Panasonic CONNECT

Stunning image quality in a compact body designed for large venues. Laser light source, 3-chip DLP, 27000 centre lumens, 4K+, maintenance-free projector.

PT-RQ32K

30 000 lumens-class 4K+ Solid Shine Laser ProjectorStunning image quality in a compact body designed for large venuesExchangeable lens, 24/7 Operation, Geometric Adjustment, 360° flexible installation.

Key Features

- Laser 3-chip DLP, 27000 lumens (centre), 4K+
- Lamp-free laser projection with dust resistant liquid cooling system for 20000 hours maintenance free operation
- 5K pixel performance with a quad pixel drive system on a WQXGA chipset
- 240Hz high frame rate for superb and sharp motion pictures
- 20,000:1 contrast ratio

SOLID SHINE LASER

SOLID SHINE LASER WARRANTY

4K PROFESSIONAL

Panasonic CONNECT




PT-RQ32K

https://eu.connect.panasonic.com/de/en/products/projectors/pt-rq32k

Brightness	27000 lumens (centre)
Technology	3-chip DLP Laser
Resolution	5120 x3200 pixels when Quad Pixel Drive set to ON
Brightness*4	Varies depending on operation mode setting. 26,000 lm*2*4/27,000 lm*3*4 (Center) (HIGH) 21,600 lm*2*4/22,500 lm*3*4 (Center) (NORMAL) 12,000 lm at constant luminance (LONG LIFE 1) 10,000 lm at constant luminance (LONG LIFE 2) 8,000 lm at constant luminance (LONG LIFE 3)
Light Source	Laser Diode Laser class 1
DLP™ Chip | Panel Size	22.9mm (0.9 inches) diagonal (16:10 aspect ratio)
DLP™ Chip | Display Method	DLP™ chip x 3 (R, G, B), DLP™ projection system
DLP™ Chip | Pixels	4,096,000 (2560 x1600) x3, total of 12,288,000 pixels
Contrast*2	20,000:1 (full on/full off, in Dynamic Contrast 3 mode)
Illumination Life of Set	Varies depending on operation mode setting. Luminance life for set: 18,000 hours at half luminance (HIGH)/ 8,000 hours at 70% luminance 20,000 hours at half luminance (NORMAL) 43,800 hours at constant luminance (LONG LIFE 1)/ 61,320 hours at constant luminance (LONG LIFE 2)/ 87,600 hours at constant luminance (LONG LIFE 3) * IEC62087: 2008 Broadcast contents, Dynamic contrast [3]
Power Supply	100 V - 120 V / 200 V - 240 V - (100 V - 120 V / 200 V - 240 V alternating current), 50 Hz/60 Hz (PT-RQ32K) 200 V - 240 V - (200 V - 240 V alternating current)
Power Consumption	50 Hz/60 Hz (PT-RQ32KD) 2,950 W (12 A/16 A) (PT-RQ32K) 2,950 W (16.1 A) (PT-RQ32KD) Average power consumption Varies depending on operation mode setting.) HIGH: 2,400W NORMAL: 2,000W LONG LIFE 1: 1,190-1,780W LONG LIFE 2: 1,060-1,700W LONG LIFE 3: 926-1,580W *Operating Temperature: 25, Altitude: 700m (2,297ft), IEC627087: 2008 Broadcast contents, Picture mode: Standard, Dynamic contrast [2] 0.3 W with STANDBY MODE set to ECO*1 4 W with STANDBY MODE set to NORMAL
BTU Value	Max 10,079 BTU
Lens	Optional powered zoom/focus lenses.
Center-to-Corner Uniformity*2	90%
Filter Life	Varies depending on operation mode setting and environment.
Filter Life | Normal Filter	4,000 hours (NORMAL)/2,000 hours (HIGH)/ 20,000 hours (LONG LIFE 1/2/3)
Filter Life | Long Life Filter Unit	20,000 hours (NORMAL)/4,000 hours (HIGH)/ 40,000 hours (LONG LIFE 1/2/3)
Screen Size	1.78-25.4 m (70-1,000 inches) (16:10 aspect ratio) 1.78-15.24 m (70-600 inches) with the ET-D75LE8 (16:10 aspect ratio) 3.05-15.24 m (120 - 600 inches) with the ET-D75LE95 (16:10 aspect ratio)
Compatible Signal | SDI Signal Input	SD-SDI signal HD-SDI signal 3G-SDI signal

Compatible Signal | DIGITAL LINK Signal Input	• Moving image signal resolution: 480/60i*5, 576/50i*5 to 4096 x 2160 Still image signal resolution: 640 x 400 to 3840 x 2400 (non-interlace) • Dot clock frequency: 25 MHz to 297 MHz
Compatible Signal | HDMI Signal Input	This is supported when the optional Interface Board for HDMI 2 input (Model No.: ET-MDNHM10) is installed in the slot. • Moving image signal resolution: 480/60i*5, 576/50i*5 to 4096 x 2160 Still image signal resolution: 640 x 400 to 3840 x 2400 (non-interlace) • Dot clock frequency: 25 MHz to 594 MHz
Compatible Signal | DVI-D Signal Input	This is supported when the optional Interface Board for DVI-D 2 input (Model No.: ET-MDNDV10) is installed in the slot. • Moving image signal resolution: 480/60i*5, 576/50i*5 to 2048 x 1080 Still image signal resolution: 640 x 400 to 1920 x 1200 (non-interlace) • Dot clock frequency: 25 MHz to 162 MHz
Optical Axis Shift | Vertical	±59% (±56% with the ET-D75LE6), (+69-84% with the ET-D75LE95), from center of screen, powered
Optical Axis Shift | Horizontal	±29% (±19% with the ET-D75LE6), (±21% with the ET-D75LE95), from center of screen, powered NOTE: Optical axis shift function cannot be operated when used with the ET-D75LE50.
Installation	Ceiling/floor, front /rear, free 360-degree installation
Terminals | SDI In 1	BNC x 1 SD-SDI signal SMPTE ST 259 compliant HD-SDI signal SMPTE ST 292 compliant 3G-SDI signal SMPTE ST 424 compliant Dual link HD-SDI (LINK-A) signal SMPTE ST 372 compliant Dual link 3G-SDI (Link 1) signal SMPTE ST 425 compliant Quad-link HD-SDI (Link 1) signal Quad-link 3G-SDI (Link 1) signal SMPTE ST 425 compliant
Terminals | SDI In 2	BNC x 1 SD-SDI signal SMPTE ST 259 compliant HD-SDI signal SMPTE ST 292 compliant 3G-SDI signal SMPTE ST 424 compliant Dual link HD-SDI (LINK-B) signal SMPTE ST 372 compliant Dual link 3G-SDI (Link 2) signal SMPTE ST 425 compliant Quad-link HD-SDI (Link 2) signal Quad-link 3G-SDI (Link 2) signal SMPTE ST 425 compliant
Terminals | SDI In 3	BNC x 1 SD-SDI signal SMPTE ST 259 compliant HD-SDI signal SMPTE ST 292 compliant 3G-SDI signal SMPTE ST 424 compliant Dual link HD-SDI (LINK-A) signal SMPTE ST 372 compliant Dual link 3G-SDI (Link 1) signal SMPTE ST 425 compliant Quad-link HD-SDI (Link 3) signal Quad-link 3G-SDI (Link 3) signal SMPTE ST 425 compliant
Terminals | SDI In 4	BNC x 1 SD-SDI signal SMPTE ST 259 compliant HD-SDI signal SMPTE ST 292 compliant 3G-SDI signal SMPTE ST 424 compliant Dual link HD-SDI (LINK-B) signal SMPTE ST 372 compliant Dual link 3G-SDI (Link 2) signal SMPTE ST 425 compliant Quad-link HD-SDI (Link 4) signal Quad-link 3G-SDI (Link 4) signal SMPTE ST 425 compliant
Terminals | DIGITAL LINK/LAN	RJ-45 x 1 (for network, DIGITAL LINK connection, 100Base-TX,compatible with Art-Net, PJLink? (class 1), Deep Color, HDCP)
Terminals | Multi Projector Sync In	BNC x 1, IN : TTL Hi-z
Terminals | Multi Projector Sync Out	BNC x 1, TTL max10mA
Terminals | Serial In	D-sub 9 pin x 1 for external control (RS-232C compliant)
Terminals | Serial Out	D-sub 9 pin x 1 for link control (RS-232C compliant)
Terminals | Remoter 1 In	M3 stereo mini jack x 1 for wired remote control
Terminals | Remoter 1 Out	M3 stereo mini jack x 1 for link control
Terminals | Remoter 2 In	D-sub 9 pin x 1 for external control (parallel)
Terminals | DC Out 5V	USB connector (type A) x 2 for power supply only (DC 5V, Max.900mA)
Terminals | Expansion Slot	x 2 (SLOT 1, SLOT 2), SLOT NX(Compatible with Optional Board)
Power Cord Length	3.0 m (9 ft 10 in) ft
Cabinet Materials	Processed metal parts, Molded plastic

Dimensions (W x H x D)	700 x 418*6x1,250 mm (27-9/16 x 16-15/32 x 49-7/32 inches) (with protrusion parts) 700 x 373*7x1,070 mm (27-9/16 x 14-11/16 x 42-1/8 inches) (without protrusion parts)
Weight*8	83 kg (183 lbs)
Operation Noise*2	49 dB
Operating Temperature	Varies depending on operation mode setting. HIGH/NORMAL The operating temperature range is 0°C to 45°C (32 °F to 113 °F). (Less than 1,400m (4,593 ft) above sea level) The operating temperature range is 0°C to 40°C (32 °F to 104 °F). (Less than 1,400m (4,593 ft) to 4,200m (13,780 ft) above sea level) • If using at ambient operating temperatures of 35 °C (95 °F) or higher and at less than 2,700m (8,858 ft) above sea level, or at ambient operating temperatures of 25 °C (77 °F) or higher and between 2,700m (8,858 ft) and 4,200m (13,780 ft) above sea level, the brightness of the light source may drop in order to protect the projector. LONG LIFE 1/2/3 The operating temperature range is 0°C to 40°C (32 °F to 104 °F). (Less than 2,700m (8,858 ft) above sea level) • If using at ambient operating temperatures of 35 °C (95 °F) or higher, the brightness of the light source may drop in order to protect the projector. When using a smoke cut lter (regardless of operating mode) 0 °C to 40 °C (32 °F to 104 °F) Less than 1,400 m (4,953 ft) above sea level
Operating Humidity	10%-80% (no condensation)
Note	*1 When the standby mode is set to eco, network functions such as power on over the LAN network will not operate, and the serial output terminal cannot be used. Also, only certain commands can be received for external control using the serial terminal. *2 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. *3 The value of the light output at the center region of the projected image is extracted based on the light output measurement method defined by the ISO/IEC 21118:2012 international standards. *4 In AC200V, When using a projection lens other than ET-D75LE95. *5 Pixel-Repetition signal(dot clock frequency 27.0MHz) only *6 With legs at shortest position. *7 Without legs. *8 Average value. May differ depending on the actual unit.