



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

## PT-RQ35K

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 heightens realism for an immersive experience and takes high-resolution content to the next level. Redesigned airflow path, cooling system, and finless radiator reinforce reliability. Dynamic Digital Control regulates red laser output and cooling for consistent image quality. Expect 20,000 hours of maintenance-free projection with backup input and laser failover circuitry offering peace of mind when projection can't be interrupted.

### Key Features

Laser 3-chip DLP, 32,000 lumens (centre), 4K (With Quad Pixel Drive On)

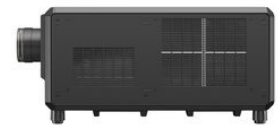
Lamp-free laser projection with dust resistant liquid cooling system for 20000 hours maintenance free operation

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





## PT-RQ35K

<https://ap.connect.panasonic.com/my/en/products/projectors/pt-rq35k>

<b>Projector type</b>	3-Chip DLP™ projector
<b>DLP™ Chip   Panel Size</b>	24.4 mm (0.96 in) diagonal (16:10 aspect ratio)
<b>DLP™ Chip   Display Method</b>	DLP™ chip x 3, DLP™ projection system
<b>DLP™ chip   Number of Pixels</b>	2,304,000 (1920 x 1200 pixels) x 3
<b>Light Source</b>	Laser diodes (Blue LD, Red LD)
<b>Light output</b>	30,500 lm*1/32,000 lm(Center)*2
<b>Time until light output declines to 50 %*3</b>	20,000 hours (Normal), 24,000 hours (Eco), 26,000 hours (Quiet)
<b>Resolution</b>	4K (3840 x 2400 pixels) (Quad Pixel Drive: ON)
<b>Contrast Ratio*1</b>	20,000:1 (Full On/Full Off, Dynamic Contrast [3])
<b>Screen size [diagonal]</b>	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
<b>Center-to-corner zone ratio*1</b>	90 %
<b>Lens</b>	Optional (no lens included with this model)
<b>Lens shift*4   Vertical(From the origin point of the lens mounter)</b>	±55 % (+78 %, +68 % with ET-D75LE95, ±48 % with ET-D3LEW200, ±44 % with ET-D75LE6/ET-D3LEW60) (powered)
<b>Lens shift*4   Horizontal(From the origin point of the lens mounter)</b>	±20 % (±15 % with ET-D75LE6/ET-D3LEW60/ET-D3LEW200, ±12 % with ET-D75LE95, +25 %, 0 % with ET-D3LEU100) (powered)
<b>Keystone Correction Range</b>	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 °.
<b>Terminals   SDI In</b>	-
<b>Terminals   HDMI In</b>	HDMI x 1 (Deep Color, compatible with HDCP 2.2, 4K/60p signal input*5)
<b>Terminals   DVI-D In</b>	-
<b>Terminals   Multi Projector Sync In</b>	BNC x 1
<b>Terminals   Multi Projector Sync Out</b>	BNC x 1
<b>Terminals   Multi Projector Sync In/3D-Sync IN/OUT</b>	-
<b>Terminals   Multi Projector Sync Out/3D Sync Out</b>	-
<b>Terminals   Serial In</b>	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
<b>Terminals   Serial Out</b>	D-sub 9-pin (male) x 1 for link control (RS-232C compliant)
<b>Terminals   REMOTE 1 IN</b>	M3 stereo mini-jack x 1 for wired remote control
<b>Terminals   REMOTE 1 OUT</b>	M3 stereo mini-jack x 1 for link control
<b>Terminals   Remote 2 In</b>	D-sub 9-pin (female) x 1 for external control (parallel)
<b>Terminals   DIGITAL LINK</b>	RJ-45 x 1 for network and DIGITAL LINK connection (HDBase™ compliant), 100Base-TX, compatible with Art-Net, PLink™ (Class 2), Deep Color, HDCP 2.2, 4K/60p signal input*5
<b>Terminals   LAN</b>	RJ-45 x 1 for network connection, PLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible
<b>Terminals   USB</b>	USB connector (Type A) x 1 for optional Wireless Module (AJ-WM50 Series)/USB Memory Stick
<b>Terminals   DC Out</b>	USB Type A x 2 (for power supply, DC 5 V total of 2 A)
<b>Terminals   Expansion Slot</b>	SLOT 1/SLOT 2 (total two terminals, vacant) for interface boards, SLOT NX compatible
<b>Power Supply</b>	AC 200 V–240 V (Light output will decrease when using the projector with AC 100 V to AC 120 V)
<b>Power Consumption</b>	2,550 W (Standby: 14 W)
<b>Operation noise*1</b>	49 dB (Normal), 46 dB (Quiet)
<b>Dimensions (W x H x D)</b>	Approx. 598 x 353 x 780 mm (23 17/32" x 13 29/32" x 30 23/32") (not including protruding parts)
<b>Weight*6</b>	69.8 kg (153.9 lbs)
<b>Operating Environment</b>	Operating temperature: 0–45 °C (32–113 °F*7), operating humidity: 10–80 % (no condensation)
<b>Applicable Software</b>	Logo Transfer Software, Multi Monitoring & Control Software, Early Warning Software, Smart Projector Control for iOS/Android™

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**Note**

\*1 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped.

\*2 Average light-output value of all shipped products measured at center of screen in NORMAL Mode.

\*3 Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast contents, Normal Mode, Dynamic Contrast [3], under conditions with 35 °C (95 °F), 700 m (2,297 ft) above sea level, and 0.15 mg/m<sup>3</sup> of particulate matter. Estimated time until light output decreases to 50 % will vary depending on environment.

\*4 Lens shift is not supported on the ET-D3LEW50.

\*5 4K signals are converted to WUXGA (1920 x 1200 pixels) only for the PT-RZ34K.

\*6 Average value. May differ depending on the actual unit.

\*7 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).

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**Installation**

Ceiling/floor, front/rear, free 360-degree installation