

PT-EZ590 Series

LCD Projectors

Available from Spring 2016

Tentative

Compact and Lightweight Multi-purpose Projectors Offer Flexibility and Economy





		PT-EZ590) Series		
	PT-EZ590	PT-EW650	PT-EX620	PT-EW550	PT-EX520
Resolution	WUXGA	WXGA	XGA	WXGA	XGA
Brightness	5,400 lm	5,800 lm	6,200 lm	5,000 lm	5,300 lm
Contrast	10,000:1			2,000:1	

Excellent Picture Quality

- High Brightness of Up to 6,200 lm*1 from a Compact Body
- Dynamic 10,000:1 Contrast*2 Performance with Iris
- High Resolution Up to WUXGA*3 for Detailed Full HD Images
- Daylight View Basic Function Ensures Clear and Vivid Image Quality in Bright Environments
- DICOM Simulation Mode*4 for Medical Presentations
- Color Adjustment Function to Correct Color Variations in Multi-Projector Applications

Low TCO and Easy Maintenance

- Long Lamp Replacement Cycle: Up to 5,000 Hours (Eco) / 4,000 Hours (Normal)
- Reusable Eco Filter Replacement Extended to 15,000 Hours
- Dust-Resistant Cabinet with One-Way Air Flow Design
- Easy Access to Lamp, Filter, and Lens When Mounted on Ceiling
- ECO Management System Effectively Reduces Power Consumption
- Ultra-Quiet 29 dB*5 Operation on ECO Mode

System Flexibility

- DIGITAL LINK Supports Transmission of Uncompressed Full HD Video, Audio, and Control Commands Through a Single CAT 5e or Higher STP Cable for Distances of Up to 150 m (492 ft)*6
- Powered Lens Shift, Zoom, and Focus via Remote Control
- Wireless Projection with Optional Dongle (ET-WML100)
- Corner Keystone & Curved Screen
- Vertical 360-degree Projector Cabinet Rotation
- Range of Optional Lenses
- Network Function via LAN for Easy Remote Operation
- Supports Free Multi Projector Monitoring & Control Software

^{*1} For PT-EX620 only. Please refer chart above for brightness of each model. *2 PT-EW550/EX520 features 2,000:1 contrast. *3 For PT-EZ590 only. Please refer chart above for resolution of each model. *4 This product is not a medical instrument. Do not use for actual medical diagnosis. *5 35 dB with lamp power set to Normal. *6 DIGITAL LINK featured on PT-EZ590/EW650/EX620 only. 150 m (492 ft) transmission available in Long Reach Mode with optional ET-YFB200G DIGITAL LINK Switcher only. Signal resolution is limited to 1080/60p (dot-clock frequency 148.5 MHz) and below.

Specifications (Tentative)

Model		PT-EZ590/EZ590L	PT-EW650/EW650L	PT-EW550/EW550L	PT-EX620/EX620L	PT-EX520/EX520L		
Power supply	1	100-240 V AC, 50/60 Hz	· · · · · · · · · · · · · · · · · · ·					
Power consur	mption	484 W (0.3 W with Standby Mode set to Eco*1, 12 W with Standby Mode set to Normal)	461 W (0.3 W with Standby Mode set to Ed	co*1, 8 W with Standby Mode set to Normal)				
LCD panel	Panel size	16.3 mm (0.64") diagonal (16:10 aspect ratio) 16.0 mm (0.63") diagonal (4:3 aspect ratio)						
	Display method	Transparent LCD panel (x 3, R/G/B)						
	Drive method	Active matrix						
	Pixels	2,304,000 (1920 × 1200) × 3, total of 6,912,000 pixels total of 3,072,000 pixels			786,432 (1024 × 768) × 3, total of 2,359,296 pixels			
Lens		PT-EZ590/EW650/EW550: Powered zoom (throw ratio 1.22–2.26:1), powered focus F 1.6–2.2, f 17.1–31.7 mm PT-EZ590L/EW650L/EW550L: Optional powered zoom/focus lenses			PT-EX620/EX520: Powered zoom (throw ratio 1.32–2.44:1), powered focus F 1.6–2.2, f 17.1–31.7 mm PT-EX620L/EX520L: Optional powered zoom/focus lenses			
Lamp		320 W UHM lamp × 1						
Lamp replace	ement cycle	4,000 hours*2 (lamp power: Normal), 5,00	0 hours*2 (lamp power: Eco)					
Screen size (d	diagonal)	1.03-10.57 m (40-400 in), 16:10 aspect	ratio		1.05-10.77 m (40-400 in), 4:3 aspect ratio			
Brightness*3		5,400 lm (lamp power: Auto/Normal, Dynamic Mode, standard lens)	5,800 lm (lamp power: Auto/Normal, Dynamic Mode, standard lens)	5,000 lm (lamp power: Auto/Normal, Dynamic Mode, standard lens)	6,200 lm (lamp power: Auto/Normal, Dynamic Mode, standard lens)	5,300 lm (lamp power: Auto/Norma Dynamic Mode, standard lens)		
Center-to-cor	rner uniformity*3	90 %						
Contrast*3		10,000:1 (full on/full off, lamp power: Auto, Iris: ON)		2,000:1 (full on/full off, lamp power: Auto)	10,000:1 (full on/full off, lamp power: Auto, Iris: ON)	2,000:1 (full on/full off, lamp power: Auto)		
Resolution		1920 × 1200 pixels*4	1280 × 800 pixels*4		1024 × 768 pixels*4			
Scanning	HDMI/DIGITAL LINK	Dot clock: 25-162 MHz (VGA: 640 x 480 pixels to WUXGA: 1920 x 1200 pixels, VESA CVT-RB compliant with HDCP). DIGITAL LINK not included on PT-EW550/EW550L/EX520/EX520.						
frequency	RGB	ft: 15 kHz-91 kHz, N: 24 Hz-120 Hz, dot clock: up to 162 MHz						
	YPBPR (YCBCR)	Th: 15.73 kHz, fV: 59.94 Hz [480i (525i)], fh: 15.63 kHz, fV: 50 Hz [576i (625i)], fh: 45.00 kHz, fV: 60 Hz [720 (750)/60p], fh: 33.75 kHz, fV: 60 Hz [1080 (1125)/60i], fh: 28.13 kHz, fV: 25 Hz [1080 (1125)/25p], fh: 27.00 kHz, fV: 48 Hz [1080 (1125)/24F], fh: 67.50 kHz, fV: 60 Hz [1080 (1125)/60p], fh: 31.47 kHz, fV: 59.94 Hz [480p (525p)], fh: 31.25 kHz, fV: 50 Hz [576p (625p)], fh: 37.50 kHz, fV: 50 Hz [720 (750)/50p], fh: 28.13 kHz, fV: 50 Hz [1080 (1125)/50p], fh: 27.00 kHz, fV: 60 Hz [1080 (1125)/50p], fh: 33.75 kHz, fV: 50 Hz [1080 (1125)/50p], fh: 56.25 kHz, fV: 50 Hz [1080 (1125)/50p]						
	Video/YC	H: 15.73 kHz, IV: 59.94 Hz [NTSC/NTSC4.43/PAL-M/PAL60], H: 15.63 kHz, IV: 50 Hz [PAL/PAL-N/SECAM]						
	*1000/10	111. 10.10 1012, 11. 00.0 1112 [11100/11100 1.						
Optical	Vertical (from center of screen)	±60 % (powered)	, ,	,	±50 % (powered)			
					±50 % (powered)			
axis shift	Vertical (from center of screen)	±60 % (powered)		, ,	±50 % (powered)			
axis shift Keystone corr	Vertical (from center of screen) Horizontal (from center of screen)	±60 % (powered) ±30 % (powered)			±50 % (powered)			
axis shift Keystone corr Installation	Vertical (from center of screen) Horizontal (from center of screen) rection range*5	±60 % (powered) ±30 % (powered) Vertical: ±30 °, horizontal: ±25 °		,	±50 % (powered)			
axis shift Keystone corr Installation Built-in speak	Vertical (from center of screen) Horizontal (from center of screen) rection range*5	±60 % (powered) ±30 % (powered) Vertical: ±30 °, horizontal: ±25 ° Ceiling/floor, front/rear 3.7 cm round shape × 1, output power: 10		ing frequency: 48 kHz/44.1 kHz/32 kHz)	±50 % (powered)			
axis shift Keystone corr Installation Built-in speak	Vertical (from center of screen) Horizontal (from center of screen) rection range*5	±60 % (powered) ±30 % (powered) Vertical: ±30 °, horizontal: ±25 ° Ceiling/floor, front/rear 3.7 cm round shape × 1, output power: 10	.0 W (monaural) with HDCP), audio signal: Linear PCM (Sampl	ing frequency: 48 kHz/44.1 kHz/32 kHz)	±50 % (powered)			
axis shift Keystone corr Installation Built-in speak	Vertical (from center of screen) Horizontal (from center of screen) rection range*5 Ker HDMI IN	±60 % (powered) ±30 % (powered) Vertical: ±30 °, horizontal: ±25 ° Ceiling/floor, front/rear 3.7 cm round shape × 1, output power: 10 HDMI 19-pin × 2 (Deep Color, compatible v	.0 W (monaural) with HDCP), audio signal: Linear PCM (Sampl	ing frequency: 48 kHz/44.1 kHz/32 kHz)	±50 % (powered)			
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axis shift Keystone corr Installation Built-in speak	Vertical (from center of screen) Horizontal (from center of screen) rection range*5 Ker HDMI IN RGB 1 IN RGB 2 IN	±60 % (powered) ±30 % (powered) Vertical: ±30 °, horizontal: ±25 ° Ceiling/floor, front/rear 3.7 cm round shape × 1, output power: 10 BNC × 5 (RGB or YPsPa/YCsCR × 1), shared D-sub HD 15-pin (female) × 1	0 W (monaural) with HDCP), audio signal: Linear PCM (Sampl with VIDEO IN (S-video/composite video)	ing frequency: 48 kHz/44.1 kHz/32 kHz)	±50 % (powered)			
axis shift Keystone corr Installation Built-in speak	Vertical (from center of screen) Horizontal (from center of screen) rection range*5 ker HDMI IN RGB 1 IN RGB 2 IN VIDEO IN MONITOR OUT	±60 % (powered) ±30 % (powered) Vertical: ±30 °, horizontal: ±25 ° Ceiling/floor, front/rear 3.7 cm round shape × 1, output power: 10 BNC × 5 (RGB or YPsPa/YCGR × 1), shared D-sub HD 15-pin (female) × 1 Pin jack x 1 (composite video) D-sub HD 15-pin (female) × 1 (RGB x 1) (co	0 W (monaural) with HDCP), audio signal: Linear PCM (Sampl with VIDEO IN (S-video/composite video)	ing frequency: 48 kHz/44.1 kHz/32 kHz)	±50 % (powered)			
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axis shift Keystone corr Installation Built-in speak	Vertical (from center of screen) Horizontal (from center of screen) rection range*5 KKET HDMI IN RGB 1 IN RGB 2 IN VIDEO IN MONITOR OUT AUDIO IN AUDIO OUT SERIAL IN REMOTE 1 IN	±60 % (powered) ±30 % (powered) Vertical: ±30 °, horizontal: ±25 ° Ceiling/floor, front/rear 3.7 cm round shape × 1, output power: 10 HDMI 19-pin × 2 (Deep Color, compatible v BNC × 5 (RGB or YPsPR/YCsCR x 1), shared D-sub HD 15-pin (female) x 1 Pin jack x 1 (composite video) D-sub HD 15-pin (female) x 1 (RGB x 1) (co	.0 W (monaural) with HDCP), audio signal: Linear PCM (Sampl d with VIDEO IN (S-video/composite video) mpatible with RGB or YPaPa/YCaCa) ll (RS-232C compliant)	ing frequency: 48 kHz/44.1 kHz/32 kHz)	±50 % (powered)			
axis shift Keystone corr Installation Built-in speak	Vertical (from center of screen) Horizontal (from center of screen) rection range*5 Ker HDMI IN RGB 1 IN RGB 2 IN VIDEO IN MONITOR OUT AUDIO IN AUDIO OUT SERIAL IN REMOTE 1 IN REMOTE 2 IN	±60 % (powered) ±30 % (powered) Vertical: ±30 °, horizontal: ±25 ° Ceiling/floor, front/rear 3.7 cm round shape × 1, output power: 10 BNC × 5 (RGB or YPsPn/YCsCR x 1), shared D-sub HD 15-pin (female) x 1 Pin jack x 1 (composite video) D-sub HD 15-pin (female) x 1 (RGB x 1) (co Pin jack x 2 (L/R x 1), M3 x 2 (L-R x 2) M3 x 1 (L-R x 1) for output (variable) D-sub 9-pin (female) x 1 for external control M3 x 1 for wired remote control D-sub 9-pin (female) x 1 for external control	.0 W (monaural) with HDCP), audio signal: Linear PCM (Sampli d with VIDEO IN (S-video/composite video) mpatible with RGB or YPaPa/YCaCR) Il (RS-232C compliant)	ing frequency: 48 kHz/44.1 kHz/32 kHz)	±50 % (powered)			
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axis shift Keystone corr Installation Built-in speak	Vertical (from center of screen) Horizontal (from center of screen) rection range*5 Ker HDMI IN RGB 1 IN RGB 2 IN VIDEO IN MONITOR OUT AUDIO IN AUDIO OUT SERIAL IN REMOTE 2 IN LAN	±60 % (powered) ±30 % (powered) Vertical: ±30 °, horizontal: ±25 ° Ceiling/floor, front/rear Ceiling/floor, front/rear Jr. cm round shape × 1, output power: 10 HDM1 19- pin × 2 (Deep Color, compatible v BNC × 5 (RGB or YPsPa/YCsCR x 1), shared D-sub HD 15-pin (female) x 1 Pin jack x 1 (composite video) D-sub HD 15-pin (female) x 1 (RGB x 1) (cc Pin jack x 2 (L/R x 1), M3 x 2 (L-R x 2) M3 x 1 (L-R x 1) for output (variable) D-sub 9-pin (female) x 1 for external control M3 x 1 for wired remote control D-sub 9-pin (female) x 1 for external control H3 x 1 for view or nework connection, 108ase RJ-45 x 1 for network and DIGITAL LINK co	.0 W (monaural) with HDCP), audio signal: Linear PCM (Sampl d with VIDEO IN (S-video/composite video) mpatible with RGB or YPsPx/YCaCx) If (RS-232C compliant) If (parallel) T, 100Base-TX, compatible with PJLinkTM nnection,	ing frequency: 48 kHz/44.1 kHz/32 kHz)	RJ-45 x 1 for network and DIGITAL LINK connection, 100Base-TX, compatible with	_		
axis shift Keystone corr Installation Built-in speak Terminals	Vertical (from center of screen) Horizontal (from center of screen) rection range*5 KRET HDMI IN RGB 1 IN RGB 2 IN VIDEO IN MONITOR OUT AUDIO IN AUDIO OUT SERIAL IN REMOTE 1 IN REMOTE 2 IN LAN DIGITAL LINK USB-A	±60 % (powered) ±30 % (powered) Vertical: ±30 °, horizontal: ±25 ° Ceiling/floor, front/rear 3.7 cm round shape × 1, output power: 10 HDMI 19-pin × 2 (Deep Color, compatible v BNC × 5 (R6B or YPsPx/YC6R x 1), shared D-sub HD 15-pin (female) x 1 Pin jack x 1 (composite video) D-sub HD 15-pin (female) x 1 (RGB x 1) (co Pin jack x 2 (L/R x 1), M3 x 2 (L-R x 2) M3 x 1 (L-R x 1) for output (variable) D-sub 9-pin (female) x 1 for external control M3 x 1 for vired remote control D-sub 9-pin (female) x 1 for external control RJ-45 x 1 for network connection, 10Base- RJ-45 x 1 for network and DIGITAL LINKS compatible with PJLink™, Hi	.0 W (monaural) with HDCP), audio signal: Linear PCM (Sampl d with VIDEO IN (S-video/composite video) mpatible with RGB or YPsPR/YCsCR) il (RS-232C compliant) il (parallel) T, 100Base-TX, compatible with PJLink™ mnection, CCP, Deep Color	ing frequency: 48 kHz/44.1 kHz/32 kHz)	RJ-45 x 1 for network and DIGITAL LINK connection, 100Base-TX, compatible with			
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axis shift Keystone corr nstallation Built-in speak Terminals Operating noi Fitter	Vertical (from center of screen) Horizontal (from center of screen) rection range*5 KKET HDMI IN RGB 1 IN RGB 2 IN VIDEO IN MONITOR OUT AUDIO IN AUDIO OUT SERIAL IN REMOTE 1 IN REMOTE 2 IN LAN DIGITAL LINK USB-A	±60 % (powered) ±30 % (powered) Vertical: ±30 °, horizontal: ±25 ° Ceiling/floor, front/rear Ceiling/floor, front/rear Jr. cm round shape × 1, output power: 10 HDM1 19- pin × 2 (Deep Color, compatible v BNC × 5 (RGB or YPsPa/YCsCR x 1), shared D-sub HD 15-pin (female) x 1 Pin jack x 1 (composite video) D-sub HD 15-pin (female) x 1 (RGB x 1) (co Pin jack x 2 (L/R x 1), M3 x 2 (L-R x 2) M3 x 1 (L-R x 1) for output (variable) D-sub 9-pin (female) x 1 for external control M3 x 1 for wired remote control D-sub 9-pin (female) x 1 for external control M3 x 1 for retwork connection, 10Base- RJ-45 x 1 for network and DIGITAL LINK cot 100Base-TX, compatible with PJLink™, HG 2 (Network/Wireless x 1, 5 V/O.9 A x 1) 35 dB (damp power: Normal), 29 dB (damp	.0 W (monaural) with HDCP), audio signal: Linear PCM (Sampl d with VIDEO IN (S-video/composite video) mpatible with RGB or YPsPx/YCaCx) If (RS-232C compliant) If (garallel) T, 100Base-TX, compatible with PJLinkTM nnection, DCP, Deep Color sower: ECO)	ing frequency: 48 kHz/44.1 kHz/32 kHz) ———————————————————————————————————	RJ-45 x 1 for network and DIGITAL LINK connection, 100Base-TX, compatible with	— (AV mute)		
Keystone corr installation Built-in speak Terminals	Vertical (from center of screen) Horizontal (from center of screen) rection range*5 KKET HDMI IN RGB 1 IN RGB 2 IN VIDEO IN MONITOR OUT AUDIO IN AUDIO OUT SERIAL IN REMOTE 1 IN REMOTE 2 IN LAN DIGITAL LINK USB-A sise*3	±60 % (powered) ±30 % (powered) Vertical: ±30 °, horizontal: ±25 ° Ceiling/floor, front/rear 3.7 cm round shape × 1, output power: 10 HDM1 19-pin × 2 (Deep Color, compatible v BNC × 5 (RGB or YPsPs/YCsCR x 1), shared D-sub HD 15-pin (female) x 1 Pin jack x 1 (composite video) D-sub HD 15-pin (female) x 1 (RGB x 1) (co P-sub HD 15-pin (female) x 1 (RGB x 1) (co P-sub HD 15-pin (female) x 1 (RGB x 1) (co D-sub 9-pin (female) x 1 for external contro M3 × 1 (L-R x 1) for output (variable) D-sub 9-pin (female) x 1 for external contro M3 × 1 for wired remote control D-sub 9-pin (female) x 1 for external contro M3 × 1 for retwork connection, 10Base M3-45 x 1 for network and DIGITAL LINK co 100Base-TX, compatible with PJLink™, HG 2 (Network/Wireless x 1, 5 V/O.9 A x 1) 35 dB (lamp power: Normal), 29 dB (lamp x 1, replacement cycle: up to 15,000 hour	.0 W (monaural) with HDCP), audio signal: Linear PCM (Sampl d with VIDEO IN (S-video/composite video) mpatible with RGB or YPsPx/YCaCx) If (RS-232C compliant) If (garallel) T, 100Base-TX, compatible with PJLinkTM nnection, DCP, Deep Color sower: ECO)	_	RJ-45 x 1 for network and DIGITAL LINK connection, 100Base-TX, compatible with PJLink TM , HDCP, Deep Color	— (AV mute)		
Axis shift Keystone corr Installation Built-in speak Terminals Operating noi Filter Mechanical sl Cabinet mate Dimensions (i	Vertical (from center of screen) Horizontal (from center of screen) rection range*5 ker HDMI IN RGB 1 IN RGB 2 IN VIDEO IN MONITOR OUT AUDIO OUT SERIAL IN REMOTE 1 IN REMOTE 2 IN LAN DIGITAL LINK USB-A isie**3	±60 % (powered) ±30 % (powered) Vertical: ±30 °, horizontal: ±25 ° Ceiling/floor, front/rear Ceiling/floor, front/rear J. 7 cm round shape × 1, output power: 10 HDM1 19- pin × 2 (Deep Color, compatible v BNC × 5 (RGB or YPsPa/YCsCR x 1), shared D-sub HD 15-pin (female) x 1 Pin jack x 1 (composite video) D-sub HD 15-pin (female) x 1 (RGB x 1) (cc Pin jack x 2 (UR x 1), M3 x 2 (L-R x 2) M3 x 1 (L-R x 1) for output (variable) D-sub 9-pin (female) x 1 for external control M3 x 1 for wired remote control D-sub 9-pin (female) x 1 for external control M3 x 1 for vider control J-sub 9-pin (female) x 1 for external control M3 x 1 for wired remote control J-sub 9-pin (female) x 1 for external control M3 x 1 for vider emote control J-sub 9-pin (female) x 1 for external control M3 x 1 for vider emote control J-sub 9-pin (female) x 1 for external control M3 x 1 for vider emote control J-sub 9-pin (female) x 1 for external control M3 x 1 for vider emote control J-sub 9-pin (female) x 1 for external control M3 x 1 for vider emote control J-sub 9-pin (female) x 1 for external control M3 x 1 for vider emote control J-sub 9-pin (female) x 1 for external control M3 x 1 for vider emote control J-sub 9-pin (female) x 1 for external control M3 x 1 for vider emote control J-sub 9-pin (female) x 1 for external control M3 x 1 for vider emote control J-sub 9-pin (female) x 1 for external control M3 x 1 for vider emote control J-sub 9-pin (female) x 1 for external control M3 x 1 for vider emote control J-sub 9-pin (female) x 1 for external M3 x 1 for vider emote control J-sub 9-pin (female) x 1 for external M3 x 1 for vider emote control M3 x 1 for external M3 x 1 for vider emote emote emote emote emote emote M3 x 1 for vider emote em	.0 W (monaural) with HDCP), audio signal: Linear PCM (Sampl d with VIDEO IN (S-video/composite video) mpatible with RGB or YPsPx/YCaCx) If (RS-232C compliant) If (garallel) T, 100Base-TX, compatible with PJLinkTM nnection, DCP, Deep Color sower: ECO)	— (AV mute) 23/32**7 x 15 11/16*) (with supplied lens)	RJ-45 x 1 for network and DIGITAL LINK connection, 100Base-TX, compatible with PJLink TM , HDCP, Deep Color	— (AV mute)		
Keystone corr installation Built-in speak Terminals Operating noi Filter Mechanical sl Cablinet mate Dimensions (t	Vertical (from center of screen) Horizontal (from center of screen) rection range*5 ker HDMI IN RGB 1 IN RGB 2 IN VIDEO IN MONITOR OUT AUDIO OUT SERIAL IN REMOTE 1 IN REMOTE 2 IN LAN DIGITAL LINK USB-A isie**3	±60 % (powered) ±30 % (powered) vertical: ±30 °, horizontal: ±25 ° Ceiling/floor, front/rear 3.7 cm round shape × 1, output power: 10 HDMI 19-pin × 2 (Deep Color, compatible v BNC × 5 (RGB or YPePR/YCeCa × 1), shared D-sub HD 15-pin (female) × 1 Pin jack x 1 (composite video) -sub HD 15-pin (female) × 1 Pin jack x 2 (L/R × 1), M3 x 2 (L-R × 2) M3 × 1 (L-R × 1) for output (variable) -sub 9-pin (female) × 1 for external control M3 × 1 for wirder emente control -sub 9-pin (female) × 1 for external control M3 × 1 for retwork connection, 10Base- RJ-45 × 1 for network connection, 10Base- RJ-45 × 1 for network connection, 10Base- TX, compatible with PJLink TM , HI 2 (Network/Wireless × 1, 5 V/O.9 A × 1) 35 dB (amp power: Normal), 29 dB (lamp j × 1, replacement cycle: up to 15,000 hour Yes Molded plastic (PC + ABS) PT-EZ590/EW650/EW550/EX520/EX520/EX520/EX520/EX520/EX520/EW650/EW550/EX520/EX520/EX520/EX520/EX520/EX520/EX520/EX520/EX520/EX650/EX520/	.0 W (monaural) with HDCP), audio signal: Linear PCM (Sampl d with VIDEO IN (S-video/composite video) mpatible with RGB or YPsPR/YCsCs) iii (RS-232C compliant) ii (grarilet) T, 100Base-TX, compatible with PJLink™ nnection, nCP, Deep Color sower: ECO) s¹6 : 498 x 145*7 x 398.3 mm (19 19/32* x 5	— (AV mute) 23/32**7 x 15 11/16*) (with supplied lens) x 5 23/32**7 x 14 3/32*) (without lens) 1 lens)	RJ-45 x 1 for network and DIGITAL LINK connection, 100Base-TX, compatible with PJLink TM , HDCP, Deep Color	— (AV mute)		
Optical axis shift Keystone corr Installation Built-in speak Terminals Operating noi Filter Mechanical sl Cabinet mate Dimensions (i Weight*8 Operating env	Vertical (from center of screen) Horizontal (from center of screen) rection range*5 Ker HDMI IN RGB 1 IN RGB 2 IN VIDEO IN MONITOR OUT AUDIO IN AUDIO OUT SERIAL IN REMOTE 1 IN REMOTE 2 IN LAN DIGITAL LINK USB-A isse*3 hutter ririals W × H × D)	±60 % (powered) ±30 % (powered) vertical: +30 %, horizontal: ±25 ° Ceiling/floor, front/rear 3.7 cm round shape × 1, output power: 10 HDM1 19-pin × 2 (Deep Color, compatible v BNC × 5 (RGB or YPsPa/YCsCa × 1), shared D-sub HD 15-pin (female) × 1 Pin jack x 1 (composite video) D-sub HD 15-pin (female) × 1 (RGB × 1) (co Pin jack x 2 (L/R × 1), M3 × 2 (L-R × 2) M3 × 1 (L-R × 1) for output (variable) D-sub 9-pin (female) × 1 for external control M3 × 1 for wired remote control D-sub 9-pin (female) × 1 for external control Sub 45 × 1 for network connection, 108ase- RJ-45 × 1 for retwork connection, 108ase- RJ-45 × 1 for petwork connection, 108ase- RJ-45 × 1 for network connection, 108ase- RJ-45 × 1 for retwork connection, 108ase- R	.0 W (monaural) with HDCP), audio signal: Linear PCM (Sampl d with VIDEO IN (S-video/composite video) mpatible with RGB or YPsPR/YCsCR) il (RS-232C compliant) il (parallel) T, 100Base-TX, compatible with PJLink™ mnection, CP, Deep Color coower: ECO) g-6 -498 x 145 ⁻⁷ x 398.3 mm (19 19/ ₃₂ x 5 x 5 x 5 x 5 x 5 x 5 x 5 x 5 x 5 x	— (AV mute) $\frac{23/32^{-7} \text{ x 15 11/16}^n}{15 23/32^{-7} \text{ x 15 11/16}^n} \text{ (with supplied lens)}$ dens) delens) delens)	RJ-45 x 1 for network and DIGITAL LINK connection, 100Base-TX, compatible with PJLink TM , HDCP, Deep Color	— (AV mute)		

Note: The PT-EZ590L/EW650L/EW550L/EX620L/EX520L delivers the same performance as the PT-EZ590/EW650/EW550/EX520, but comes without a lens. "1 When Standby Mode is set to Eco, network functions such as power on over LAN will not operate. Also, only certain commands can be received for external control using the serial terminal. "2 This is the maximum value when the lamp is turned on for 2 hours and off for 0.25 hours. If the lamp is turned on more times or kept on for a long time, lamp replacement cycle will shorten. Usage environment affects the duration of the lamp. "3 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. "4 Input signals that exceed supported resolution will be converted. "5 With the supplied lens. Value differs when the correction for both directions is operated. "6 Usage environment affects the duration of the lilter. "7 With legs at shortest position. "8 Average value. May differ depending on models. "9 Operating temperature range is 0 °C to 40 °C (32 °F to 140 *F) when used at altitudes from 1,400 m to 2,700 m (4,593 ft to 8,858 ft) above sea level. Also, if ambient temperature exceeds 40 °C (104 °F) (35 °C [95 °F] at high altitude), lamp power may automatically switch to Eco to in order to protect the projector. *10 Power cords available (x2) for Europe, the UK and Asia only.

Optional Accessories

- Zoom Lens
 ET-ELW30 / ET-ELW31
 ET-ELT30 / ET-ELT31
- DIGITAL LINK Switcher ET-YFB200G
- Digital Interface Box ET-YFB100G
- Early Warning Software ET-SWA100 Series
- Ceiling Mount Bracket ET-PKD120H (for high ceiling) ET-PKD120S (for low ceiling)
- Bracket Assembly ET-PKE300B
- Replacement Lamp Unit ET-LAEF100
- Replacement Filter Unit ET-RFE300
- Wireless Module ET-WML100

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