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

Geo.Pro · 4K DIGITAL LINK · ACCEPTS 4K SIGNAL · SOLID SHINE LASER · 4K PROFESSIONAL · 24/7 Operation · 360°

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PT-RQ35K2

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

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

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 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].
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.
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.
4. Average light-output value of all shipped products measured at the center of the screen.
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.
6. Lens shift is not supported on the ET-D3LEW50.
7. 4K signals are converted to WUXGA (1920 x 1200 pixels) only for the PT-RZ34K2 / PT-RZ34K.
8. Average value. May differ depending on the actual unit.
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).
10. Some applications listed are currently subject to temporary limitations. For details, please click here.