Panasonic

MEViX

3-Chip DLP™ Projectors

PT-RQ25K Series

Note: Product availability varies by country or region.

가장 가볍게, 가장 압도적으로
20,000 lm[1] 4K[2] 프로젝터의
새로운 기준을 제시할
3-Chip DLP™ 프로젝터

Note: Based on publicly available dimensions and weight for 3-Chip DLP™ laser projectors with 16,000 lm brightness and above as of July 2025. Optional lenses sold separately.

■ Main Features

01 | 콤팩트한 설계로 더욱 효율적인 워크플로우

경량·콤팩트한 바디를 적용한 RQ25K 시리즈는 운반과 설치를 더욱 효율적으로 지원합니다. Intel® SDM 표준을 지원하는 SLOT 확장성과 옵션 FMP50 시리즈 미디어 프로세서를 통해 몰입감 있는 멀티 프로젝션 환경을 간편하게 구축할 수 있으며, NFC 기능[4]과 Remote Preview LITE 등의 작업 효율 향상 기능으로 현장 설치 편의성을 더욱 높였습니다.

02 | 더욱 몰입감 있는 비주얼 경험

Quad Pixel Drive 기술이 부드러운 4K[2] 영상을 구현하며, 향상된 Dynamic Contrast를 통해 고명암비 장면에서도 더욱 밝은 화이트와 깊이 있는 블랙을 표현합니다. 또한 Gradation Smoother 기능이 컬러 밴딩을 실시간으로 줄여주고, Panasonic의 독자적인 블랙 레벨 보정 기술은 평면 및 곡면 스크린에서도 자연스럽고 매끄러운 화면 연결을 제공합니다.

03 | 안심하고 사용할 수 있는 높은 신뢰성

방진 설계의 광학 엔진과 고효율 액체 냉각 시스템을 적용하여 최대 20,000시간[5] 동안 유지보수 부담 없는 운용이 가능합니다. 또한 멀티 레이저 드라이브 엔진과 백업 입력 기능[6]이 시스템의 신뢰성을 높여 예기치 않은 화면 중단 가능성을 줄여주며, 개선된 전원 설계를 통해 AC 100~120V 전원에서도 최대 15,000lm[7]의 밝기를 지원합니다.

PT-RQ25K Series				
	PT-RQ25K	PT-RZ24K	PT-RQ18K	PT-RZ17K
Light Output	20,000 lm[8] / 20,000 lm (ANSI)[9] / 21,000 lm (Center)[10]		16,000 lm[8] / 16,000 lm (ANSI)[9] / 16,800 lm (Center)[10]	
Resolution	4K (3840 x 2400 pixels)[2]	WUXGA (1920 x 1200 pixels)	4K (3840 x 2400 pixels)[2]	WUXGA (1920 x 1200 pixels)

DLP TEXAS INSTRUMENTS · SOLID SHINE LASER · 4K PROFESSIONAL [2] · QUAD PIXEL DRIVE [2] · 4K DIGITAL LINK [11, 12] · ACCEPTS 4K SIGNAL [12] · intel smart display module ready · 360° · Geo.Pro · 24/7 Operation · 3D PROFESSIONAL [13]

1 Refer to specifications individual model brightness. 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 PT-RQ25K/RQ18K only. Maximum physical resolution 3840 x 2400 pixels with Quad Pixel Drive [ON]. 3 Optional ET-FMP50/FMP20 (box type) and ET-SBFMP10 (function board type) media processors are sold separately. 4 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. 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. Panasonic Projector & Display Corporation recommends checkup at point of purchase after about 20,000 hours. Light-source lifetime may be reduced depending on environmental conditions. Replacement of parts other than the light source may be required in a shorter period. Estimated maintenance time varies depending on environment. 6 Terminal assignment is fixed. Input signals to primary and backup inputs must be identical. 7 Maximum light output is limited to approximately 15,000 lm. 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. 8 With ET-D3LES20 Zoom Lens and AC 200–240 V power supply. Value varies depending on the lens. When [OPERATING MODE] is set to [NORMAL]. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped. 9 Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped. 10 Average light output value of all shipped products measured at the center of the screen in NORMAL Mode. 11 Only when the optional TY-SB01DL DIGITAL LINK Terminal Board is loaded. 12 Input signals are converted to WUXGA (1920 x 1200) for the PT-RZ24K/RZ17K only. YPBPR 4:2:0 format only for 4K/60p and 4K/50p signals input via DIGITAL LINK. 13 PT-RZ24K/RZ17K only.

경량·콤팩트한 3-Chip DLP™ 성능

RQ25K 시리즈는 동급 제품 중 가장 작고 가벼운 3-Chip DLP™ 4K[1] 프로젝터입니다[2]. 2인만으로도 손쉽게 운반 및 설치할 수 있어 설치 공간이 제한된 환경에서도 뛰어난 몰입형 프로젝션을 구현합니다. 소형화된 광학 엔진과 전원부, 고효율 냉각 시스템, 개선된 광학 부품 소재를 적용해 어떤 규모의 이벤트에서도 최상급 3-Chip DLP™ 성능을 제공하는 혁신적인 설계를 완성했습니다.

사용자 지정 테스트 패턴 저장 및 불러오기

기본 제공되는 10개의 테스트 패턴 외에도 USB 메모리 또는 네트워크를 통해 최대 3개의 사용자 지정 테스트 패턴[3]을 프로젝터에 저장할 수 있습니다. 자주 사용하는 테스트 패턴이나 고객 콘텐츠를 저장해 영상 소스를 연결하기 전에도 프로젝터를 손쉽게 보정할 수 있어, 현장 설치 시간을 효과적으로 단축할 수 있습니다.

확장성과 유연성을 높인 연결성

Intel® SDM 표준을 지원하는 SLOT을 통해 Panasonic 전용 또는 타사[4] 기능 보드를 손쉽게 장착할 수 있어 시스템 확장과 연결 구성이 더욱 유연해집니다. 또한 옵션 FMP50 시리즈 미디어 프로세서[5]와 연동하여 멀티 프로젝션 워크플로우를 간소화할 수 있습니다. 박스형 및 보드형으로 제공되는 프로세서는 Intel® SDM 표준 SLOT에 장착되며, 수동 또는 카메라 기반 자동[6] 워핑·블렌딩 기능과 4K 미디어 재생 기능을 지원합니다.

AC 100–120V 및 AC 200–240V 전원 지원[7]

AC 200–240V 환경에서는 최대 밝기를 제공하며, AC 100–120V 환경에서도 최대 15,000lm[8]의 밝기를 구현합니다. AC 100–120V 전원 환경에서는 고전압 전원 공사가 완료되기 전에도 일반 전원을 이용해 즉시 설치와 보정을 시작할 수 있습니다. 예상치 못한 전원 인프라 지연에도 작업을 중단하지 않고 일정에 맞춰 설치를 진행할 수 있어, 이벤트 현장의 작업 효율을 높여줍니다.

■ Other Features

- Supports Art-Net DMX, PJLink™, Crestron Connected® V2, and Crestron® XiO Cloud
- Compatible with IPv6[9]
- DICOM Simulation Mode
- Multi-screen Support System
- Multi-Unit Brightness and Color Control
- Waveform Monitor function
- Quick Start and Quick Off
- Power Management System

1 PT-RQ25K/RQ18K only. Maximum physical resolution 3840 x 2400 pixels with Quad Pixel Drive [ON]. 2 Based on publicly available dimensions and weight for 3-Chip DLP™ laser projectors with 16,000 lm brightness and above as of July 2025. 3 Supports PNG and BMP formats with maximum resolution of 3840 x 2400 dots (PT-RQ25K/RQ18K) or 1920 x 1200 dots (PT-RZ24K/RZ17K). 4 Optional function boards sold separately. The operation of third-party devices cannot be guaranteed. 5 ET-FMP50/FMP20 (box type) and ET-SBFMP10 (function board type) media processors are sold separately. 6 Compatible cameras (sold separately) comprise NIKON® D5200/D5300/D5500/D5600/D7500/Z50 and the IDS CV-5890CP-C-HQ. See the global projector website for details on compatible cameras. 7 Japan and the Americas only. 8 Maximum light output is limited to approximately 15,000 lm. 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 Optional AJ-WM50 Series Wireless Module is not compatible with IPv6.

Specifications

Model		PT-RQ25K	PT-RZ24K	PT-RQ18K	PT-RZ17K
Projector type		3-Chip DLP™ projector			
DLP™ chip	Panel size	20.3 mm (0.8 in) diagonal (16:10 aspect ratio)			
	Number of pixels	2,304,000 (1920 x 1200 pixels) x 3			
Light source		Laser diode			
Light output[1, 2]		20,000 lm[3] / 20,000 lm (ANSI)[4] / 21,000 lm (Center)[5]		16,000 lm[3] / 16,000 lm (ANSI)[4] / 16,800 lm (Center)[5]	
Time until light output declines to 50 %[6]		20,000 hours (NORMAL/QUIET), 24,000 hours (ECO)			
Resolution		4K (3840 x 2400 pixels) (Quad Pixel Drive: ON)	WUXGA (1920 x 1200 pixels)	4K (3840 x 2400 pixels) (Quad Pixel Drive: ON)	WUXGA (1920 x 1200 pixels)
Contrast ratio[3]		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-D3LEU101/D3LEW201			
Center-to-corner zone ratio[3]		90 %			
Lens		Optional (no lens included with this model)			
Lens shift (From the origin point of the lens mounter)	Vertical	±66 % (±52 % with ET-D75LE6/ET-D3LEW60, +71 % / +93 % with ET-D75LE95, ±66 % with ET-D3LEU101, ±57 % with ET-D3LEW201) (powered)			
	Horizontal	±24 % (±18 % with ET-D75LE6/ET-D3LEW60, ±14 % with ET-D75LE95, -25 % / +30 % with ET-D3LEU101, ±18 % with ET-D3LEW201) (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, ±8 ° with ET-D3LEU101, +5 ° with ET-D75LE95), Horizontal: ±40 ° (±15 ° with ET-D3LEW50/ET-D75LE6/ET-D3LEW60, ±5 ° with ET-D3LEU101/ET-D3LEW201, 0 ° with ET-D75LE95) When [VERTICAL KEYSTONE] and [HORIZONTAL KEYSTONE] are used simultaneously, correction cannot be made exceeding a total of 55 °.			
Terminals	HDMI™ 1/2 IN	HDMI™ x 2 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input[7])			
	DisplayPort™	DisplayPort™ x 1 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input[7])			
	MULTI PROJECTOR SYNC IN	BNC x 1	—	BNC x 1	—
	MULTI PROJECTOR SYNC OUT	BNC x 1	—	BNC x 1	—
	MULTI PROJECTOR SYNC IN/ 3D SYNC 1 IN/OUT (dual purpose)	—	BNC x 1	—	BNC x 1
	MULTI PROJECTOR SYNC OUT/ 3D SYNC 2 OUT (dual purpose)	—	BNC x 1	—	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 (for wired remote control)			
	REMOTE 2 IN	D-sub 9-pin (female) x 1 for external control (parallel)			
	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 AJ-WM50 Series Wireless Module/USB memory			
	DC OUT	USB Type A x 1 (for power supply, DC 5 V, 2 A)			
	Expansion slot	Open slot for function boards, Intel® SDM standard-compatible			
Power supply		Single-phase AC 100 V–120 V / Single-phase 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[8].)			
Power consumption[9]	Maximum power consumption	AC 200 V–AC 240 V : 1,490 W (1,520 VA) AC 100 V–AC 120 V : 1,080 W (1,090 VA)	AC 200 V–AC 240 V : 1,470 W (1,520 VA) AC 100 V–AC 120 V : 1,060 W (1,090 VA)	AC 200 V–AC 240 V : 1,190 W (1,220 VA) AC 100 V–AC 120 V : 1,080 W (1,090 VA)	AC 200 V–AC 240 V : 1,170 W (1,220 VA) AC 100 V–AC 120 V : 1,060 W (1,090 VA)
	On-mode power consumption (Operating mode) [NORMAL]	1,330 W	1,310 W	1,030 W	1,010 W
	[ECO]	1,040 W	1,020 W	820 W	800 W
	[QUIET]	1,030 W	1,010 W	810 W	790 W
Operation noise[3]		46 dB (NORMAL/ECO), 43 dB (QUIET)		43 dB (NORMAL/ECO), 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)			
Weight[10]		Approx. 35 kg (77.2 lbs)			
Operating environment		Operating temperature: 0–45 °C (32–113 °F)[11], operating humidity: 10–80 % (no condensation)			
Applicable software		Logo Transfer Software, Multi Monitoring & Control Software, Projector Network Setup Software, Geometry Manager Pro, Smart Projector Control for iOS/Android™			

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 °C (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 °C (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 °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). In the following operating environments, light output may be reduced to protect the projector: when the projector is used at altitudes below 2,700 m (8,858 ft) and ambient temperature is 30 °C (86 °F); and when the projector is used at altitudes between 2,700 m (8,858 ft) and 4,200 m (13,780 ft) exclusive and ambient temperature is 25 °C (77 °F) or higher.

Optional Accessories

- **Fisheye Lens** ET-D3LEF70
  Note: Equipped with Auto Lens Identification Function.
- **Fixed-Focus Lens** ET-D75LE95 / ET-D3LEU101[1] / ET-D3LEW50[1]
  1 Equipped with Auto Lens Identification Function.
- **Zoom Lens**
  ET-D3LEW201[1] / ET-D3LEW300[1] / ET-D3LEW600[1] /ET-D3LEW60[1] / ET-D75LE6 / ET-D3LEW10[1] / ET-D75LE10 / ET-D3LES20[1] / ET-D75LE20 / ET-D3LET30[1] / ET-D75LE30 / ET-D3LET40[1] / ET-D75LE40 / ET-D3LET80[1] / ET-D75LE8
  1 Equipped with Auto Lens Identification Function and Stepping Motor.
- **Ceiling Mount Bracket**
  ET-PKD520H (for high ceilings) / ET-PKD520S (for low ceilings)
  Note: ET-PKD520H/PKD520S is used in combination with ET-PKD521B (sold separately).
- **Attachment for Ceiling Mount Bracket** ET-PKD521B
- **Lens Fixed Attachment**
  ET-PLF10 (For ET-D3LEF70) /
  ET-PLF20 (For ET-D3LEU101 / LEW201)
  Note: This attachment may be required in some installation environments.
- **Stepping Motor Kit** ET-D75MKS10
  Note: Calibration is required each time the lens is mounted.
- **ET-FMP50 Series Media Processors**
  ET-FMP50 / ET-FMP20 / ET-SBFMP10
  Note: For more information, please visit: https://docs.connect.panasonic.com/projector/products/fmp50/.
- **Function Boards**
  12G-SDI Terminal Board (TY-SB01QS) / Wireless Presentation System Receiver Board (TY-SB01WP) / 12G-SDI Optical Function Board (TY-SB01FB)
- **Wireless Module** AJ-WM50 Series
  Note: Availability may vary by country or region. The suffix at the end of the model number is omitted. Operating temperature: 0–40 °C (32–104 °F).
- **NFC Upgrade Kit** ET-NUK10
  Note: Product availability may vary by country or region.
- **Wireless Presentation System PressIT** TY-WPS2 (basic set)
  Note: Visit https://docs.connect.panasonic.com/prodisplays/products/ty-wps2/ for more information.

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