



PT-CMZ50

Laserprojektor liefert große Bilder aus extrem kurzen Entfernungen mit minimalem Schattenwurf, einfacher Installation und bequemer Einstellung

Key Features

Projizieren Sie große Bilder in Räume mit begrenztem Platz

Vereinfachte Installation, Einrichtung und Anpassung

Stressfreier täglicher Betrieb



PT-CMZ50

<https://eu.connect.panasonic.com/de/de/products/projectors/pt-cmz50>

Terminals Audio In	M3 stereo mini-jack x 1
Terminals Computer In	D-sub 15-pin (female) x 1 (RGB/YBPBR/YCBCR)
Terminals 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)
Lens	Fixed zoom, powered focus lens, F = 1.7, f = 2.81 mm, throw ratio: 0.235:1 (16:10 aspect ratio) (Projection distance: 1 cm [1/3 in] for 80-inch image)
Power consumption*8 On-mode power consumption (Light Power) [Normal]	290 W (AC 100–120V), 280 W (AC 200–240 V)
Auflösung	WUXGA (1920 x 1200 pixels)
Keystone Correction Range	Vertical: ±3 °, Horizontal: ±3 °
Power consumption*8 On-mode power consumption (Light Power) [Eco]	215 W (AC 100–120V), 205 W (AC 200–240 V)
Power consumption*8 On-mode power consumption (Light Power) [Quiet]	210 W (AC 100–120V), 200 W (AC 200–240 V)
Terminals HDMI™ IN 1/IN 2	HDMI™ 19-pin x 2 (Compatible with HDCP 1.4, Deep Color, 4K/30p6 signal input), CEC supported*7
Installation	Ceiling/floor, front/rear, free 360-degree installation
Protocol versions	IPv4
Screen Size (Diagonal)	2.03–3.05 m (80–120 in) (16:10 aspect ratio)
Terminals HDMI™ OUT	HDMI™ 19-pin x 1 (Compatible with HDCP 1.4, Deep Color, 4K/30p6 signal output)
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].)
Abmessung (B x H x T)	495 mm x 160 mm x 421 mm (19 1/2" x 6 19/64" x 16 37/64") (excluding feet and protrusions), 495 mm x 176 mm x 421 mm (19 1/2" x 6 15/16" x 16 37/64") (with feet at shortest position)
Light Source	Laser diodes
Built-in Speaker	10 W monaural
LCD Panel Panel Size	16.3 mm (0.64 in) diagonal (16:10 aspect ratio)
Operating Environment	Operating temperature: 0–45 °C (32–113 °F)*11, Operating humidity: 20–80 % (no condensation)
LCD Panel Pixels	2,304,000 (1920 x 1200) pixels
Cabinet Materials	Molded plastic
Projector type	LCD projector
Applicable Software	Multi Monitoring & Control Software, Logo Transfer Software, Projector Network Setup Software, Presenter Light Software for Windows®*12, Wireless Projector App for iOS/Android™*13
Center-to-corner zone ratio*1	85 %
Note	*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], and [SYSTEM DAYLIGHT VIEW] 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 °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. *4 Resolution decreases when using Digital Zoom Extender. Some screen-correction functions are not available when using this function, and range of corner adjustment is limited. *5 When Digital Zoom Extender is set to 80 %. *6 Supports signals up to 4K/30p. A signal with different resolution is converted to the number of display dots (1920 x 1200 dots). *7 Depending on the connected CEC command-compatible device, the link control may not operate normally. *8 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). *9 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). *10 Average value. May differ depending on the actual unit. *11 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). *12 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. *13 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).
Time until light output declines to 50 %*3	20,000 hours (NORMAL/QUIET)/24,000 hours (ECO)
Light Output*1 *2	5,200 lm
Operation noise*1	35 dB (NORMAL/ECO), 26 dB (QUIET)
Filter*9	Included (Estimated maintenance time: approx. 20,000 hours)
Digital Zoom Extender *4	Throw ratio 0.235–0.288:1 (16:10 aspect ratio) (Corresponding value)
Weight with supplied lens*10	Approx. 9.5 kg (20.9 lbs)
Power Supply	AC 100 V–240 V, 50/60 Hz
Control function via LAN	PJLink™ [Class 2], Crestron Connected™, AMX Device Discovery
Terminals Variable Audio Out	M3 stereo mini-jack x 1

Power consumption*8 Maximum power consumption	325 W (3.4-1.4 A) (330 VA) (Power consumption is 310 W at AC 200-240 V)
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, compatible with PLink™ [Class 2]
Terminals LAN/DIGITAL LINK	RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBase™ compliant), 100Base-TX (Compatible with PLink™ [Class 2], HDCP, Deep Color, 4K/30p6 signal input)
