

Panasonic



가 가 42,000lm*1 4K

PT-RQ45K

Quad Pixel Drive 42,000lm 3-Chip DLPTM
4K(3840 × 2400)
dB Intel® SDM , 12G-SDI 5 LCD
240Hz(1080p) , 24 , 360
× 353 × 780 mm, () : Black

Key Features



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| Projector type | 3- DLP™ |
| Display method | DLP™ chip x 3, DLP™ projection system |
| Display Device -> Panel size | 24.4 mm (0.96 in) diagonal (16:10 aspect ratio) |
| Display Device -> Number of pixels | 2,304,000 (1920 x 1200 pixels) x 3 |
| Light source | Laser diodes (Blue LD, Red LD) |
| Light output *1 *2 *3 | 45,000 lm*3 |
| Light output (ANSI) *1 *2 *4 | 42,000 lm*4 |
| Light output (Center) *1 *2 *5 | 43,600 lm*5 |
| Time until light output declines to 50 % | 20,000 [NORMAL] |
| -> NORMAL *6 | |
| Time until light output declines to 50 % | 24,000 [ECO] |
| -> ECO *6 | |
| Time until light output declines to 50 % | 26,000 hours [QUIET] |
| -> QUIET *5 | |
| Resolution | PT-RQ42K: 4K (3840 x 2400 pixels) (Quad Pixel Drive: ON) PT-RZ41K: WUXGA (1920 x 1200 pixels) |
| Contrast Ratio (typ.) *3 | 25,000 : 1 (Full On/Full Off, Dynamic Contrast [3]) |
| Screen size (diagonal) | 1.78–25.40 m (70–1000 in) (Depending on attached lens) |
| Center-to-corner zone ratio *3 | 90% |
| Lens | ◆ (가) |
| Lens shift -> Vertical (from center of screen) | ±55 % (+68 %, +78 % with ET-D75LE95, ±48 % with ET-D3LEW201, ±44 % with ET-D3LEW60/D3LEW300/D3LEW600) (Powered) |
| Lens shift -> Horizontal (from center of screen) | ±20 % (±15 % with ET-D3LEW300/D3LEW600/D3LEW201, ±12 % with ET-D75LE95, 0 %, +25 % with ET-D3LEU101) (Powered) |
| Keystone correction range | : ±45° (ET-D3LEW10/D3LES20/D3LES250 ±40°, ET-D3LEW600 ±28°, ET-D3LEW50 ±22°, ET-D3LEW201/D3LEW300 ±15°, ET-D3LEU101 ±8°, ET-D75LE95 +5°); : ±40° (ET-D3LEW50/D3LEW600 ±15°, ET-D3LEU101/D3LEW201/D3LEW300 ±5°, ET-D75LE95 0°) [] [] 55° |
| Installation | / , / , 360 |
| Terminals -> SDI IN | BNC x 1 : 12G / SDI input |
| Terminals -> HDMI™ IN | HDMI™ x 2 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input*6) |
| Terminals -> MULTI PROJECTOR SYNC IN | BNC x 1 |
| Terminals -> MULTI PROJECTOR SYNC OUT | BNC x 1 |
| Terminals -> SERIAL IN | D-sub 9-pin (female) x 1 for external control (RS-232C compliant) |
| Terminals -> REMOTE 1 IN | M3 stereo mini-jack x 1 for wired remote control |
| Terminals -> REMOTE 1 OUT | M3 stereo mini-jack x 1 for link control (for wired remote control) |
| Terminals -> LAN | RJ-45 x 1 for network connection, PjLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible |
| Terminals -> DC OUT | USB ◆ A x 1 (, DC 5 V, 2 A) |
| Terminals -> USB TYPE A | ◆ AJ-WM50 /USB USB ◆ A x 1 |
| Terminals -> SLOT | ◆ , ◆Ⓜ SDM |
| Protocol versions | IPv4, IPv6*8 |
| Power supply | Single Phase AC 100–240 V, 50/60 Hz |
| Maximum power consumption *9 | 3,170W |
| On-mode power consumption (Operating mode) -> Normal *9 *9 *10 | 2,860W |
| On-mode power consumption (Operating mode) -> Eco *9 *9 *10 | 2,250W |
| On-mode power consumption (Operating mode) -> Quiet *13 *14 | 2,010W |
| Cabinet materials | Molded plastic |
| Operation noise -> Normal *3 | 49 dB [NORMAL] |
| Operation noise -> Eco *3 | 49 dB [ECO] |
| Operation noise -> Quiet | 46 dB [QUIET] |
| Dimensions (W x H x D) | 598 x 352 x 780 mm (23 17/32 x 13 27/32 x 30 23/32) () |
| Weight *11 | 66 kg (145.5 lbs) |
| Operating environment -> Operating temperature *12 | 0–45 °C (32–113 °F) |
| Operating Environment -> Operating humidity (No condensation) | 10–80 % (no condensation) |
| Applicable software | Visual Software Suite, , , iOS/Android™ |
| Control function via LAN | Crestron Connected™ V2, Crestron XiO Cloud™, Art-Net DMX, AMX® DD, and PjLink™ (Class 2) |
| Terminals -> MULTI SYNC IN / 3D SYNC 1 IN/OUT (dual purpose) | - |
| Terminals -> MULTI SYNC OUT / 3D SYNC 2 OUT (dual purpose) | - |
| Terminals -> DVI-D IN | — |
| Terminals -> DisplayPort™ IN | — |
| Terminals -> DIGITAL LINK IN / LAN | — |
| Gross Dimensions (W x H x D in mm) | 790 x 702 x 957 mm |
| Gross Weight (Kg) | 70 kg (155 lbs) (TBD) |

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| NFC | Yes |
| Active 3D | No |
| SDM | Yes |
| EAN | RQ45KE: 5025232988921 RQ45KD: 8887549897283 RQ45KE: 8887549897276 |

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| Footnote Description | 1. ET-D3LES250 (CY2026 / AC 200-240V) |
| | 2. [PICTURE MODE]가 [DYNAMIC] [LIGHT POWER]가 [NORMAL] |
| | 3. , , ISO/IEC 21118: 2020 |
| | 4. , , (American National Standards Institute) |
| | 5. NORMAL |
| | 6. 50% . ([PICTURE MODE]: [DYNAMIC], [DYNAMIC CONTRAST] [2]). 50 % |
| | 7. 4K PT-RZ44K WUXGA(1920 x 1200) |
| | 8. AJ-WM50 IPv6 |
| | 9. , , ISO/IEC 21118: 2020 |
| | 10. 25 °C(77 °F) 700 m(2,297 ft) |
| | 11. |
| | 12. 4,200m . (4,200m) |
| | 0°C~45°C (32~113 °F) . 1,400m(4,593 ft) 4,200m(13,780 ft) : 0°C (32°F) 40°C (104°F) . AJ-WM50 40°C (104 °F) |