

Panasonic

ideas for life

PT-EZ570 Series

LCD Projectors

PT-EZ570/EZ570L
PT-EW630/EW630L
PT-EX600/EX600L
PT-EW530/EW530L
PT-EX500/EX500L

Bright, Ecological Projectors with Excellent System Flexibility



Classrooms

Lecture rooms

Meeting rooms



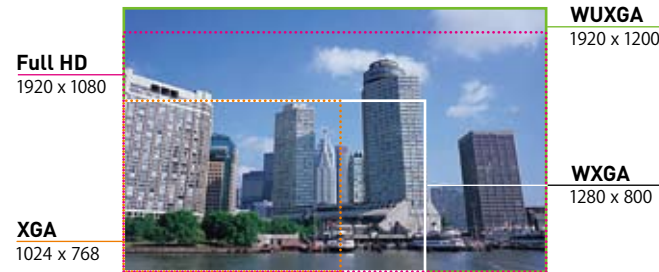
Quality Images with High Brightness

Compact, Yet Bright and High Contrast

Even with its light, compact body, the PT-EZ570 Series produces brightness of up to 6,000 lm¹. In addition, the iris automatically adjusts itself to match the situation, resulting in high contrast ratio of up to 5,000:1².

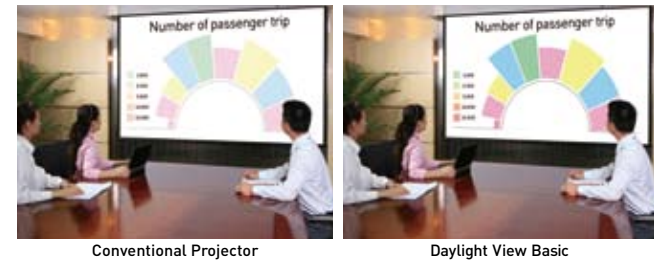
Full-HD Ready WUXGA Resolution (PT-EZ570/L)

In response to the increasing popularity of widescreen image viewing, including Blu-ray content, the PT-EZ570/L features native WUXGA resolution for full-HD viewing. This brings you lifelike projection of intricate, highly detailed images.



The Daylight View Basic Function Ensures Clear Images Even in Brightly Lit Rooms

Panasonic's Daylight View Basic technology achieves sharp, easy-to-see images by clearly reproducing the details in dark image areas, which were previously difficult to see in brightly lit rooms. A built-in sensor measures the ambient light, and the Daylight View Basic function adjusts the halftone color and brightness level according to the surrounding illumination.



Ecology-Conscious Reliability

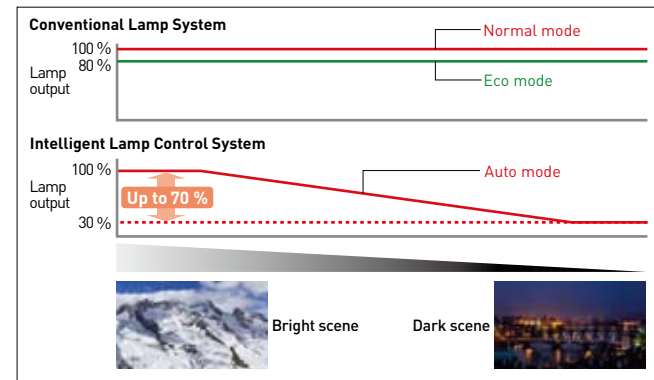
A Dust-Resistant Cabinet Design and an Eco Filter that Needs No Replacement for 12,000 Hours³

The cabinet is designed with a straight airflow path, from intake to exhaust. The shielding of the lens section, where dust is likely to enter, has been further improved to keep dust out. And the sealing performance of the air filter unit and air intake duct has been increased to prevent the entry of dust from the filter periphery, resulting in a highly dust-resistant structure. The Eco Filter unit, which efficiently captures dust in the intake airflow path, requires no replacement for 12,000 hours³. And the large, pleated Micro Cut Filter [electrostatic filter] uses an ion effect to trap minute dust particles, further raising the overall dust-trapping capability. These features minimize the entry of dust into the optical block and maintain brightness over a long period of time, while reducing the hassle of maintenance. Also, in addition to achieving a long replacement cycle, the Eco Filter can be washed with water⁴ and reused as an environmental consideration.



Intelligent Lamp Control System Reduces Power Consumption

When the lamp power is set to Auto, the intelligent lamp control system automatically adjusts the lamp output in accordance with the brightness of the projected image and reduces it by up to 70%⁷. It also combines with color shift correction, which corrects the shift in the color balance that occurs when the lamp output drops. As a result, power consumption is effectively reduced while excellent color reproduction is maintained.



Inorganic Materials Maintain Image Quality Longer

The PT-EZ570 Series projectors' optical block maintains a high level of performance over time, due to the use of inorganic materials in the LCD panels and polarizers, thus achieving a replacement cycle of 10,000 hours. It also makes them the logical choice for a truly dependable LCD projector system.

Lamp Replacement Cycle of up to 4,000 Hours⁵

The PT-EZ570 Series projectors feature a lamp replacement cycle of up to 4,000 hours. This helps to lower operating costs by providing longer usage between lamp replacements.

Environmentally Friendly Standby Power Consumption of Only 0.4 W⁶

When the Standby mode is set to Eco, the standby power consumption is low at 0.4 W. This lowers running costs, and helps to reduce environmental impact.

Eco Management Functions

A number of functions are provided to reduce power consumption. They adjust the brightness according to ambient light conditions, and reduce the lamp power when there is no signal input or the projector is in AV Mute mode*. You can easily set the Eco Management functions according to operating conditions by using the ECO button on the remote control.

* PT-EW530/L, PT-EX500/L only



High Brightness, Image Quality and Reliability From Educational to Business Applications

The PT-EZ570 Series projectors provide high brightness and superb contrast in spite of their compact body.

The unique Daylight View Basic function allows them to project crisp, high-resolution images without having to dim the room light.

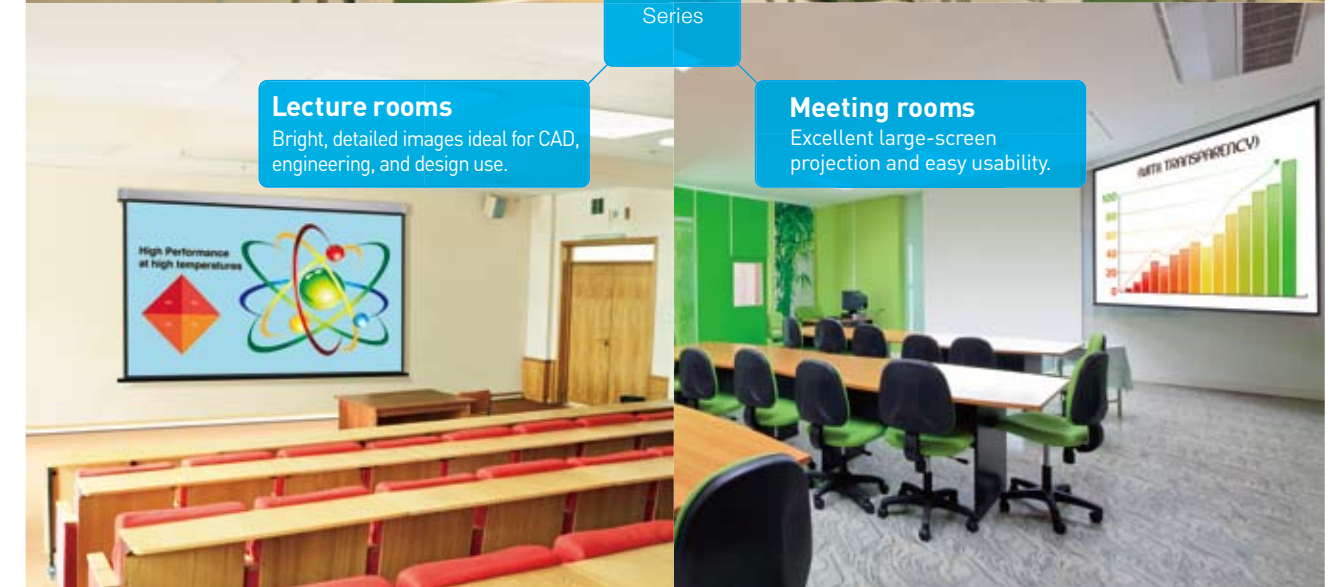
From classrooms in elementary and high schools to university lecture rooms, engineering or art classes,

and company meeting rooms, these advanced projectors produce bright, easy-to-see images for all kinds of applications.

They also feature an ecological design that lowers power consumption, flexibility in installation, and easy maintenance.

PT-EZ570/EZ570L*	5000 lm	5000:1	WUXGA
PT-EW630/EW630L*	5500 lm	5000:1	WXGA
PT-EX600/EX600L*	6000 lm	5000:1	XGA
PT-EW530/EW530L*	4500 lm	2000:1	WXGA
PT-EX500/EX500L*	5000 lm	2000:1	XGA

The PT-EZ570L/PT-EW630L/PT-EX600L/PT-EW530L/PT-EX500L Series is sold without lenses. The specifications are the same as those of the PT-EZ570 Series.



* Product numbers vary depending on the market. The general guideline is as follows: The product numbers in the Americas and Taiwan are PT-EZ570U/PT-EZ570UL, PT-EW630U/PT-EW630UL, PT-EX600U/PT-EX600UL, PT-EW530U/PT-EW530UL and PT-EX500U/PT-EX500UL. The product numbers in Europe, CIS, Asia (except Taiwan), Oceania, Middle East, and Africa are PT-EZ570E/PT-EZ570EL, PT-EW630E/PT-EW630EL, PT-EX600E/PT-EX600EL, PT-EW530E/PT-EW530EL and PT-EX500E/PT-EX500EL.

Specifications						
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	490 W [0.4 W with STANDBY MODE set to ECO*1, 11 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]	20.0 mm [0.80"] diagonal [4:3 aspect ratio]
	Display method	Transparent LCD panel (x 3, R/G/B)				
	Drive method	Active matrix				
	Pixels	2,304,000 (1,920 x 1,200) x 3, total of 6,912,000 pixels	1,024,000 (1,280 x 800) x 3, total of 3,072,000 pixels	786,432 (1,024 x 768) x 3, total of 2,359,296 pixels	1,024,000 (1,280 x 800) x 3, total of 3,072,000 pixels	786,432 (1,024 x 768) x 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 x 1					
Lamp replacement cycle *2	3,000 hours *3 (LAMP POWER: NORMAL), 4,000 hours *3 (LAMP POWER: ECO 1/2)					
Screen size (diagonal)	1.02-10.16 m (40-400 in), 16:10 aspect ratio		1.02-10.16 m (40-400 in), 4:3 aspect ratio	1.02-10.16 m (40-400 in), 16:10 aspect ratio	1.02-10.16 m (40-400 in), 4:3 aspect ratio	
Brightness *4	5,000 lm (lamp power: Auto/Normal)	5,500 lm (lamp power: Auto/Normal)	6,000 lm (lamp power: Auto/Normal)	4,500 lm (lamp power: Auto/Normal)	5,000 lm (lamp power: Auto/Normal)	
Center-to-corner uniformity *4	90 %					
Contrast *4	5,000:1 (full on/full off, lamp power: Auto)			2,000:1 (full on/full off, lamp power: Auto)		
Resolution	1,920 x 1,200 pixels (Input signals that exceed this resolution will be converted to 1,920 x 1,200 pixels.)	1,280 x 800 pixels (Input signals that exceed this resolution will be converted to 1,280 x 800 pixels.)	1,024 x 768 pixels (Input signals that exceed this resolution will be converted to 1,024 x 768 pixels.)	1,280 x 800 pixels (Input signals that exceed this resolution will be converted to 1,280 x 800 pixels.)	1,024 x 768 pixels (Input signals that exceed this resolution will be converted to 1,024 x 768 pixels.)	
Scanning frequency	HDMI/DVI-D	fh: 26-80 kHz, fv: 23-85 Hz, dot clock: 162 MHz or lower				
	RGB (analog)	fh: 15-120 kHz, fv: 48-100 Hz, dot clock: 230 MHz or lower [Signals exceeding the dot clock rate of 163 MHz are downsampled.]	fh: 15-120 kHz, fv: 48-100 Hz, dot clock: 230 MHz or lower [Signals exceeding the dot clock rate of 140 MHz are downsampled.]			
	YPbPr (YCbCr)	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: 33.75 kHz, fv: 60 Hz [1035/60i] fh: 33.75 kHz, fv: 60 Hz [1080 [1125]/60i] fh: 28.13 kHz, fv: 50 Hz [1080 [1125]/50i] fh: 28.13 kHz, fv: 25 Hz [1080/25p] fh: 28.13 kHz, fv: 50 Hz [1080/25sF] fh: 27.00 kHz, fv: 24 Hz [1080/24p]	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	fh: 15.75 kHz, fv: 60 Hz [NTSC/NTSC4.43/PAL-M/PAL60], fh: 15.63 kHz, fv: 50 Hz [PAL/SECAM/PAL-N]				
Optical axis shift	Vertical ±60 %, horizontal ±10 % from center of screen (powered) *5		Vertical ±50 %, horizontal ±10 % from center of screen (powered) *5	Vertical ±60 %, horizontal ±10 % from center of screen (powered) *5		
Keystone correction range	Vertical: ±30**6, horizontal: ±30**7		Vertical: ±40**6, horizontal: ±30**7		Vertical: ±40*	
Installation	Ceiling/floor, front/rear					
Built-in speaker	3.7 cm round shape x 1, output power: 10.0 W (monaural)					
Terminals	INPUT 1 *8	DVI-D INPUT Terminal: HDMI INPUT Terminal: RGB INPUT Terminal:	DVI-D 24-pin x 1 (DVI 1.0 compliant, compatible with HDCP, compatible with single link only) HDMI 19-pin x 1 (Deep Color, compatible with HDCP) D-Sub HD 15-pin (female) x 1			
	INPUT 2 *8	RGB/VIDEO INPUT Terminal:	BNC x 5 (RGB/YPbPr/YCbCr x 1), shared with VIDEO IN (BNC x 1, composite video)			
	INPUT 3 *8	COMPONENT/VIDEO INPUT Terminal: S-VIDEO INPUT Terminal:	RCA x 3 (YPbPr/YCbCr x 1), shared with VIDEO IN (RCA x 1, composite video) Mini DIN 4-pin x 1 (S-Video)			
		RGB OUT:	D-Sub HD 15-pin (female) x 1			
		AUDIO IN:	RCA (L, R) x 1, M3 (L, R) x 2			
		AUDIO OUT:	M3 (L, R) x 1 (variable)			
		SERIAL IN:	D-Sub 9-pin (female) x 1 for external control (RS-232C compliant)			
		REMOTE IN:	M3 x 1 for wired remote control			
		LAN:	RJ-45 x 1 [for network connection, 10Base-T/100Base-TX, compliant with PjLink™]			
	Operating noise *9	37 dB (LAMP POWER: NORMAL), 31 dB (LAMP POWER: ECO 1/ECO 2)				
Filter	x 1, recommended replacement cycle: 12,000 hours*10					
Mechanical shutter	Yes				-	
Cabinet materials	Molded plastic (PC + ABS)					
Dimensions (W x H x D)	PT-EZ570/EW630/EX600/EW530/EX500*: 489.5 x 164*11 x 434 mm [19.3 x 6.5*11 x 17.1 in] (with supplied lens) PT-EZ570L/EW630L/EX600L/EW530L/EX500L*: 489.5 x 164*11 x 370 mm [19.3 x 6.5*11 x 14.6 in] (without lens)					
Weight *9	Approximately 10.3 kg [22.7 lbs] (with supplied lens), approximately 9.6 kg [21.2 lbs] (without lens)			Approximately 10.2 kg [22.5 lbs] (with supplied lens), approximately 9.5 kg [20.9 lbs] (without lens)		
Operating environment	Operating temperature: 0 °C-40 °C [32 °F-104 °F]*12, operating humidity: 20 %-80 % [no condensation]					
Supplied accessories	Power cord x 1 [x 2 for EZ570E/EZ570EL, EW630E/EW630EL, EX600E/EX600EL, EW530E/EW530EL and EX500E/EX500EL], power cord holder x 1, wireless/wired remote control unit x 1, batteries (R03/LR03/AAA type x 2), computer cable x 1, Software CD-ROM x 1 [Logo Transfer Software, Multi Projector Monitoring and Control Software]					

*1 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. *2 The values above are maximum values when they are used in cycles of being turned on for 2 hours and off for 0.25 hours. When the lamps are turned on and off more frequently, the lamp replacement cycle is shortened. The usage environment affects the lamp replacement cycle. *3 The usage environment affects the lamp replacement cycle. *4 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. *5 The axis shift function cannot be used with the ET-ELW21. *6 With vertical correction only. *7 With horizontal correction only. *8 Menu selectable. *9 Average value. May differ depending on the actual unit. *10 The usage environment affects the duration of the filter. *11 With legs at shortest position. *12 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 April 2012.

PT-EZ570G1 Printed in Japan.

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