Panasonic



**Vivid reds and truer blues heighten realism for ultra-detailed 4K or WUXGA image reproduction.**

# PT-RQ35K2

Despite its high brightness and jaw-dropping image quality, PT-RQ35K Series is the smallest and lightest 3-Chip DLP™ product in its class and can be transported and installed with just two people. Save on labor costs and enjoy greater convenience when backyard space is limited.A combination of two blue and one red laser expands colour-space reproduction by 114 %*3 over the PT-RQ32K. Vivid red and pure blue reproduction

**Key Features**

- Laser 3-chip DLP, 32.000 lumens (centre), 4K (With Quad Pixel Drive On)
- Lamp-free laser projection with dust resistant liquid cooling system for 20000 hours maintenance free operation
- Smart Projector Control with NFC for mobile access to network configuration such as IP address setup
- Preactivated Upgrade Kits for Geo Pro Software
- Two blue and one red laser module expands colour-gamut reproduction

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# PT-RQ35K2

https://ap.pnd.panasonic.com/au/en/pt-rq35k2

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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 | 30,500 lm |
| **Light output (ANSI)** *3 | 30,500 lm |
| **Light output (Center)** *4 | 32,000 lm (Center) |
| **Time until light output declines to 50 % -> NORMAL** *5 | 20,000 hours [NORMAL] |
| **Time until light output declines to 50 % -> ECO** *5 | 24,000 hours [ECO] |
| **Time until light output declines to 50 % -> QUIET** *5 | 26,000 hours [QUIET] |
| **Resolution** | PT-RQ35K : 4K (3840 x 2400 pixels) (Quad Pixel Drive: ON)PT-RZ34K : WUXGA (1920 x 1200 pixels) |
| **Contrast Ratio (typ.)** *2 | 20,000:1 (Full On/Full Off, Dynamic Contrast [3]) |
| **Screen size (diagonal)** | 1.78–25.4 m (70–1,000 in), 1.78–15.24 m (70–600 in) with ET-D75LE8/ET-D3LET80, 3.05–15.24 m (120–600 in) with ET-D75LE95, 5.08–15.24 m (200–600 in) with ET-D3LEU100/ET-D3LEW200 |
| **Center-to-corner zone ratio** *2 | 90% |
| **Lens** | Optional (no lens included with this model) |
| **Lens shift -> Vertical(from center of screen)** *6 | ±55 % (+78 %, +68 % with ET-D75LE95, ±48 % with ET-D3LEW200, ±44 % with ET-D75LE6/ET-D3LEW60) (powered) |
| **Lens shift -> Horizontal(from center of screen)** *6 | ±20 % (±15 % with ET-D75LE6/ET-D3LEW60/ET-D3LEW200, ±12 % with ET-D75LE95, +25 %, 0 % with ET-D3LEU100) (powered) |
| **Keystone correction range** | Vertical: ±45 ° (± 40 ° with ET-D75LE10/ET-D3LEW10/ET-D75LE20/ET-D3LES20, ±28 ° with ET-D75LE6/ET-D3LEW60, ±22 ° with ET-D3LEW50, ±15 ° with ET-D3LEW200, ±8 ° with ET-D3LEU100, +5 ° with ET-D75LE95),Horizontal: ±40 ° (±15 ° with ET-D3LEW50/ET-D75LE6/ET-D3LEW60, ±5 ° with ET-D3LEU100/ET-D3LEW200, 0 ° with ET-D75LE95)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 : 3G/HD-SDI input(PT-RZ34K only) |
| **Terminals -> HDMI™ IN** | HDMI x 1 (Deep Color, compatible with HDCP 2.2, 4K/60p signal input)*5 |
| **Terminals -> DVI-D IN** | DVI-D 24-pin x 1 (DVI 1.0 compliant, compatible with HDCP) (Single-link only)(PT-RZ34K only) |
| **Terminals -> MULTI PROJECTOR SYNC IN** | BNC x 1(PT-RQ35K only) |
| **Terminals -> MULTI PROJECTOR SYNC OUT** | BNC x 1(PT-RQ35K only) |
| **Terminals -> MULTI SYNC IN/ 3D SYNC 1 IN/OUT (dual purpose)** | BNC x 1(PT-RZ34K only) |
| **Terminals -> MULTI SYNC OUT/ 3D SYNC 2 OUT (dual purpose)** | BNC x 1(PT-RZ34K only) |
| **Terminals -> SERIAL IN** | D-sub 9-pin (female) x 1 for external control (RS-232C compliant) |
| **Terminals -> SERIAL OUT** | D-sub 9-pin (male) x 1 for link 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 |
| **Terminals -> REMOTE 2 IN** | D-sub 9-pin (female) x 1 for external control (parallel) |
| **Terminals -> DIGITAL LINK IN / LAN** | RJ-45 x 1 for network and DIGITAL LINK connection (HDBaseT™ compliant), 100Base-TX, compatible with Art-Net, PJLink™ (Class 2), Deep Color, HDCP 2.2, 4K/60p signal input*5 |
| **Terminals -> LAN** | RJ-45 x 1 for network connection, PJLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible |
| **Terminals -> DC OUT** | USB Type A x 2 (for power supply, DC 5 V total of 2 A) |
| **Terminals -> USB TYPE A** | USB connector (Type A) x 1 for optional Wireless Module (AJ-WM50 Series)/USB Memory Stick |
| **Terminals -> SLOT** | PT-RQ35K : SLOT 1/SLOT 2 (total two terminals, vacant) for interface boards, SLOT NX compatiblePT-RZ34K : SLOT (one terminal, vacant) for interface boards, SLOT NX compatible |
| **Power supply** | AC 200 V–240 V (Light output will decrease when using the projector with AC 100 V to AC 120 V) |
| **Maximum power consumption** | 2,550 W2,450 W |
| **On-mode power consumption(Operating mode) -> Normal** | PT-RQ35K : [NORMAL] 2,060 WPT-RZ34K : [NORMAL] 2,010 W |

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| **On-mode power consumption(Operating mode) -> Eco** | PT-RQ35K : [ECO] 1,650 WPT-RZ34K : [ECO] 1,590 W |
| **On-mode power consumption(Operating mode) -> Quiet** | PT-RQ35K : [QUIET] 1,370 WPT-RZ34K : [QUIET] 1,310 W |
| **Standby power consumption -> Normal** | PT-RQ35K : 14 WPT-RZ34K : 13 W |
| **Cabinet materials** | Molded plastic |
| **Filter** | No |
| **Operation noise -> Normal** *2 | 49 dB [NORMAL] |
| **Operation noise -> Quiet** | 46 dB [QUIET] |
| **Body Colour** | Black |
| **Dimensions (W x H x D)** | Approx. 598 x 353 x 780 mm (23 17/32″ x 13 29/32″ x 30 23/32″) (not including protruding parts) |
| **Dimensions (W x H x D) -> Width (not including protruding parts)** | 598 mm (23 17/32″) |
| **Dimensions -> Height (not including protruding parts)** | 353 mm (13 29/32″) |
| **Dimensions -> Depth (not including protruding parts)** | 780 mm (30 23/32″) |
| **Gross Dimensions (W x H x D in mm)** | Approx. 790 x 702 x 957 mm |
| **Weight** *8 | PT-RQ35K : 69.8 kg (153.9 lbs)PT-RZ34K : 68.6 kg (151.2 lbs) |
| **Gross Weight (Kg)** | 84.4 kg/186.1 lbs |
| **Operating environment -> Operating temperature** *9 | 0–45 °C (32–113 °F) |
| **Operating Environment -> Operating humidity (No condensation)** | 10–80 % (no condensation) |
| **Applicable software** | Logo Transfer Software, Multi Monitoring & Control Software, Early Warning Software, Smart Projector Control for iOS/Android™ |
| **NFC** | Yes |
| **EAN** | RQ35K2EJ: 5025232977079<br>RQ35K2E: 8887549880698 |
| **Terminals -> DisplayPort™ IN** | — |
| **Operation noise -> Eco** | 49 dB [ECO] |
| **Active 3D** | No |
| **SDM** | No |
| **Footnote Description** | 1. When [OPERATING MODE] is set to [NORMAL].<br>2. 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>3. 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>4. Average light-output value of all shipped products measured at the center of the screen.<br>5. Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast Contents, Normal Mode, Dynamic Contrast [3], temperature 35 °C (95 °F), elevation 700 m (2,297 ft) with 0.15 mg/m3 of airborne particulate matter. Estimated time until light output declines to 50 % varies depending on environment.<br>6. Lens shift is not supported on the ET-D3LEW50.<br>7. 4K signals are converted to WUXGA (1920 x 1200 pixels) only for the PT-RZ34K2 / PT-RZ34K.<br>8. Average value. May differ depending on the actual unit.<br>9. When optional AJ-WM50 wireless module is attached, operating temperature range becomes 0–40 °C (32–104 °F). The operating environment temperature should be between 0 °C (32 °F) and 40 °C (104 °F) if the projector is used at an altitude between 1,400 m (4,593 ft) and 4,200 m (13,780 ft).<br>10. Some applications listed are currently subject to temporary limitations. For details, please click here. |