

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

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| 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 (A) 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") |

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|---|---|
| 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 270 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> |