Panasonic CONNECT



**El proyector más pequeño y ligero del mundo de 42.000 lm*1 : El nuevo benchmark en mapeo de proyecciones 4K**

# PT-RQ45K

Proyector láser 3-Chip DLPTMcon 42.000 lúmenes de brillo y resolución 4K (3840 × 2400) mediante tecnología Quad Pixel Drive. Incorpora un motor de luz láser multifuente (dos láseres azules y un láser rojo) para una alta precisión de color y transiciones suaves. Compatible con ópticas intercambiables (óptica no incluida). Nivel de ruido de funcionamiento: aproximadamente 50 dB. Incorpora ranura Intel® SDM, entrada

**Key Features**

- Una revolución en la eficiencia del flujo de trabajo
- Fiabilidad en entornos exigentes
- Imágenes espectaculares para los eventos más grandes

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# PT-RQ45K

https://latam.connect.panasonic.com/pe/es/productos/projectors/pt-rq45k

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|---|---|
| **Projector type** | 3-Chip DLP™ projector |
| **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 | 42,000 lm*3 |
| **Light output (ANSI)** | 42,000 lm*4 |
| **Light output (Center)** *1 *2 | 43,600 lm*5 |
| **Time until light output declines to 50 % -> NORMAL** *3 | 20,000 hours [NORMAL] |
| **Time until light output declines to 50 % -> ECO** *3 | 24,000 hours [ECO] |
| **Time until light output declines to 50 % -> QUIET** *6 | 26,000 hours [QUIET] |
| **Resolution** | PT-RQ42K: 4K (3840 x 2400 pixels) (Quad Pixel Drive: ON)<br>PT-RZ41K: WUXGA (1920 x 1200 pixels) |
| **Contrast Ratio (typ.)** *1 | 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** *1 | 90% |
| **Lens** | Optional (No lens included with this model) |
| **Lens shift -> Vertical(from center of screen)** *4 | ±55 % (+68 %, +78 % with ET-D75LE95, ±48 % with ET-D3LEW201,±44 % with ET-D3LEW60/D3LEW300/D3LEW600) (Powered) |
| **Lens shift -> Horizontal(from center of screen)** *4 | ±20 % (±15 % with ET-D3LEW300/D3LEW600/D3LEW201, ±12 % with ET-D75LE95,0 %, +25 % with ET-D3LEU101) (Powered) |
| **Keystone correction range** | Vertical: ±45 ° (± 40 ° with ET-D3LEW10/D3LES20/D3LES250, ±28 ° with ET-D3LEW600, ±22 ° with ET-D3LEW50, ±15 ° with ET-D3LEW201/D3LEW300, ±8 ° with ET-D3LEU101, +5 ° with ET-D75LE95);<br>Horizontal: ±40 ° (±15 ° with ET-D3LEW50/D3LEW600, ±5 ° with ET-D3LEU101/D3LEW201/D3LEW300, 0 ° with ET-D75LE95)<br>When [VERTICAL KEYSTONE] and [HORIZONTAL KEYSTONE] are used simultaneously, correction cannot be made exceeding a total of 55 ° |
| **Installation** | Ceiling/floor, front/rear, free 360-degree installation |
| **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*7) |
| **Terminals -> DVI-D IN** | — |
| **Terminals -> DisplayPort™ IN** | — |
| **Terminals -> MULTI PROJECTOR SYNC IN** | BNC x 1 |
| **Terminals -> MULTI PROJECTOR SYNC OUT** | BNC x 1 |
| **Terminals -> MULTI SYNC IN/ 3D SYNC 1 IN/OUT (dual purpose)** | - |
| **Terminals -> MULTI SYNC OUT/ 3D SYNC 2 OUT (dual purpose)** | - |
| **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 -> DIGITAL LINK IN / LAN** | — |
| **Terminals -> LAN** | RJ-45 x 1 for network connection, PJLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible |
| **Terminals -> DC OUT** | USB Connector Type A x 1 (for power supply, DC 5 V, 2 A) |
| **Terminals -> USB TYPE A** | USB connector Type A x 1 for optional AJ-WM50 Series Wireless Module/USB memory |
| **Terminals -> SLOT** | Open slot for function boards, Intel® SDM standard-compatible |
| **Protocol versions** | IPv4, IPv6*8 |
| **Power supply** | Single Phase AC 100–240 V, 50/60 Hz |
| **Maximum power consumption** | Approx.3,170 W |
| **On-mode power consumption(Operating mode) -> Normal** | Approx.2,860 W |
| **On-mode power consumption(Operating mode) -> Eco** | Approx.2,250 W |
| **On-mode power consumption(Operating mode) -> Quiet** | Approx.2,010 W |
| **Cabinet materials** | Molded plastic |
| **Operation noise -> Normal** *1 | 49 dB [NORMAL] |
| **Operation noise -> Eco** *3 | 49 dB [ECO] |
| **Operation noise -> Quiet** *1 | 45 dB [QUIET] |
| **Dimensions (W x H x D)** | Approx. 598 x 352 x 780 mm (23 17/32″ x 13 27/32″ x 30 23/32″ ) (Not including protruding parts) |
| **Gross Dimensions (W x H x D in mm)** | Approx. 790 x 702 x 957 mm |
| **Weight** *7 | Approx. 66.7 kg (147.0 lbs) |
| **Gross Weight (Kg)** | Approx. 82.0 kg (180.8 lbs) |

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|---|---|
| **Operating environment -> Operating temperature** *8 *9 | 0–45 °C (32–113 °F) |
| **Operating Environment -> Operating humidity (No condensation)** | 10–80 % (no condensation) |
| **Applicable software** | Visual Software Suite, Multi Monitoring & Control Software, Projector Network Setup Software, Smart Projector Control for iOS/Android™ |
| **NFC** | Yes |
| **Active 3D** | No |
| **SDM** | Yes |
| **Control function via LAN** | Crestron Connected™ V2, Crestron XiO Cloud™, Art-Net DMX, AMX® DD, and PJLink™ (Class 2) |
| **EAN** | RQ45KEJ: 5025232988921<br>RQ45KD: 8887549897283<br>RQ45KE: 8887549897276 |
| **Footnote Description** | 1. Value with ET-D3LES250 Zoom Lens (available CY2026) and a power supply voltage of AC 200–240 V. The value varies depending on the lens.<br>2. When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL].<br>3. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is the average of all products when shipped.<br>4. Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped.<br>5. Average light-output value of all shipped products measured at the center of the screen in NORMAL Mode.<br>6. Around this time, light output will have decreased to approximately 50 % of its original level ([PICTURE MODE] is set to [DYNAMIC], [DYNAMIC CONTRAST] is set to [2]). Estimated time until light output declines to 50 % varies depending on environment.<br>7. 4K signals are converted to WUXGA (1920 x 1200 pixels) only for the PT-RZ44K.<br>8. Optional AJ-WM50 Series Wireless Module is not compatible with IPv6.<br>9. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards.<br>10. On-mode power consumption measured at 25 °C (77 °F) operating temperature at analtitude of 700 m (2,297 ft).<br>11. Average value. May dier depending on the actual unit.<br>12. Do not install the projector at an altitude of 4,200 m (13,780 ft) or higher above sea level. (Altitude of 4,200 m [13,780 ft] above sea level is the maximum height that the performance of this projector is guaranteed.) Using the projector in a location where the altitude is too high or the ambient temperature is too high may reduce the life of the components or result in malfunctions. Upper limit of the operating environment temperature varies depending on the altitude above sea level. When using the projector at an altitude between 0 m (0 ft) and 1,400 m (4,593 ft) above sea level: 0 °C (32 °F) to 45 °C (113 °F). When using the projector at an altitude between 1,400 m (4,593 ft) and 4,200 m (13,780 ft) above sea level: 0 °C (32 °F) to 40 °C (104 °F). Do not use the projector in a location where the ambient temperature exceeds 40 °C (104 °F) regardless of the altitude when the optional AJ-WM50 Series Wireless Module is attached to the projector. |