



Etkinlik ve sahne gösterilerinde uzun süreli, tutarlı parlaklık için tasarlanmıştır. Lazer ışık kaynağı, 3 çipli DLP, 10.000 lümen, 4K+ çözünürlüklü projektör.

PT-RQ13

En küçük ve en hafif 4K+ Solid Shine lazer Projektör Etkinlik ve sahne gösterilerinde uzun süreli, tutarlı parlaklık için tasarlanan 10.000 lümen sınıfı lazer projektör Değişirilebilir lens - 7/24 Çalışma, Digital Link, 240 Hz Yüksek Kare Hızı, Geometrik Ayarlama, Portre Modu, Digital Link, 20.000:1

Key Features

Lazer 3 çipli DLP, 10.000 lümen, 4K+

WQXGA yonga setinde dörtlü piksel sürücü sistemiyle 5K piksel performansı

Harika ve keskin hareketli görüntüler için 240 Hz'lik yüksek kare hızı

Toza dayanıklı sıvı soğutma sistemine ve bakım gerektirmeden 20.000 saatlik çalışma süresine sahip lambasız lazer projeksiyonu

20.000:1 kontrast oranı





PT-RQ13

<https://eu.connect.panasonic.com/tr/tr/products/projectors/pt-rq13>

Brightness	10,000 lumens	
Lamp	3-Chip DLP Laser	
Resolution	5,120 x 3,200 pixels (Quad Pixel Drive: ON)	
Power Supply	AC 100-240 V, 50/60 Hz	
Power Consumption	(Note: Brightness may decrease depending on power conditions)	
	1,270 W (0.3 W with STANDBY MODE set to ECO. 4 W with STANDBY MODE set to NORMAL),	
	Average power consumption	
	NORMAL: 913W ECO: 782W LONG LIFE1: 531-732W	
	LONG LIFE 2: 477-702W LONG LIFE 3: 423-665W	
DLP™ Chip Panel Size	22.9 mm (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 (2,560 x 1,600) x 3, total of 12,288,000 pixels
	49,152,000 (12,288,000 x 4) pixels when Quad Pixel Drive set to ON	
Refresh Rate	240 Hz	
Lens	Optional powered zoom/focus lenses	
Light Source	Laser Diode (Laser class: Class 1)*Class 3R for North America.	
	Luminance life for set: 20,000 hours at half luminance (normal)	
	24,000 hours at half luminance (Eco)	
	* Temperature: 35°C (95°F), Altitude 700m (22ft 12in), Dust: 0.15mg/m ³	
	43,800 hours at constant luminance (Longlife1)	
	61,320 hours at constant luminance (Longlife2)	
	87,600 hours at constant luminance (Longlife3)	
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-D75LE90 (16:10 aspect ratio)	
Center-to-Corner Uniformity	90%	
Contrast	20,000:1 (full on/full off, in Dynamic Contrast 3 mode)	

Scanning Frequency SDI	<p>SD-SDI signal SMPTE ST 259 compliant (YCBCR 4:2:2 10-bit): 480i, 576i</p> <p>Single-link HD-SDI signal SMPTE ST 292 compliant (YPBPR 4:2:2 10-bit): 720/60p, 720/50p, 1035/60i, 1080/60i, 1080/50i, 1080/25p, 1080/25sF, 1080/24p, 1080/24sF, 1080/30p, 1080/30sF</p> <p>Single-link 3G-SDI signal SMPTE ST 424 compliant (YPBPR 4:2:2 10-bit): 1080/60p, 1080/50p, 2048 x 1080/48p, 2048 x 1080/50p, 2048 x 1080/60p, (RGB 4:4:4 12-bit/10-bit, YPBPR 4:4:4 12-bit/10-bit): 1080/60i, 1080/50i, 1080/25p, 1080/25sF, 1080/24p, 1080/24sF, 1080/30p, 1080/30sF, (RGB 4:4:4 12-bit/10-bit, YPBPR 4:4:4 12-bit/10-bit, X'Y'Z' 4:4:4 12-bit): 2048 x 1080/24p, 2048 x 1080/24sF, 2048 x 1080/25p, 2048 x 1080/25sF, 2048 x 1080/30p, 2048 x 1080/30sF</p> <p>Dual-link HD-SDI signal SMPTE ST 372 compliant (YPBPR 4:2:2 10-bit): 1080/50p, 1080/60p, (RGB 4:4:4 12-bit/10-bit, YPBPR 4:4:4 12-bit/10-bit): 1080/60i, 1080/50i, 1080/24p, 1080/24sF, 1080/25p, 1080/25sF, 1080/30p, 1080/30sF, 2048 x 1080/24p, 2048 x 1080/24sF, 2048 x 1080/25p, 2048 x 1080/25sF, 2048 x 1080/30p, 2048 x 1080/30sF, (X'Y'Z' 4:4:4 12-bit*3): 2048 x 1080/24p, 2048 x 1080/24sF, 2048 x 1080/25p, 2048 x 1080/25sF, 2048 x 1080/30p, 2048 x 1080/30sF</p> <p>Dual-link 3G-SDI signal SMPTE ST 425 compliant (YPBPR 4:4:4 12-bit/10-bit): 1080/50p, 1080/60p, 2048 x 1080/48p, 2048 x 1080/50p, 2048 x 1080/60p, (RGB 4:4:4 12-bit/10-bit): 1080/50p, 1080/60p, 2048 x 1080/48p, 2048 x 1080/50p, 2048 x 1080/60p, (YPBPR 4:2:2 10-bit): 3840 x 2160/24p, 3840 x 2160/25p, 3840 x 2160/30p, 4096 x 2160/24p, 4096 x 2160/25p, 4096 x 2160/30p</p> <p>Quad-link HD-SDI signal (YPBPR 4:2:2 10-bit): 3840 x 2160/24sF, 3840 x 2160/24p, 3840 x 2160/25sF, 3840 x 2160/25p, 3840 x 2160/30sF, 3840 x 2160/30p, 4096 x 2160/24sF, 4096 x 2160/24p, 4096 x 2160/25sF, 4096 x 2160/25p, 4096 x 2160/30sF, 4096 x 2160/30p</p> <p>Quad-link 3G-SDI signal SMPTE ST 425 compliant (YPBPR 4:2:2 10-bit): 3840 x 2160/60p, 3840 x 2160/50p, 4096 x 2160/60p, 4096 x 2160/50p, (YPBPR 4:2:2 12-bit, YPBPR 4:4:4 10-bit/12-bit, RGB 10-bit/12-bit) 3840 x 2160/24sF, 3840 x 2160/24p, 3840 x 2160/25sF, 3840 x 2160/25p, 3840 x 2160/30sF, 3840 x 2160/30p, 4096 x 2160/24sF, 4096 x 2160/24p, 4096 x 2160/25sF, 4096 x 2160/25p, 4096 x 2160/30sF, 4096 x 2160/30p</p> <p>SDI1/SDI2 Simultaneous inputs (2 x speed): 1080/60p, 1080/50p (1st FRAME: SDI1, 2nd FRAME: SDI2)</p> <p>SDI1/SDI2/SDI3/SDI4 Simultaneous inputs (4 x speed): 1080/60p, 1080/50p (1st FRAME: SDI1, 2nd FRAME: SDI2, 3rd FRAME: SDI3, 4th FRAME: SDI4)</p> <p>DIGITAL LINK: Movie signal resolution : 480i/576i - 4096 x 2160, Still picture signal resolution : 640 x 400 - 2560 x 1600 (non-interlace), Dot clock frequency: 25 MHz - 297 MHz</p>
Keystone Correction Range	Vertical: $\pm 40^\circ$ ($\pm 22^\circ$ with the ET-D75LE50, $\pm 28^\circ$ with the ET-D75LE6, $+5^\circ$ with the ET-D75LE90), horizontal: $\pm 15^\circ$ (0° with the ET-D75LE90)
Optical Axis Shift Vertical	$\pm 59\%$ ($\pm 44\%$ with the ET-D75LE6), (+74-84% with the ET-D75LE90), from center of screen, powered
Optical Axis Shift Horizontal	$\pm 29\%$ ($\pm 19\%$ with the ET-D75LE6), (-12-16% with the ET-D75LE90), from center of screen, powered
Installation	NOTE: Optical axis shift function cannot be operated when used with the ET-D75LE50. Ceiling/floor, front/rear
Terminals SDI In 1	<p>BNC x 1,</p> <p>3G/HD/SD-SDI input, Dual-link input (LINK-A),</p> <p>Quad-link input</p> <p>SD-SDI signal SMPTE ST 259 compliant</p> <p>HD-SDI signal SMPTE ST 292 compliant</p> <p>3G-SDI signal SMPTE ST 424 compliant</p> <p>Dual-link HD-SDI signal SMPTE ST 372 compliant</p> <p>Dual-link 3G-SDI signal SMPTE ST 425 compliant</p> <p>Quad-link HD-SDI signal</p> <p>Quad-link 3G-SDI signal SMPTE ST 425 compliant</p>

Terminals SDI In 2	<p>BNC x 1,</p> <p>3G/HD/SD-SDI input, Dual-link input (LINK-B),</p> <p>Quad-link input</p> <p>SD-SDI signal SMPTE ST 259 compliant</p> <p>HD-SDI signal SMPTE ST 292 compliant</p> <p>3G-SDI signal SMPTE ST 424 compliant</p> <p>Dual-link HD-SDI signal SMPTE ST 372 compliant</p> <p>Dual-link 3G-SDI signal SMPTE ST 425 compliant</p> <p>Quad-link HD-SDI signal</p> <p>Quad-link 3G-SDI signal SMPTE ST 425 compliant</p>
Terminals SDI In 3	<p>BNC x 1,</p> <p>3G/HD/SD-SDI input, Dual-link input (LINK-A),</p> <p>Quad-link input</p> <p>SD-SDI signal SMPTE ST 259 compliant</p> <p>HD-SDI signal SMPTE ST 292 compliant</p> <p>3G-SDI signal SMPTE ST 424 compliant</p> <p>Dual-link HD-SDI signal SMPTE ST 372 compliant</p> <p>Dual-link 3G-SDI signal SMPTE ST 425 compliant</p> <p>Quad-link HD-SDI signal</p> <p>Quad-link 3G-SDI signal SMPTE ST 425 compliant</p>
Terminals SDI In 4	<p>BNC x 1,</p> <p>3G/HD/SD-SDI input, Dual-link input (LINK-B),</p> <p>Quad-link input</p> <p>SD-SDI signal SMPTE ST 259 compliant</p> <p>HD-SDI signal SMPTE ST 292 compliant</p> <p>3G-SDI signal SMPTE ST 424 compliant</p> <p>Dual-link HD-SDI signal SMPTE ST 372 compliant</p> <p>Dual-link 3G-SDI signal SMPTE ST 425 compliant</p> <p>Quad-link HD-SDI signal</p> <p>Quad-link 3G-SDI signal SMPTE ST 425 compliant</p>
Terminals Frame Sync In/Out	BNC x 1, (frame-synchronizing timing signal)
Terminals Frame Sync Out	BNC x 1, (frame-synchronizing timing signal)
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
Terminals Remoter 1 In/Out	M3 x 1 for link control (for wired remote control)
Terminals Remote 2 In	D-sub 9-pin (female) x 1 for external control (parallel)
Terminals DIGITAL LINK/LAN	<p>RJ-45 x 1 (for network, DIGITAL LINK connection (HDBase™ compatible),</p> <p>100Base-TX, compatible with Art-Net, PLink™ (class 1), Deep Color, HDCP2.2)</p>
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)
Cabinet Materials	Molded plastic
Dimensions (W x H x D)	<p>578 x 323.5 x 740 mm</p> <p>(22-3/4 x 12-23/32 x 29-1/8 inches) (with projections)</p> <p>578 x 270 x 725 mm</p> <p>(22-3/4 x 10-5/8 x 28-17/32 inches) (without lens, feet or projections)</p>
Weight	49 kg (108.0 lbs) (without lens)
Operating Noise	46 dB
Operating Temperature	<p>Ambient operating temperature: 0°C to 45°C (32 °F to 113 °F).</p> <p>Ambient operating humidity: 10% - 80% (no condensation)</p> <p>When the operating mode is set to "Normal", the operating temperature range is 0°C to 45°C (32 °F to 113 °F), and at altitudes from 1,400 m to 4,200 m (4,593 ft to 13,780 ft) it is 0°C to 40°C (32 °F to 104 °F).</p> <p>When the operating mode is set to "Eco", or "Long Life 1/2/3", the operating temperature range is 0°C to 40°C (32 °F to 104 °F).</p> <p>When the projector is used with a Smoke Cut Filter, the operating temperature range is 0°C to 35°C (32 °F to 95 °F).</p> <p>Furthermore, when the operating mode is set to "Eco", or "Long Life 1/2/3", the projector cannot be used at altitudes above 2700 m (8,858 ft). In addition,</p> <p>when the projector is used with a Smoke Cut Filter, it cannot be used at altitudes above 1,400 m (4,593 ft). The brightness of the light source may drop depending on the operating environment and the operating temperature range in order to protect the projector.</p>
Applicable Software	<p>Logo Transfer Software, Multi Monitoring & Control Software,</p> <p>Early Warning Software, Geometry Manager Pro (ET-UK20 series Upgrade Kit and ET-CUK10 series Auto Screen Adjustment Kit)</p>
Technology	3-chip DLP Laser

