**Deliver More for Less with the World's Smallest and Lightest 16,000 lm 3-Chip DLP™ 4K Projector**

# PT-RQ18K

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**Key Features**

Compact Form-Factor Streamlines Workflow

Create an Engaging Visual Experience

Maintenance-free for Peace of Mind

3-Chip DLP™ 4K Laser Projector with Quad Pixel Drive

16,000 Lumen Brightness

## PT-RQ18K

https://ap.connect.panasonic.com/id/en/products/projectors/pt-rq18k

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|---|---|
| Projector type | 3-Chip DLP™projector |
| Display method | DLP™ chip x 3, DLP™ projection system |
| Display Device -> Panel size | 20.3 mm (0.8 in) diagonal (16:10 aspect ratio) |
| Display Device -> Number of pixels | 2,304,000 (1920 x 1200 pixels) x 3 |
| Light source | Laser diode |
| Light output *1 | 16,000 lm |
| Light output (ANSI) *1 | 16,000 lm |
| Light output (Center) *1 *2 | 16,800 lm ( Center ) |
| 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 | 20,000 hours [QUIET] |
| Resolution | 4K (3840 x 2400 pixels) (Quad Pixel Drive: ON) |
| 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), 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/D3LEW200 |
| Center-to-corner zone ratio *1 | 90% |
| Lens | Optional (no lens included with this model) |
| Lens shift -> Vertical(from center of screen) *4 | ±66 % (52 % with ET-D75LE6/ET-D3LEW60, +71 % / +93 % with ET-D75LE95, ±66 % with ET-D3LEU100, ±57 % with ET-D3LEW200) (powered) |
| Lens shift -> Horizontal(from center of screen) *4 | ±24 % (18 % with ET-D75LE6/ET-D3LEW60, ±14 % with ET-D75LE95, -25 % / +30 % with ET-D3LEU100,±18 % with ET-D3LEW200) (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 -> HDMI™ IN | HDMI x 2 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input*5) |
| Terminals -> DisplayPort™ IN | DisplayPort™ x 1 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input*5) |
| 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 -> 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 (for wired remote control) |
| Terminals -> REMOTE 2 IN | D-sub 9-pin (female) x 1 for external control (parallel) |
| 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 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 compatible |
| Power supply | AC 100 V–120 V / AC 200 V–240 V, 50 Hz/60 Hz (The maximum value of light output is limited to 15,000 lm or less when using the projector with AC 100 V to AC 120 V. Other limitations apply.*6) |
| Maximum power consumption | AC 200 V–AC 240 V : 1,190 W (1,220 VA)AC 100 V–AC 120 V : 1,080 W (1,090 VA) |
| On-mode power consumption(Operating mode) -> Normal | [NORMAL] 1,030 W |
| On-mode power consumption(Operating mode) -> Eco | [ECO] 820 W |
| On-mode power consumption(Operating mode) -> Quiet *8 | [QUIET] 810 W |
| Cabinet materials | Molded plastic |
| Filter | No |
| Operation noise -> Normal *1 | 43 dB [NORMAL] |
| Operation noise -> Eco *3 | 43 dB[ECO] |

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| Operation noise -> Quiet [*1] | 40 dB [QUIET] |
| Dimensions (W x H x D) | Approx. 550 x 220 x 570 mm (21 5/8˝ x 8 11/16˝ x 22 7/16˝ ) (not including protruding parts) |
| Dimensions (W x H x D) -> Width (not including protruding parts) | 550 mm (21 5/8˝) |
| Dimensions -> Height (not including protruding parts) | 220 mm (8 11/16˝) |
| Dimensions -> Depth (not including protruding parts) | 570 mm (22 7/16˝) |
| Weight [*7] | Approx. 35 kg (77.2 lbs) |
| Operating environment -> Operating temperature [*8] [*9] | 0–45 ℃ (32–113 °F) |
| Operating Environment -> Operating humidity (No condensation) | 10–80 % (no condensation) |
| Applicable software | Logo Transfer Software, Multi Monitoring & Control Software, Projector Network Setup Software, Early Warning Software,Geometry Manager Pro, Smart Projector Control for iOS/Android[TM] |
| Footnote Description | 1. This is the value when the Zoom Lens (Model No.: ET-D3LES20) is used with power supply voltage of AC 200 V to AC 240 V. The value varies depending on the lens. |
| | 2. When [OPERATING MODE] is set to [NORMAL]. |
| | 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. |
| | 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. |
| | 5. Average light-output value of all shipped products measured at the center of the screen. |
| | 6. Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast contents, NORMAL Mode, Dynamic Contrast [3], under conditions with 35 ℃ (95 °F),700 m (2,297 ft) above sea level, and 0.15 mg/m3 of particulate matter. Estimated time until light output decreases to 50 % will vary depending on environment. |
| | 7. 4K signals are converted to WUXGA (1920 x 1200 pixels) only for the PT-RZ24K and PT-RZ17K. |
| | 8. Maximum value of light output is further decreased in the following cases: when a function board is installed in the slot, when the light source is deteriorating from use, or when there is dust on the optical parts. |
| | 9. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. On-mode power consumption measured at 25 ℃ (77 °F) operating temperature at an altitude of 700 m (2,297 ft). |
| | 10. Average value. May differ depending on the actual unit. |
| | 11. When optional AJ-WM50 Series wireless module is attached, operating temperature range becomes 0–40 ℃ (32–104 °F). The operating environment temperature should be between 0 ℃ (32 °F) and 40 ℃ (104 °F) if the projector is used at an altitude between 1,400 m (4,593 ft) and 4,200 m (13,780 ft). |

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| Body Colour | Black |
| Gross Dimensions (W x H x D in mm) | RQ18KU/RQ18KEJ: 792 x 794 x 455 mm<br>RQ18KE; 770 x 772 x 445 mm |
| Gross Weight (Kg) | RQ18KU: 44.0 kg (96.9 lbs)<br>RQ18KE: 42.4 kg (93.6 lbs)<br>RQ18KEJ: 44.2 kg (97.5 lbs) |
| NFC | https://docs.connect.panasonic.com/projector/products/smartpjcontrol/regional.html#regional |
| EAN | RQ18KEJ: 5025232925551<br>RQ18KE: 8887549809804 |