

Panasonic



PT-CMZ50

3LCD laser projector with 5,200 ANSI lumens and WUXGA (1,920 x 1,200) resolution. Ultra-short throw ratio of 0.235:1. Operating noise: 34 dB (Normal/Eco), 25 dB (Quiet). Supports 16:9, 21:9, and 27:9 formats, accepts 4K input, and offers optional wireless content sharing. Compact and lightweight at 9,5 kg with dimensions of 495 × 176 × 421 mm. Color: black / white.

Key Features

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- _____
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PT-CMZ50

<https://ap.pnd.panasonic.com/sg/ko/pt-cmz50>

Projector type	LCD projector
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	5,200 lm
Light output (ANSI) *1 *3	5,200 lm
Time until light output declines to 50 % *20,000 [NORMAL] -> NORMAL *5	
Time until light output declines to 50 % *24,000 [ECO] -> ECO *5	
Time until light output declines to 50 % *20,000 hours [QUIET] -> QUIET *5	
Resolution *6	WUXGA (1920 x 1200 pixels)
Contrast Ratio (typ.)	3,000,000:1 (Full On/Full Off) ([PICTURE MODE]가 [DYNAMIC CONTRAST]가 [1]) [DYNAMIC]
Screen size (diagonal)	2.03-3.05 m (80-120 in) (16:10 aspect ratio)
Center-to-corner zone ratio	85%
Lens	, F = 1.7, f = 2.81 mm, throw ratio: 0.235:1 (16:10 aspect ratio) () : 80 1 cm [1/3]
Digital Zoom Extender *7	Throw ratio 0.235-0.288:1*5 (16:10 aspect ratio) ()
Keystone correction range	: ±3 °, : ±3 °
Installation	/ , / , 360
Terminals -> HDMI™ IN	HDMI™ 19 x 2 (HDCP 1.4 , Deep Color, 4K/30p*6), CEC *7
Terminals -> HDMI™ OUT	HDMI™ 19 x 1 (HDCP 1.4 , Deep Color, 4K/30p*6)
Terminals -> COMPUTER IN (D-SUB 15pin)	D- 15 (female) x 1 (RGB/YBPB/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 PLink™ [Class 2], HDCP, Deep Color, 4K/30p*8 signal input)
Terminals -> LAN	RJ-45 x 1, 10Base-T, 100Base-TX, PLink™ [Class 2]
Terminals -> USB TYPE A	USB () x 1, AJ-WM50 , (DC 5 V, 2 A)
Protocol versions	IPv4, IPv6*8
Power supply	AC 100-240 V, 50/60 Hz
Maximum power consumption *13	325W (3.4-1.4 A) (330 VA) (AC 200-240 V 310 W)
On-mode power consumption (Operating mode) -> Normal *13 *14	[NORMAL] 290W (AC 100-120 V), 280W (AC 200-240 V)
On-mode power consumption (Operating mode) -> Eco *13 *14	[ECO] 215W (AC 100-120 V), 205 W (AC 200-240 V)
On-mode power consumption (Operating mode) -> Quiet *13 *14	[QUIET] 210W (100-120 V), 200 W (200-240 V)
Built-in speaker	10 W monaural
Cabinet materials	Molded plastic
Filter *15	Included
Estimated filter maintenance cycle	20,000
Operation noise -> Normal	34 dB [NORMAL]
Operation noise -> Eco	34 dB [ECO]
Operation noise -> Quiet	25 dB [QUIET]
Body Colour	PT-CMZ50-White PT-CMZ50EJ-White PT-CMZ50B-Black PT-CMZ50BEJ-Black
Dimensions (W x H x D)	Approx. 495 mm x 160 mm x 421 mm (19 1/2" x 6 19/64" x 16 37/64") (excluding feet and protrusions), Approx. 495 mm x 176 mm x 421 mm (19 1/2" x 6 15/16" x 16 37/64") (with feet at shortest position)
Dimensions (W x H x D) -> Width (not including protruding parts)	495 mm (19 1/2")
Dimensions -> Width (including protruding parts)	495 mm (19 1/2")
Dimensions -> Height (not including protruding parts)	160 mm (6 19/64")

Dimensions -> Height (including protruding parts)	176 mm (6 15/16")
Dimensions -> Depth (not including protruding parts)	421 mm (16 37/64")
Dimensions -> Depth (including lens)	421 mm (16 37/64")
Gross Dimensions (W x H x D in mm)	CMZ50EJ/CMZ50BEJ: 647 x 512 x x270 mm CMZ50/CMZ50B: 637 x 502 x 256 mm
Weight *16	9.5 kg (20.9 lbs)
Gross Weight (Kg)	CMZ50EJ/CMZ50BEJ: 13.7 kg(30.2 lbs) CMZ50/CMZ50B: 12.5 kg(27.6 lbs)
Operating environment -> Operating temperature *17 *18	0-45 °C (32-113 °F)
Operating Environment -> Operating humidity (No condensation)	20-80 % (no condensation)
Applicable software	*13, iOS/Android™ *14, Windows® Presenter Light
NFC	No
Control function via LAN	PJLink™ [Class 2], Crestron Connected™, AMX Device Discovery
EAN	CMZ50: 5025232944088 CMZ50EJ: 5025232944095 CMZ50B: 5025232944101 CMZ50BEJ: 5025232944118
Lens shift -> Vertical(from center of screen)	—
Lens shift -> Horizontal(from center of screen)	—
Terminals -> SDI IN	—
Terminals -> DVI-D IN	—
Terminals -> DisplayPort™ IN	—
Active 3D	No
SDM	No
Footnote Description	<p>1. [PICTURE MODE]가 [DYNAMIC], [LIGHT POWER] [NORMAL], [SYSTEM DAYLIGHT VIEW] [OFF]</p> <p>2. ISO/IEC 21118: 2020</p> <p>3. (American National Standards Institute)</p> <p>4. 50% ((PICTURE MODE): [DYNAMIC], [DYNAMIC CONTRAST] [2], 30 °C(86 °F), 700 m (2,297 ft), 0.15 mg/m3, 50 %</p> <p>5. Digital Zoom Extender</p> <p>6. Digital Zoom Extender 80 %</p> <p>7. 4K/30p (1920 × 1200)</p> <p>8. CEC</p> <p>9. 2.00 가 AJ-WM50 IPv6</p> <p>10. ISO/IEC 21118: 2020 .ON 25 °C(77 °F), 700 m(2,297 ft)</p> <p>11. 0.08 mg/m3), 10,000 (0.15 mg/m3). :20,000 (</p> <p>12.</p> <p>13. 30 °C(86 °F) , 2,700 m(8,858 ft)</p> <p>14. Presenter Light Software 1280 × 800 1024 × 768 가 , PC</p> <p>15. iOS/Android™ WXGA(1280 × 800)</p>