Panasonic

MEViX

3-Chip DLP™ Projectors

PT-RQ35K2 Series

World's Smallest and Lightest 30,000 lm 3-Chip DLP™ 4K Projector Streamlines Workflow Management

Note: Based on publicly available dimensions and weight for 3-Chip DLP™ 4K laser projectors with 26,000–35,000 lm brightness as of April 2025. PT-RQ35K2 Series has 30,500 lm (measurement, measuring conditions, and method of notation all compliant with ISO/IEC 21118: 2020 international standards, average value of all products when shipped).

Note: Lens sold separately.

Main Features

01 | Revolutionize Projection with Streamlined Workflow

Despite its high brightness and jaw-dropping image quality, PT-RQ35K2 is the smallest and lightest 3-Chip DLP™ 4K projector 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.

02 | Spellbinding Picture Quality

A combination of two blue and one red laser expands color-space reproduction 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.

03 | Original Cooling System for Projection Stability

Dedicated 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[1] of maintenance-free projection with backup input[2] and laser failover circuitry offering peace of mind when projection can't be interrupted.

PT-RQ35K2 Series		
	PT-RQ35K2	PT-RZ34K2
Light Output	30,500 lm[3] / 30,500 lm (ANSI)[4] / 32,000 lm (Center)[5]	
Resolution	4K (3840 x 2400 pixels)[6]	WUXGA (1920 x 1200 pixels)

DLP™ TEXAS INSTRUMENTS · SOLID SHINE LASER · 4K PROFESSIONAL[6] · QUAD PIXEL DRIVE[6] · 4K DIGITAL LINK[7] · ACCEPTS 4K SIGNAL[7] · 360° · 24/7 Operation · 3D PROFESSIONAL[8] · Geo.Pro

1 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 decreases to 50 % will vary depending on environment. 2 Combination of primary and secondary input terminals is fixed. 3 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is 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 center of screen in NORMAL Mode. 6 PT-RQ35K2 only. Maximum physical resolution 3840 x 2400 pixels with Quad Pixel Drive [ON]. 7 4K signals are converted to WUXGA (1920 x 1200 pixels) only for the PT-RZ34K2. YPBPR 4:2:0 format only for 4K/60p and 4K/50p signals input via DIGITAL LINK. 8 PT-RZ34K2 only.

Streamlined Installation Workflow

The PT-RQ35K2 is the smallest and lightest 3-Chip DLP™ 4K projector in its class[1] and can be transported and installed with two people. Setup on AC 100–120 V[2] minimizes delays while AC 200–240 V is rolled out. Preactivated upgrade kits for Geo Pro[3] expedite multi-screen adjustment. You can check content on PC screen prior to projection via Remote Preview, even while the projector is in Standby.

Spectacular Color for Multi-Screen Projection

Multi-laser light source (one red, two blue) dramatically enhances color reproduction. Optimized blue-laser wavelengths achieve truer blue while the red laser intensifies red expression for greater realism. Gradation Smoother[4] removes color banding on the fly, while enhanced Black Level Correction ensures seamless blending on flat or curved screens.

Smart Projector Control[5] with NFC Function[6]

Get a head start on projector setup even without AC power: just pair your smartphone via NFC and enter Projector ID and IP address. Smart Projector Control app expedites network connection[7] with a QR Code displayed on Information Monitor, no SSID or password required. Adjust settings without menu projection and focus via smartphone camera[8].

Scan QR Code to visit the Smart Projector Control webpage.

Engineered for Absolute Reliability

Dynamic Digital Control precisely adjusts red-laser output to image requirements and temperature. Projection stability is maintained by a dedicated cooling system. Finless radiator boosts cooling efficiency while shielded laser drive preserves image quality over 20,000 hours[9] of maintenance-free projection. Backup input and failover circuitry maintain image display in mission-critical situations.

■ Other Features

- Information Monitor shows temp., runtime, signal data, error codes
- Quiet Mode[10] ideal for theaters, museums, planetariums
- Geometric Adjustment with Free Grid
- Multi-Screen Support System and Multi-Unit Brightness & Color Control
- Shares Panasonic 3-Chip DLP™ projector lenses[11]
- Supports various 3D signal inputs (PT-RZ34K2 only)
- Multi Monitoring & Control Software

1 Based on publicly available dimensions and weight for 3-Chip DLP™ 4K laser projectors with 26,000–35,000 lm brightness as of April 2025. 2 Brightness is limited to one-third of maximum when operating on AC 100–120 V power. 3 Projector registration required. Visit PASS to register your projector and download free Geometry Manager Pro software for Windows®. 4 PT-RQ35K2 only. 5 Check device and OS compatibility at the App Store or the Google Play store. 6 Projectors sold in some countries or regions require an ET-NUK10 Upgrade Kit available from PASS to activate NFC function. See NFC Regional Compatibility List for details. 7 Requires optional AJ-WM50 Series Wireless Module (sold separately). Product availability varies depending on country or region. 8 Some mobile devices do not support projector auto-focus function. 9 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. 10 QUIET Mode: 46 dB, brightness limited to 20,000 lm. 11 Excluding lenses for PT-RQ50K.

Specifications

Model		PT-RQ35K2	PT-RZ34K2
Projector type		3-Chip DLP™ projector	
DLP™ chip	Panel size	24.4 mm (0.96 in) diagonal (16:10 aspect ratio)	
	Display method	DLP™ chip x 3, DLP™ projection system	
	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[2] / 30,500 lm (ANSI)[3] /32,000 lm (Center)[4]	
Time until light output declines to 50 %[5]		20,000 hours (NORMAL), 24,000 hours (ECO), 26,000 hours (QUIET)	
Resolution		4K (3840 x 2400 pixels) (Quad Pixel Drive: ON)	WUXGA (1920 x 1200 pixels)
Contrast ratio[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	
Center-to-corner zone ratio[2]		90 %	
Lens		Optional (no lens included with this model)	
Lens shift[6] (From the origin point of the lens mounter)	Vertical	±55 % (+78 %, +68 % with ET-D75LE95, ±48 % with ET-D3LEW201/ET-D3LEW200, ±44 % with ET-D75LE6/ET-D3LEW60) (powered)	
	Horizontal	±20 % (±15 % with ET-D75LE6/ET-D3LEW60/ET-D3LEW201/ET-D3LEW200, ±12 % with ET-D75LE95, ±25 %, 0 % with ET-D3LEU101/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-D3LEW201/ET-D3LEW200, ±8 ° with ET-D3LEU101/ET-D3LEU100, +5 ° with ET-D75LE95), Horizontal: ±40 ° (±15 ° with ET-D3LEW50/ET-D75LE6/ET-D3LEW60, ±5 ° with ET-D3LEU101/ET-D3LEU100/ET-D3LEW201/ET-D3LEW200, 0 ° with ET-D75LE95), When [VERTICAL KEYSTONE] and [HORIZONTAL KEYSTONE] are used simultaneously, correction cannot be made exceeding a total of 55 °.	
Terminals	SDI IN	—	BNC x 1: 3G/HD-SDI input
	HDMI™ IN	HDMI™ x 1 (Deep Color, compatible with HDCP 2.2, 4K/60p signal input[7])	
	DVI-D IN	—	DVI-D 24-pin x 1 (DVI 1.0 compliant, compatible with HDCP) (Single-link only)
	MULTI PROJECTOR SYNC IN	BNC x 1	—
	MULTI PROJECTOR SYNC OUT	BNC x 1	—
	MULTI PROJECTOR SYNC IN terminal/ 3D SYNC 1 IN/OUT terminal (dual purpose)	—	BNC x 1
	MULTI PROJECTOR SYNC OUT terminal/ 3D SYNC 2 OUT terminal (dual purpose)	—	BNC x 1
	SERIAL IN	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)	
	SERIAL OUT	D-sub 9-pin (male) x 1 for link control (RS-232C compliant)	
	REMOTE 1 IN	M3 stereo mini-jack x 1 for wired remote control	
	REMOTE 1 OUT	M3 stereo mini-jack x 1 for link control	
	REMOTE 2 IN	D-sub 9-pin (female) x 1 for external control (parallel)	
	DIGITAL LINK	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[7]	
	LAN	RJ-45 x 1 for network connection, PJLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible	
	USB	USB connector (Type A) x 1 for optional Wireless Module (AJ-WM50 Series)/USB Memory Stick	
	DC OUT	USB Type A x 2 (for power supply, DC 5 V total of 2 A)	
	Expansion slot	SLOT 1/SLOT 2 (total two terminals, vacant) for interface boards, SLOT NX compatible	SLOT (one terminal, vacant) for interface boards, SLOT NX compatible
Power supply		Single-phase AC 200 V–240 V (Light output will decrease when using the projector with AC 100 V to AC 120 V)	
Power consumption		2,550 W (2,570 VA) (Standby: 14 W)	2,450 W (2,470 VA) (Standby: 13 W)
On-mode power consumption (Operating mode)	NORMAL	2,480 W	2,370 W
	ECO	1,960 W	1,870 W
	QUIET	1,610 W	1,520 W
Operation noise[2]		49 dB (NORMAL), 46 dB (QUIET)	
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)	
Weight[8]		69.8 kg (153.9 lbs)	68.6 kg (151.2 lbs)
Operating environment		Operating temperature: 0–45 °C (32–113 °F[9]), operating humidity: 10–80 % (no condensation)	
Applicable software		Logo Transfer Software, Multi Monitoring & Control Software, Real-Time Tracking Projection-Mapping System[10], Smart Projector Control for iOS/Android™	

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. 8 Average value. May differ depending on the actual unit. 9 When optional AJ-WM50 Series 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 PT-RQ35K2 only.

Optional Accessories

- **Optional Lenses**
  - **Fisheye Lens** ET-D3LEF70[1]
  - **Fixed-Focus Lens** ET-D75LE95 / ET-D3LEU101[1] / ET-D3LEU100[1] / ET-D3LEW50[1]
  - **Zoom Lens** ET-D3LEW201[2] / ET-D3LEW200[2] / ET-D3LEW60[2] / ET-D75LE6 / ET-D3LEW10[2] / ET-D75LE10 / ET-D3LES20[2] / ET-D75LE20 / ET-D3LET30[2] / ET-D75LE30 / ET-D3LET40[2] / ET-D75LE40 / ET-D3LET80[2] / ET-D75LE8

  1 Equipped with Auto Lens Identification function.
  2 Equipped with Auto Lens Identification function and Stepping Motor.
- **Stepping Motor Kit** ET-D75MKS10
  Note: Calibration is required each time the lens is mounted.
- **Lens Fixed Attachment**
  ET-PLF10 (For ET-D3LEF70) / ET-PLF20 (For ET-D3LEU101/ET-D3LEU100/ ET-D3LEW201/ET-D3LEW200)
  Note: This attachment may be required in some installation environments.
- **ET-FMP50 Series Media Processors**
  ET-FMP50 / ET-FMP20
  Note: For more information, please visit https://docs.connect.panasonic.com/projector/products/fmp50/
- **Wireless Module** AJ-WM50 Series
  Note: Product availability may vary by country or region. Operating temperature: 0–40 °C (32–104 °F).
- **NFC Upgrade Kit** ET-NUK10
  Note: Product availability may vary by country or region.
- **High Frame Rate Upgrade Kit** ET-SUK10
  Note: For PT-RQ35K2 only.
- **Real-Time Tracking Projection Mapping System** ET-SWR10
  Note: PT-RQ35K2 only. Conditions apply. Availability may vary by country or region. Visit https://docs.connect.panasonic.com/projector/products/swr10 for more information.
- **Interface Boards**
  Interface Board for 12G-SDI (ET-MDN12G10) / Interface Board for 12G-SDI Optical (ET-MDNFB10) / Interface Board for HDMI™ (ET-MDNHM10) / Interface Board for DVI (ET-MDNDV10) / Interface Board for DisplayPort™ (ET-MDNDP10)

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All information included here is valid as of June 2025.

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