’s smallest and lightest projector in its class1, delivering up to 8,000 lm2 for crisp, vibrant visuals in well-lit spaces. These intuitive LCD projectors integrate seamlessly into any layout, minimizing distractions while simplifying installation with exclusive features. With a stylish body containing recycled plastic and engineered for efficient, low-maintenance operation, the VMZ82 Series revitalizes communication quality in offices, classrooms, and beyond.

Key Features

- Clear Projection Tailored to Your Space
- Stress-Free Installation Flexibility
- Efficient and Eco-Conscious Design

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https://ap.connect.panasonic.com/sg/en/pt-vmz82

Projector type	LCD projectors
Display method	Transparent LCD panel (x 3, R/G/B)
Display Device -> Panel size	16.3 mm (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	VMZ82 : 8,000 lm*2 VMZ72 : 7,200 lm*2 VMZ62 : 6,500 lm*2
Light output (ANSI)	VMZ82 : 8,000 lm (ANSI)*3 VMZ72 : 7,200 lm (ANSI)*3 VMZ62 : 6,500 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)	0.76–7.62 m (30–300 in), 16:10 aspect ratio
Center-to-corner zone ratio	85 %
Lens	1.6x manual zoom (throw ratio: 1.09–1.77:1), manual focus lens, F=1.58-1.91, f=15.30–24.60 mm
Digital Zoom Extender *5	Throw Ratio 1.09–2.21:1*6 (Corresponding value. When used together with optical zoom.)
Lens shift -> Vertical(from center of screen)	+44 %
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/YPBPR/YCBCR)
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*7 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	400 W (4.2 A) (405 VA) (Power consumption is 385 W at 200–240 V)
On-mode power consumption(Operating mode) -> Normal *11	365 W (100–240 V), 350 W (200–240 V) [NORMAL]
On-mode power consumption(Operating mode) -> Eco *11	260 W (100–240 V), 250 W (200–240 V) [ECO]
On-mode power consumption(Operating mode) -> Quiet *11	305 W (100–240 V), 295 W (200–240 V) [QUIET1] 255 W (100–240 V), 245 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	39 dB [NORMAL]
Operation noise -> Eco *2	39 dB [ECO]
Operation noise -> Quiet *2	34 dB [QUIET1] 29 dB [QUIET2]
Dimensions (W x H x D)	399 mm x 115 mm x 348 mm (15 23/32″ x 4 17/32″ x 13 11/16″) (not including protruding parts) 399 mm x 133 mm x 348 mm (15 23/32″ x 5 1/4″ x 13 11/16″) (with feet at shortest position)
Weight *13	Approx. 7.4 kg (16.3 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-VMZ82-WhitePT-VMZ82EJ-WhitePT-VMZ82B-BlackPT-VMZ82BEJ-BlackPT-VMZ82J-WhitePT-VMZ82D8-White
Gross Dimensions (W x H x D in mm)	VMZ82/VMZ82B/VMZ82J/VMZ82D8: Approx. 538 x 260 x 466 mm VMZ82EJ/VMZ82BEJ: Approx. 546 x 276 x 474 mm
Gross Weight (Kg)	VMZ82/VMZ82B: 11.0 kg (24.2 lbs)VMZ82J: 10.2 kg (22.5 lbs)VMZ82D8: 11.5 kg (25.4 lbs)VMZ82EJ/VMZ82BEJ: 12.0 kg (26.4 lbs)
NFC	No
Active 3D	No
SDM	No
EAN	PT-VMZ82: 5025232969845 PT-VMZ82EJ: 5025232969258 PT-VMZ82B: 5025232969272 PT-VMZ82BEJ: 5025232969265 PT-VMZ82D8: 8887549898907
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 li ght output declines to 50 % varies depending on environment. 5. Resolution decreases when using Digital Zoom Extender. Grid Adjustment, 6-Point Screen Correction, V/H Keystone Correction, and curved-screen correction are not available when using this function. The 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. 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/AndroidTM device and the display device. The maximum supported display resolution is WXGA (1280 x 800).