

## Ecology-Conscious Projectors with High Brightness and Easy Maintenance



PT-EZ570/EZ570L	PT-EW630/EW630L	PT-EX600/EX600L	PT-EW530/EW530L	PT-EX500/EX500L
5,000 lm	5,500 lm	6,000 lm	4,500 lm	5,000 lm
WUXGA (1,920 × 1,200)	WXGA (1,280 × 800)	XGA (1,024 × 768)	WXGA (1,280 × 800)	XGA (1,024 × 768)
5,000:1 contrast ratio	5,000:1 contrast ratio	5,000:1 contrast ratio	2,000:1 contrast ratio	2,000:1 contrast ratio

The PT-EZ570L/EW630L/EX600L/EW530L/EX500L are sold without lenses. The specifications are the same as those of the PT-EZ570/EW630/EX600/EW530/EX500, respectively.

### Quality Images with Brightness

- Original lamp drive systems have helped to make the body compact, while providing a high 6,000 lm of brightness. (PT-EX600)
- Dynamic Iris achieves a superb contrast ratio of 5,000:1. (PT-EZ570/EW630/EX600)
- Full-HD-ready WUXGA resolution. (PT-EZ570)
- Daylight View Basic technology ensures easy-to-see, clear images even in brightly lit rooms.

### Ecology-Conscious Reliability

- Lamp replacement cycle of up to 4,000 hours.\*<sup>1</sup>
- Dust-resistant cabinet with one-way air flow design.
- Highly durable optical engine with inorganic\*<sup>2</sup> LCD panels and polarizers ensures long-term image quality, achieving a replacement cycle of up to 10,000 hours.

- A reusable "Eco Filter" that needs no replacement for up to 12,000 hours\*<sup>3</sup> to protect optical components from dust.
- Intelligent Lamp Control system automatically adjusts the lamp output in accordance with the brightness of the projected image, effectively reducing power consumption.
- Eco Management function included to reduce power consumption.
- Environment-friendly, low standby power consumption of 0.5 W (STANDBY MODE: ECO)\*<sup>4</sup>
- Quiet, 31 dB\*<sup>5</sup> operating noise does not interrupt classes or meetings.

### System Integration Flexibility and Easy Maintenance

- Flexible vertical 360 degree installation, lens-centered design, powered horizontal/vertical-lens shift, powered zoom/focus and a wide range of optional lenses.
- Corner Keystone corrects trapezoidal

distortion. Simply designate the four corners with the remote control or projector to square the image.\*<sup>6</sup>

- Side-by-Side and P-in-P functions. (PT-EZ570/EW630/EW530)
- Abundant terminals including HDMI and DVI-D inputs.
- Built-in 10 W speaker.
- Web browser control over a wired LAN.
- Multi Projector Monitoring & Control Software allows multiple projectors to be managed together over a wired LAN.
- PJLink™ compatibility.
- Compatible with Creston RoomView™.
- The filter and lamp are easily replaced from the side and top even after the projector is installed on the ceiling.
- Direct Power Off allows the room's main power to be turned off immediately after use.
- Mechanical shutter.\*<sup>6</sup>
- Closed caption decoder built-in for the US market.

**Specifications (Tentative)**

Model	PT-EZ570/EZ570L	PT-EW630/EW630L	PT-EX600/EX600L	PT-EW530/EW530L	PT-EX500/EX500L	
Power supply	100–240 V AC, 50/60 Hz					
Power consumption	519 W (0.5 W with STANDBY MODE set to ECO;*7 12 W with STANDBY MODE set to NETWORK.)		490 W (0.5 W with STANDBY MODE set to ECO;*7 12 W with STANDBY MODE set to NETWORK.)		423 W (0.5 W with STANDBY MODE set to ECO;*7 12 W with STANDBY MODE set to NETWORK.)	
LCD panel	Panel size	19.2 mm (0.76") diagonal (16:10 aspect ratio)	19.0 mm (0.75") diagonal (16:10 aspect ratio)	20.0 mm (0.80") diagonal (4:3 aspect ratio)	19.0 mm (0.75") diagonal (16:10 aspect ratio)	
	Display method	Transparent LCD panel (× 3, R/G/B)	Transparent LCD panel (× 3, R/G/B)	Transparent LCD panel (× 3, R/G/B)	Transparent LCD panel (× 3, R/G/B)	
	Drive method Pixels	Active matrix 2,304,000 (1,920 × 1,200) × 3, total of 6,912,000 pixels	Active matrix 1,024,000 (1,280 × 800) × 3, total of 3,072,000 pixels	Active matrix 786,432 (1,024 × 768) × 3, total of 2,359,296 pixels	Active matrix 1,024,000 (1,280 × 800) × 3, total of 3,072,000 pixels	Active matrix 786,432 (1,024 × 768) × 3, total of 2,359,296 pixels
Lens	PT-EZ570/EW630/EX600/EW530/EX500: powered zoom (1.7–2.8:1), powered focus F 1.7–2.3, f 26.9–45.4 mm, PT-EZ570L/EW630L/EX600L/EW530L/EX500L: optional powered zoom/focus and fixed-focus lens					
Lamp	330 W UHM lamp × 1					
Lamp replacement cycle	3,000 hours*8 (LAMP POWER: NORMAL), 4,000 hours*8 (LAMP POWER: ECO)					
Screen size (diagonal)	1.02–10.16 m (40–400 in), 16:10 aspect ratio for the PT-EZ570/EW630/EW530, 4:3 aspect ratio for the PT-EX600/EX500					
Brightness*9	5,000 lm*10	5,500 lm*10	6,000 lm*10	4,500 lm*10	5,000 lm*10	
Center-to-corner uniformity*9	90%					
Contrast*9	5,000:1*11			2,000:1*11		
Resolution	1,920 × 1,200 pixels (Input signals that exceed this resolution will be converted to 1,920 × 1,200 pixels.)	1,280 × 800 pixels (Input signals that exceed this resolution will be converted to 1,280 × 800 pixels.)	1,024 × 768 pixels (Input signals that exceed this resolution will be converted to 1,024 × 768 pixels.)	1,280 × 800 pixels (Input signals that exceed this resolution will be converted to 1,280 × 800 pixels.)	1,024 × 768 pixels (Input signals that exceed this resolution will be converted to 1,024 × 768 pixels.)	
Scanning frequency	DVI-D HDMI RGB (analog) YPbPr (YCbCr)	fh: 26–80 kHz, fv: 23–85 Hz, dot clock: 162 MHz or lower fh: 15–120 kHz, fv: 48–100 Hz, dot clock: 230 MHz or lower (Signals exceeding the dot clock rate of 163MHz are downsampled.) fh: 15.75 kHz, fv: 60 Hz [480i (525i)] fh: 31.50 kHz, fv: 60 Hz [480p (525p)] fh: 15.63 kHz, fv: 50 Hz [576i (625i)] fh: 31.25 kHz, fv: 50 Hz [576p (625p)] fh: 45.00 kHz, fv: 60 Hz [720 (750)/60p] fh: 37.50 kHz, fv: 50 Hz [720 (750)/50p] fh: 15.75 kHz, fv: 60 Hz [NTSC/NTSC4.43/PAL-M/PAL60], fh: 15.63 kHz, fv: 50 Hz [PAL/PAL-N/SECAM]			fh: 27.00 kHz, fv: 48 Hz [1080/24sF] fh: 33.75 kHz, fv: 30 Hz [1080/30p] fh: 33.75 kHz, fv: 60 Hz [1080/30sF] fh: 67.50 kHz, fv: 60 Hz [1080/60p] fh: 56.25 kHz, fv: 50 Hz [1080/50p]	
Video/S-Video						
Keystone correction range	Horizontal: ±30°*12 vertical: ±30°*12		Horizontal: ±30°*12 vertical: ±40°*12		Vertical: ±40°*12	
Installation	Ceiling/floor, front/rear					
Terminals	INPUT 1 DVI-D HDMI RGB INPUT 2 RGB 5BNC/VIDEO INPUT 3 VIDEO S-VIDEO MONITOR OUT AUDIO IN AUDIO OUT SERIAL IN REMOTE IN LAN	DVI-D 24-pin × 1 (DVI 1.0 compliant, compatible with HDCP, compatible with single link only) HDMI 19-pin × 1 (Deep Color, compatible with HDCP) D-Sub HD 15-pin (female) × 1 BNC × 5 (RGB/YPbPr/YCbCr × 1), shared with VIDEO IN (BNC × 1, composite video) RCA × 3 (YPbPr/YCbCr/composite video × 1) Mini DIN 4-pin × 1 (S-Video) D-Sub HD 15-pin (female) × 1 (Cannot be used for some inputs) RCA (L, R) × 1, M3 (L, R) × 2 M3 (L, R) × 1 (variable) D-sub 9-pin (female) × 1 for external control (RS-232C compliant) M3 × 1 for wired remote control RJ-45 × 1 (for network connection, 10Base-T/100Base-TX, compliant with PLink™)				
Operating noise*13	35 dB (LAMP POWER: NORMAL), 31 dB (LAMP POWER: ECO 1/2)					
Filter	× 1, recommended replacement cycle: 12,000 hours*14					
Mechanical shutter	Yes					
Cabinet materials	Molded plastic (PC + ABS)					
Dimensions (W × H × D)	489.5 × 164*15 × 434.8 mm (19-9/32 × 6-15/32*15 × 17-1/8 in) (with supplied lens) 489.5 × 164*15 × 371.1 mm (19-9/32 × 6-15/32*15 × 14-5/8 in) (without lens)					
Weight*13	Approximately 10.5 kg (23.1 lbs) (with supplied lens), approximately 9.7 kg (21.4 lbs) (without lens)					
Operating environment	Operating temperature: 0 °C–40 °C (32 °F–104 °F)*16, operating humidity: 20%–80% (no condensation)					
Supplied accessories	Power cord, power cord holder/power cord cover, wireless/wired remote control unit, batteries (R03/LR03/AAA type × 2), RGB cable, Software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)					

**Optional accessories**

Zoom lens	Ceiling mount bracket
ET-ELW20	ET-PKE200H (for high ceilings)
ET-ELT20	ET-PKE200S (for low ceilings)
ET-ELT21	Replacement lamp unit
Fixed-focus lens	ET-LAE200
ET-ELW21	Replacement filter unit
Bracket assembly	ET-RFE200
ET-PKE200B	

\*1 With the LAMP POWER set to ECO. Up to 3,000 hours with the LAMP POWER set to NORMAL. The usage environment affects the lamp replacement cycle. \*2 Excluding some polarizers. \*3 The usage environment affects the duration of the filter. \*4 When the STANDBY MODE is set to ECO, network functions such as power on over the LAN will not operate. Also, only certain commands can be received for external control using the serial terminal. \*5 With the LAMP POWER set to ECO. \*6 Not featured on the PT-EW530 and PT-EX500. \*7 When the STANDBY MODE is set to ECO, network functions such as power on over the LAN will not operate. Also, only certain commands can be received for external control using the serial terminal. \*8 The usage environment affects the lamp replacement cycle. \*9 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. \*10 With the LAMP POWER set to AUTO, PICTURE MODE set to DYNAMIC, and the supplied lens mounted on the unit. \*11 Full on /off. With the LAMP POWER set to AUTO, IRIS ON, PICTURE MODE set to DYNAMIC. \*12 With the supplied lens. Value differs when the correction for both directions is operated. \*13 Average value. May differ depending on models. \*14 The usage environment affects the duration of the filter. \*15 With legs at shortest position. \*16 The operating temperature range is 0 °C to 30 °C (32 °F to 86 °F) when the fan control is set to ON 1 for altitudes from 1,000 m to 2,000 m (3,281 ft to 6,562 ft) above sea level, 0 °C to 30 °C (32 °F to 86 °F) when the fan control is set to ON 2 for altitudes from 2,000 m to 2,700 m (6,562 ft to 8,858 ft) above sea level.



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All information included here is valid as of January 2012.

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