Panasonic CONNECT

World's most compact 50,000 lumen Laser Projector with Native 4K Resolution...

PT-RQ50K

The PT-RQ50K is an all-in-one projector built to create breath-taking experiences with ease and reassurance. It combines Panasonic's finest image quality and long-proven reliability.

Key Features

- Laser 3-chip DLP, 50,000 lumens, Native 4K.
- Lamp-free laser projection with hermetically sealed optics and filter-less design, for 20,000 hours maintenance free operation
- Compact body allows for simplified transport, install and adjustment
- Dualised design provides the ultimate in backup and reliability...
- 20,000:1 contrast ratio...

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

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PT-RQ50K

https://oc.connect.panasonic.com/au/en/products/projectors/pt-rq50k

Projector type	3-Chip DLP™ projector
DLP™ Chip | Panel Size	35.1 mm (1.38 in) diagonal (17:9 aspect ratio)
DLP™ Chip | Display Method	DLP™ chip x 3, DLP™ projection system
DLP™ chip | Number of Pixels	8,847,360 (4096 x 2160) pixels x 3
Light Source	Laser diodes (Blue LD, Red LD)
Light output	50,000 lm*1 / 51,000 lm (Center)*2
Time until light output declines to 50 %*3	20,000 hours (NORMAL)
Contrast Ratio*1	20,000:1 (Full On/Full Off, Dynamic Contrast Mode: 3)
Screen size [diagonal]	2.54–38.1 m (100–1,500 in) with new optional lens for PT-RQ50K, 17:9 aspect ratio
Center-to-corner zone ratio*1	90 %
Lens	New optional lenses for PT-RQ50K (no lens included with this model)
Lens shift | Vertical (from center of screen)	±45 % (±25 % with ET-D3QT600, ±30 % with ET-D3QT700/ET-D3QT800, ±40 % with ET-D3QW300) (powered)
Lens shift | Horizontal (from center of screen)	±16 % (±8 % with ET-D3QT600, ±10 % with ET-D3QT700/ET-D3QT800, ±14 % with ET-D3QW300) (powered)
Keystone Correction Range	Vertical: ±40° (±28° with ET-D3QW300), Horizontal: ±40° (±15° with ET-D3QW300)
Installation	Horizontal/vertical, free 360-degree installation
Terminals | Multi Projector Sync In	BNC x 1
Terminals | Multi Projector Sync Out	BNC x 1
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	RJ-45 x 1 for network and DIGITAL LINK connections (HDBaseT™ compliant), PJLink™ (Class 2) compatible, 100Base-TX, Art-Net compatible, HDCP 2.2 compatible, Deep Color compatible
Terminals | LAN	RJ-45 x 1 for network connection, PJLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible
Terminals | DC Out	USB connector (Type A) x 2 for power supply only (DC 5 V, total of 2 A)
Terminals | USB	USB connector (Type A) x 1 for optional Wireless Module (AJ-WM50 Series) / USB Memory Stick
Terminals | Expansion Slot 1	Interface Board for 12G-SDI (ET-MDN12G10) supplied
Terminals | Expansion Slot 2	Optional interface boards, SLOT NX compatible
Power Supply	AC 200–240 V, 50/60 Hz; AC 100–120 V, 50/60 Hz (Brightness restricted to one fifth with voltage of 100–120 V)
Power Consumption	4,100 W (AC 100–120 V: 1,100 W, Standby Mode: 6 W)
Cabinet Materials	Metal (Partly Plastic Mold)
Operation noise*1	52 dB
Dimensions (W x H x D)	720 x 445 x 1,070 mm (28 11/32˝ x 17 17/32˝ x 42 1/8˝) (excluding handle, adjuster feet, and other protruding parts)
Weight*4	Approx. 126 kg (278 lbs) (without lens)
Operating Environment	Operating temperature: 0–45 °C (32–113 °F)*5 *6 *7 , operating humidity: 10–80 % (no condensation)
Applicable Software	Logo Transfer Software, Multi Monitoring & Control Software, Geometry Manager Pro, Smart Projector Control for iOS/Android™
Note	*1 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2012 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/m3 of particulate matter. Estimated time until light output declines to 50 % varies depending on environment. *4 Average value. May differ depending on the actual unit. *5 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). *6 When optional AJ-WM50 wireless module is attached, operating temperature range becomes 0–40 °C (32–104 °F). *7 When using the projector at an altitude lower than 2,700 m (8,858 ft) above sea level, and the operating environment temperature becomes 30 °C (86 °F) or higher, the light output may be reduced to protect the projector. When using the projector at an altitude between 2,700 m (8,858 ft) and 4,200 m (13,780 ft), and the operating environment temperature becomes 25 °C (77 °F) or higher, the light output may be reduced to protect the projector.