Panasonic CONNECT

Stunning image quality in a compact body designed for large venues. Laser light source, 3-chip DLP, 31 000 centre lumens, SXGA+, maintenance-free projector.

PT-RS30K

30 000 lumens-class Solid Shine Laser ProjectorStunning image quality in a compact body designed for large venuesExchangeable lens, 24/7 Operation, Digital Link, Geometric Adjustment, 360° flexible installation, 3D

Key Features

- Laser 3-chip DLP, 31000 lumens (centre), SXGA+
- Lamp-free laser projection and dust resistant liquid cooling system with 20000 hours of free maintenance
- 120Hz high frame rate for superb and sharp motion pictures
- 20,000:1 contrast ratio
- Geometric Manager Pro, colour matching and edge blending

SOLID SHINE LASER

SOLID SHINE LASER WARRANTY

3D PROFESSIONAL

24/7 Operation

360°

Geo. Pro

Panasonic CONNECT




PT-RS30K

https://eu.connect.panasonic.com/pl/en/products/projectors/pt-rs30k

Power Supply	AC 100-120 V, 50/60 Hz; AC 200-240 V, 50/60 Hz
Power Consumption	2,870 W (2,870 VA AC200V) Average power consumption Varies depending on operation mode setting.) HIGH: 2,310W NORMAL: 1,890W LONG LIFE 1: 1,040-1,680W LONG LIFE 2: 924-1,580W LONG LIFE 3: 794-1,460W *Operating Temperature: 25 °C (77 °F), Altitude: 700m (2,297ft), IEC627087: 2008 Broadcast contents, Picture mode: Standard, Dynamic contrast [2] 0.3 W with STANDBY MODE set to ECO 4 W with STANDBY MODE set to NORMAL
BTU Value	Max 9,806 BTU
DLP™ Chip | Panel Size	24.1 mm (0.95 inches) diagonal (4:3 aspect ratio)
DLP™ Chip | Display Method	DLP™chip x 3 (R, G, B), DLP™projection system
DLP™ Chip | Pixels	1,470,000 (1400 x1050) x3, total of 4,410,000 pixels
Lens	Optional powered zoom/focus lenses
Light Source	Laser Diode Laser class 1
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]
Filter Life	Varies depending on operation mode setting.
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) (4:3 aspect ratio) 1.78-15.24 m (70-600 inches) with the ET-D75LE8 (4:3 aspect ratio) 3.05-15.24 m (120-600 inches) with the ET-D75LE95 (4:3 aspect ratio)
Brightness*1	Varies depending on operation mode setting. 30,000 lm*2*4/31,000 lm*3*4 (Center) (HIGH) 25,000 lm*2*4/26,000 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)
Center-to-Corner Uniformity*1	90%
Contrast*1	20,000:1 (full on/full off, in Dynamic Contrast 3 mode)
Resolution	1400 x1050 pixels (Input signals that exceed this resolution will be converted to 1400 x1050 pixels.)
Scanning Frequency | Video/Y/C	fH:15.73KHz fV:59.94Hz, fH:15.63KHz fV:50Hz
Scanning Frequency | RGB	• Resolution: 640 x 400 pixels to 1920 x 1200 pixels • Dot clock frequency: 162MHz or less • PIAS (Panasonic Intelligent Auto Scanning)
Scanning Frequency | YPBPR (YCBCR)	• Resolution: 480i/576i to 1920 x 1080 pixels • Dot clock frequency: 148.5MHz or less • The SYNC/HD and VD terminals do not support 3 value SYNC.
Scanning Frequency | DVI	• Moving image signal resolution: 480i*5/576i*5 to 1920x1080 Still image signal resolution: 640 x 400 to 1920 x 1200 (non-interlace) • Dot clock frequency: 25 MHz to 162 MHz

Scanning Frequency | HDMI/DIGITAL LINK	• Moving image signal resolution: 480i*5/576i*5 to 1920x1080 Still image signal resolution: 640 x 400 to 1920 x 1200 (non-interlace) • Dot clock frequency: 25 MHz to 162 MHz
Scanning Frequency | SDI	SD-SDI signal HD-SDI signal 3G-SDI signal
Optical Axis Shift | Vertical	±50% (±40% with the ET-D75LE6), (+67-71% with the ET-D75LE95), from center of screen, powered
Optical Axis Shift | Horizontal	±30% (±20% with the ET-D75LE6), (±8% 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 | RGB 1 In	BNC x 5
Terminals | RGB 1 In | R, G, B	R: 0.7 Vp-p, 75 ohms, G: 0.7 Vp-p (G: 1.0 Vp-p for sync on G), 75 ohms, B: 0.7 Vp-p, 75 ohms HD, VD/SYNC: TTL, high impedance, positive/negative automatic
Terminals | RGB 1 In | Y, PB, PR (Y, CB, CR)	Y: 1.0 Vp-p (including sync signal), PB/PR (CB/CR): 0.7 Vp-p, 75 ohms
Terminals | RGB 1 In | Y/C	Y: 1.0 Vp-p (including sync signal), C: 0.286 Vp-p, 75 ohms
Terminals | RGB 1 In | Video in	BNC x 1, 1.0 Vp-p, 75 ohms
Terminals | RGB 2 In	D-sub HD 15-pin (female) x 1
Terminals | RGB 2 In | R, G, B	R: 0.7 Vp-p, 75 ohms, G: 0.7 Vp-p (G: 1.0 Vp-p for sync on G), 75 ohms, B: 0.7 Vp-p, 75 ohms HD, VD/SYNC: TTL, high impedance, positive/negative automatic
Terminals | RGB 2 In | Y, PB, PR (Y, CB, CR)	Y: 1.0 Vp-p (including sync signal), PB/PR (CB/CR): 0.7 Vp-p, 75 ohms
Terminals | DVI-D In	DVI-D 24-pin x1 Single link, DVI 1.0 compliant, HDCP compatible
Terminals | HDMI In	HDMI 19-pin x1 HDCP compatible, Deep Color compatible
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
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
Terminals | DIGITAL LINK	RJ-45 HDBaseT™ compliant, HDCP compatible, Deep Color compatible
Terminals | 3D Sync 1 In/Out / Multi Projector Sync In	BNC x 1, IN : TTL Hi-z OUT : TTL max10mA
Terminals | 3D Sync 2 Out/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
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 | 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 | DC Out 5V	USB connector (type A) x 2 for power supply only (DC 5V, Max.900mA)
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*8x1,250 mm (27-9/16 x 16-15/32 x 49-7/32 inches) (with protrusion parts) 700 x 373*9x1,070 mm (27-9/16 x 14-11/16 x 42-1/8 inches) (without protrusion parts)
Weight*10	79 kg (174.2 lbs)
Operation Noise*2	49 dB

Operating Temperature	Varies depending on operation mode setting. HIGH/NORMAL The operating temperature range is 0°C to 50°C (32 °F to 122 °F). (Less than 1,400m (4,593 ft) above sea level) The operating temperature range is 0°C to 45°C (32 °F to 113 °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 45°C (32 °F to 113 °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	For details of the types of video signals that can be used with the projector, refer to “List of compatible signals” *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 Only the vertical keystone correction angle can be corrected in the direction in which the projector body moves away from the screen. *7 When [VERTICAL KEYSTONE] and [HORIZONTAL KEYSTONE] are used simultaneously, correction cannot be made exceeding total of 55°. *8 With legs at shortest position. *9 Without legs. *10 Average value. May differ depending on the actual unit.
Brightness	30,000 lm/ 31,000 lm (Center)
Technology	3-Chip DLP Laser