Panasonic
ideas for life

PT-EZ570 Series
LCD Projectors

PT-**EZ570/EZ570**L
PT-**EW630/EW630**L
PT-**EX600/EX600**L
PT-**EW530/EW530**L
PT-**EX500/EX500**L

Bright, Ecological Projectors with Excellent System Flexibility

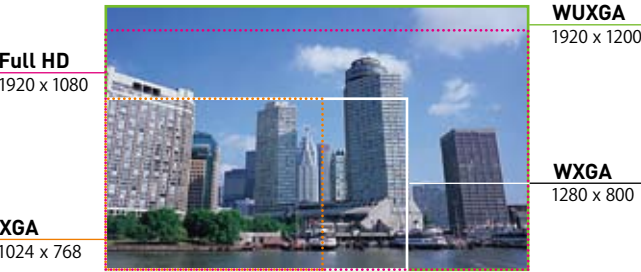| Classrooms	Lecture rooms	Meeting rooms

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 lm[*1]. In addition, the iris automatically adjusts itself to match the situation, resulting in high contrast ratio of up to 5,000:1[*2].

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.

WUXGA 1920 x 1200
Full HD 1920 x 1080
WXGA 1280 x 800
XGA 1024 x 768

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.

Conventional Projector   Daylight View Basic

Ecology-Conscious Reliability

A Dust-Resistant Cabinet Design and an Eco Filter that Needs No Replacement for 12,000 Hours[*3]

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 hours[*3]. 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 water[*4] and reused as an environmental consideration.

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.
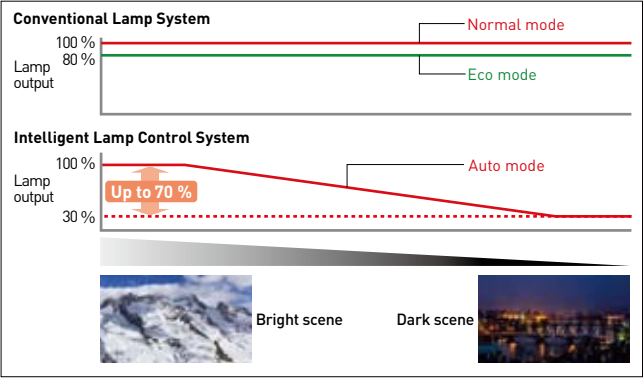
Lamp Replacement Cycle of up to 4,000 Hours[*5]

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 W[*6]

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.

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.

Conventional Lamp System
Lamp output — 100 %, 80 %
Normal mode
Eco mode

Intelligent Lamp Control System
Lamp output — 100 %, 30 %
Up to 70 %
Auto mode

Bright scene   Dark scene

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

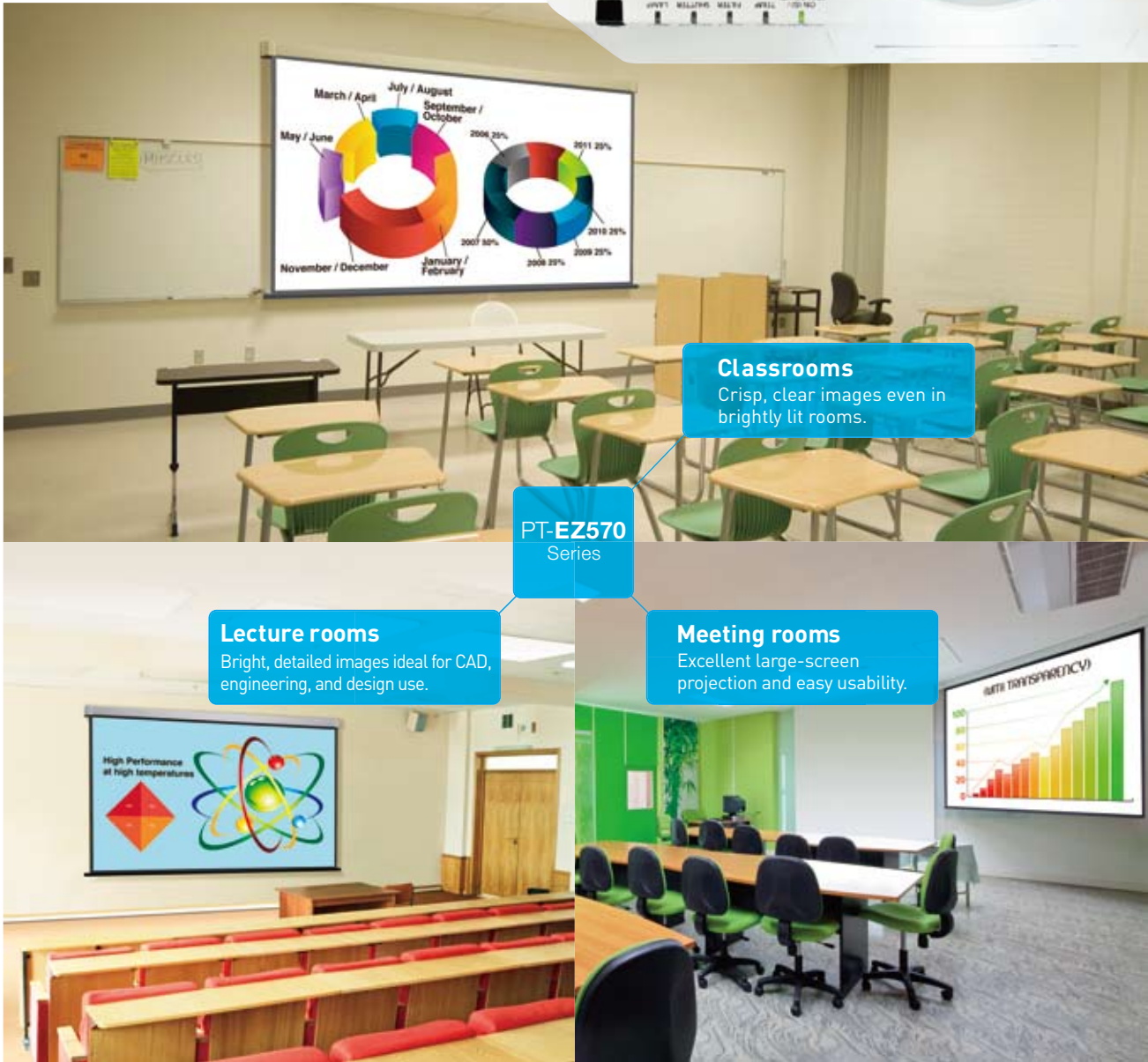Conventional brightness   Decrease brightness

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 eological design that lowers power consumption, flexibility in installation, and easy maintenance.

Model		lm	contrast	resolution
PT- **EZ570/EZ570**L[*]		5000 lm	5000:1	WUXGA
PT- **EW630/EW630**L[*]		5500 lm	5000:1	WXGA
PT- **EX600/EX600**L[*]		6000 lm	5000:1	XGA
PT- **EW530/EW530**L[*]		4500 lm	2000:1	WXGA
PT- **EX500/EX500**L[*]		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.
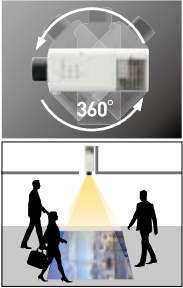
Classrooms
Crisp, clear images even in brightly lit rooms.

PT-EZ570
Series

Lecture rooms
Bright, detailed images ideal for CAD, engineering, and design use.

Meeting rooms
Excellent large-screen projection and easy usability.

* 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.

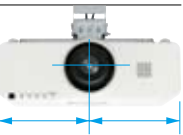# System Integration Flexibility and Easy Maintenance

Flexible Installation

The wide adjustment range of the powered horizontal/vertical lens shift function assures convenience and versatility during installation. It lets you easily make adjustments with the remote control. The unit can also be rotated 360 degrees vertically. This means you can install it at any angle you want, to accommodate different installation conditions.

Lens-Centered Design

A lens-centered, symmetrical design provides ease of installation, eliminating the need for special considerations when planning the installation site.

A Wide Selection of Optional Lenses

Choose from a wide lineup of lenses for your system, including short-throw, long-throw zoom and fixed-throw lenses for rear projection use. The additional lenses make it easy to adapt your projector to the installation site. The lenses attach and detach with one-touch ease.
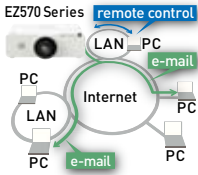
Corner Keystone Correction* Enables Angled Projection

All you need to do is designate four points as the corners of the projected image, and this function automatically carries out horizontal and vertical keystone correction. • PT-EZ570/EW630/EX600 only.

Web Browser Control/Monitoring and E-mail Message Alert

The PT-EZ570 Series can be easily operated remotely over a LAN network, because it is all done using the computer's familiar web browser. Furthermore, the projector sends an e-mail message to notify the operator when an error has occurred, or a lamp needs to be replaced.

Multi Projector Monitoring & Control Software

Panasonic's original freeware, "Multi Projector Monitoring & Control Software," allows the user to control and monitor multiple projectors at the same time via LAN. Projectors can be scheduled to turn on and off at a certain hour everyday. When a problem occurs, an alarm message is sent to the monitoring/controlling PC.

PJLink™ Compatibility

The LAN terminals support PJLink™ Class 1 connection, which is highly convenient for system construction.

Crestron RoomView™ Compatibility

The LAN terminal allows a computer connected to the network to use Crestron RoomView™ application software to manage and control system devices.

Abundant Terminals Including HDMI and DVI-D Inputs

Extensive interfaces include HDMI and DVI-D input terminals, two sets of computer (RGB) input terminals, and a serial (RS-232C) terminal for external control. It is also possible to output audio during Standby mode. This is convenient when connecting an external audio system through the projector.

Built-in 10-W Speaker

The PT-EZ570 Series projectors feature a high-output 10-watt monaural speaker that produces a large sound volume without requiring external speakers.

Quiet 31-dB*8 Design Does Not Interrupt Meetings or Classes

The quiet design keeps noise levels down to 31-dB, so the sound of the cooling fan is hardly noticeable. This helps the audience to keep their attention on the speech when someone is giving a presentation or on the screen images during quiet scenes.

Side-by-Side and P-in-P Function*9 for Effective Presentations and Lectures (PT-EZ570/L, PT-EW630/L, PT-EW530/L)

Two different image sources can be simultaneously displayed onto a single screen. You can also switch to P-in-P (Picture-in-Picture) mode and display a sub-window onto the main screen.
The sub-window can be positioned at any of the four corners (upper left, upper right, lower left, lower right) to expand the usable area as only a wide-screen projector can do.

Side-by-Side Mode   P-in-P Mode

Effective Theft Prevention with the Startup Logo

You can change the default Panasonic start up logo to your desired logo. A new logo can be easily uploaded by connecting a computer to the PT-EZ570 Series through the LAN or serial connection by using the Logo Transfer Software*. An abundance of other security measures are also included, such as a security bar, a user password and a control panel lock.

* Uploadable still images are limited to 1024 x 768 pixel bitmap files. Also, the application will reduce the number of colours to 191.

Security bar

Easy Lamp and Air Filter Replacement

For easy maintenance, you can replace the filter from the side and the lamp from the top of the projector. The filter and lamp are easily replaced even after the projector is installed on the ceiling.

Mechanical Lens Shutter (PT-EZ570/L, PT-EW630/L, PT-EX600/L)

The mechanical lens shutter completely blocks annoying light leakage when the projector is on standby or temporarily not in use, such as during a meeting.

Direct Power Off

The cooling fan continues to operate even when the main power switch is turned off after projection is finished. This also allows the power to be turned off by directly switching off the room's main breaker for systems, such as ceiling mounted systems, where the main power switch cannot be reached.

Other Valuable Features

• Closed caption decoder built-in for the US market. (NTSC only)

Ecology Conscious Design	• No halogenated flame retardants are used in the cabinet. • Lead-free glass is used for the lens. • Lamp power switching further reduces power consumption. • "ECO" button on the remote control. • Standby power consumption of only 0.4 W*6 has been achieved. • RoHS compliant.

* In STANDBY MODE 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.

*1 The PT-EX600/L has 6,000 lm, PT-EW630/L 5,500 lm, PT-EZ570/L and PT-EX500/L 5,000 lm, and PT-EW530/L has 4,500 lm of brightness.
*2 For the PT-EZ570/L, PT-EW630/L, PT-EX600/L. The PT-EW530/L and PT-EX500/L has 2,000:1 contrast ratio.
*3 The usage environment affects the duration of the filter.
*4 When washing with water, please follow the procedures listed in the operating instructions. Also, we recommend replacing the filter with a new one after it has been washed and reused twice. If the filter is not sufficiently clean after washing, replace it with a new one.
*5 With the lamp power set to Eco 1/Eco 2. Up to 3,000 hours with the Lamp power set to Normal.
*6 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.
*7 With the lamp mode set to auto.
*8 With the lamp power set to Eco 1 or Eco 2. 37 dB with the lamp power set to Normal.
*9 This function is not effective for some source combinations.

Projection distance

unit: mm [feet]

PT-EZ570

Diagonal image size	Projection distance (L)									Height from the edge of screen to center of lens (H)	
	ET-ELW20		Standard lens		ET-ELT20		ET-ELT21		ET-ELW21	ET-ELW20/Standard/ET-ELT20/ET-ELT21	ET-ELW21
Throw ratio (16:10 aspect ratio)	1.3–1.7:1		1.7–2.8:1		2.8–4.6:1		4.6-7.2:1		0.8:1		
	min.(wide)	max.(tele)	min.(wide)	max.(tele)	min.(wide)	max.(tele)	min.(wide)	max.(tele)	fix		fix
40"	1017 (3.3)	1407 (4.6)	1357 (4.5)	2354 (7.7)	2290 (7.5)	3807 (12.5)	3716 (12.2)	6029 (19.8)	629 (2.1)	-54 – 592 (-0.20 – 1.90)	269 (0.90)
50"	1285 (4.2)	1772 (5.8)	1710 (5.6)	2954 (9.7)	2891 (9.5)	4787 (15.7)	4699 (15.4)	7589 (24.9)	801 (2.6)	-67 – 740 (-0.20 – 2.40)	337 (1.10)
60"	1553 (5.1)	2137 (7.0)	2063 (6.8)	3554 (11.7)	3492 (11.5)	5767 (18.9)	5681 (18.6)	9149 (30.0)	973 (3.2)	-81 – 888 (-0.30 – 2.90)	404 (1.30)
70"	1822 (6.0)	2502 (8.2)	2416 (7.9)	4155 (13.6)	4093 (13.4)	6747 (22.1)	6663 (21.9)	10709 (35.1)	1145 (3.8)	-94 – 1037 (-0.30 – 3.40)	471 (1.50)
80"	2090 (6.9)	2867 (9.4)	2770 (9.1)	4755 (15.6)	4694 (15.4)	7727 (25.4)	7645 (25.1)	12269 (40.3)	1317 (4.3)	-108 – 1185 (-0.40 – 3.90)	538 (1.80)
90"	2358 (7.7)	3233 (10.6)	3123 (10.2)	5356 (17.6)	5295 (17.4)	8707 (28.6)	8627 (28.3)	13829 (45.4)	1488 (4.9)	-121 – 1333 (-0.40 – 4.40)	606 (2.00)
100"	2626 (8.6)	3598 (11.8)	3476 (11.4)	5956 (19.5)	5896 (19.3)	9687 (31.8)	9609 (31.5)	15389 (50.5)	1660 (5.5)	-135 – 1481 (-0.40 – 4.90)	673 (2.20)
120"	3162 (10.4)	4328 (14.2)	4182 (13.7)	7157 (23.5)	7098 (23.3)	11647 (38.2)	11573 (38.0)	18509 (60.7)	2004 (6.6)	-162 – 1777 (-0.50 – 5.80)	808 (2.60)
150"	3967 (13.0)	5423 (17.8)	5241 (17.2)	8959 (29.4)	8901 (29.2)	14587 (47.9)	14520 (47.6)	23189 (76.1)	2519 (8.3)	-202 – 2221 (-0.70 – 7.30)	1010 (3.30)
200"	5308 (17.4)	7249 (23.8)	7006 (23.0)	11961 (39.2)	11906 (39.1)	19487 (63.9)	19431 (63.7)	30988 (101.7)	3378 (11.1)	-269 – 2962 (-0.90 – 9.70)	1346 (4.40)
250"	6649 (21.8)	9074 (29.8)	8771 (28.8)	14963 (49.1)	14911 (48.9)	24387 (80.0)	24341 (79.8)	38788 (127.3)	4237 (13.9)	-337 – 3702 (-1.10 – 12.10)	1683 (5.50)
300"	7989 (26.2)	10900 (35.8)	10537 (34.6)	17965 (58.9)	17917 (58.8)	29287 (96.1)	29252 (96.0)	46588 (152.8)	5096 (16.7)	-404 – 4442 (-1.30 – 14.60)	2019 (6.60)
400"	10671 (35.0)	14551 (47.7)	14067 (46.2)	23970 (78.6)	23927 (78.5)	39088 (128.2)	39073 (128.2)	62188 (204.0)	6813 (22.4)	-538 – 5923 (-1.80 – 19.40)	2692 (8.80)

PT-EW630/EW530

unit: mm [feet]

Diagonal image size	Projection distance (L)									Height from the edge of screen to center of lens (H)	
	ET-ELW20		Standard lens		ET-ELT20		ET-ELT21		ET-ELW21	ET-ELW20/Standard/ET-ELT20/ET-ELT21	ET-ELW21
Throw ratio (16:10 aspect ratio)	1.3–1.7:1		1.7–2.8:1		2.8–4.6:1		4.6-7.2:1		0.8:1		
	min.(wide)	max.(tele)	min.(wide)	max.(tele)	min.(wide)	max.(tele)	min.(wide)	max.(tele)	fix		fix
40"	1041 (3.4)	1435 (4.7)	1390 (4.6)	2402 (7.9)	2339 (7.7)	3885 (12.7)	3795 (12.5)	6154 (20.2)	643 (2.1)	-54 – 592 (-0.20 – 1.90)	269 (0.90)
50"	1315 (4.3)	1807 (5.9)	1750 (5.7)	3015 (9.9)	2952 (9.7)	4885 (16.0)	4797 (15.7)	7745 (25.4)	819 (2.7)	-67 – 740 (-0.20 – 2.40)	337 (1.10)
60"	1589 (5.2)	2179 (7.1)	2110 (6.9)	3628 (11.9)	3565 (11.7)	5884 (19.3)	5799 (19.0)	9337 (30.6)	994 (3.3)	-81 – 888 (-0.30 – 2.90)	404 (1.30)
70"	1863 (6.1)	2551 (8.4)	2470 (8.1)	4241 (13.9)	4179 (13.7)	6884 (22.6)	6801 (22.3)	10928 (35.9)	1169 (3.8)	-94 – 1037 (-0.30 – 3.40)	471 (1.50)
80"	2137 (7.0)	2923 (9.6)	2830 (9.3)	4854 (15.9)	4792 (15.7)	7883 (25.9)	7803 (25.6)	12519 (41.1)	1344 (4.4)	-108 – 1185 (-0.40 – 3.90)	538 (1.80)
90"	2411 (7.9)	3295 (10.8)	3190 (10.5)	5467 (17.9)	5405 (17.7)	8883 (29.1)	8805 (28.9)	14110 (46.3)	1519 (5.0)	-121 – 1333 (-0.40 – 4.40)	606 (2.00)
100"	2685 (8.8)	3667 (12.0)	3550 (11.6)	6080 (19.9)	6018 (19.7)	9882 (32.4)	9807 (32.2)	15701 (51.5)	1694 (5.6)	-135 – 1481 (-0.40 – 4.90)	673 (2.20)
120"	3233 (10.6)	4411 (14.5)	4270 (14.0)	7306 (24.0)	7245 (23.8)	11880 (39.0)	11811 (38.8)	19311 (63.4)	2045 (6.7)	-162 – 1777 (-0.50 – 5.80)	808 (2.60)
150"	4055 (13.3)	5527 (18.1)	5350 (17.6)	9145 (30.0)	9084 (29.8)	14880 (48.8)	14817 (48.6)	23657 (77.6)	2570 (8.4)	-202 – 2221 (-0.70 – 7.30)	1010 (3.30)
200"	5425 (17.8)	7387 (24.2)	7150 (23.5)	12210 (40.1)	12150 (39.9)	19877 (65.2)	19827 (65.1)	31613 (103.7)	3446 (11.3)	-269 – 2962 (-0.90 – 9.70)	1346 (4.40)
250"	6795 (22.3)	9247 (30.3)	8950 (29.4)	15275 (50.1)	15216 (49.9)	24875 (81.6)	24837 (81.5)	39569 (129.8)	4322 (14.2)	-337 – 3702 (-1.10 – 12.10)	1683 (5.50)
300"	8165 (26.8)	11107 (36.4)	10750 (35.3)	18340 (60.2)	18282 (60.0)	29872 (98.0)	29847 (97.9)	47525 (155.9)	5198 (17.1)	-404 – 4442 (-1.30 – 14.60)	2019 (6.60)
400"	10905 (35.8)	14827 (48.6)	14350 (47.1)	24470 (80.3)	24414 (80.1)	39867 (130.8)	39867 (130.8)	63437 (208.1)	6950 (22.8)	-538 – 5923 (-1.80 – 19.40)	2692 (8.80)

PT-EX600/EX500

unit: mm [feet]

Diagonal image size	Projection distance (L)									Height from the edge of screen to center of lens (H)	
	ET-ELW20		Standard lens		ET-ELT20		ET-ELT21		ET-ELW21	ET-ELW20/Standard/ET-ELT20/ET-ELT21	ET-ELW21
Throw ratio [4:3 aspect ratio]	1.3–1.7:1		1.7–2.8:1		2.8–4.6:1		4.6-7.2:1		0.8:1		
	min.(wide)	max.(tele)	min.(wide)	max.(tele)	min.(wide)	max.(tele)	min.(wide)	max.(tele)	fix		fix
40"	972 (3.2)	1346 (4.4)	1301 (4.3)	2256 (7.4)	2191 (7.2)	3650 (12.0)	3555 (11.7)	5777 (19.0)	602 (2.0)	0 – 610 (0.0 – 2.0)	305 (1.00)
50"	1229 (4.0)	1696 (5.6)	1640 (5.4)	2832 (9.3)	2768 (9.1)	4590 (15.1)	4497 (14.8)	7274 (23.9)	767 (2.5)	0 – 762 (0.0 – 2.5)	381 (1.30)
60"	1486 (4.9)	2046 (6.7)	1979 (6.5)	3408 (11.2)	3344 (11.0)	5531 (18.1)	5439 (17.8)	8771 (28.8)	932 (3.1)	0 – 914 (0.0 – 3.0)	457 (1.50)
70"	1743 (5.7)	2396 (7.9)	2318 (7.6)	3984 (13.1)	3921 (12.9)	6471 (21.2)	6382 (20.9)	10268 (33.7)	1097 (3.6)	0 – 1067 (0.0 – 3.5)	533 (1.80)
80"	2000 (6.6)	2746 (9.0)	2657 (8.7)	4560 (15.0)	4497 (14.8)	7412 (24.3)	7324 (24.0)	11765 (38.6)	1262 (4.1)	0 – 1219 (0.0 – 4.0)	610 (2.00)
90"	2257 (7.4)	3096 (10.2)	2996 (9.8)	5136 (16.9)	5073 (16.6)	8353 (27.4)	8266 (27.1)	13262 (43.5)	1427 (4.7)	0 – 1372 (0.0 – 4.5)	686 (2.30)
100"	2514 (8.2)	3446 (11.3)	3335 (10.9)	5712 (18.7)	5650 (18.5)	9293 (30.5)	9208 (30.2)	14759 (48.4)	1592 (5.2)	0 – 1524 (0.0 – 5.0)	762 (2.50)
120"	3028 (9.9)	4146 (13.6)	4013 (13.2)	6864 (22.5)	6803 (22.3)	11174 (36.7)	11092 (36.4)	17753 (58.2)	1922 (6.3)	0 – 1829 (0.0 – 6.0)	914 (3.00)
150"	3799 (12.5)	5196 (17.0)	5030 (16.5)	8592 (28.2)	8532 (28.0)	13996 (45.9)	13918 (45.7)	22244 (73.0)	2417 (8.0)	0 – 2286 (0.0 – 7.5)	1143 (3.80)
200"	5084 (16.7)	6946 (22.8)	6725 (22.1)	11472 (37.6)	11414 (37.4)	18699 (61.3)	18629 (61.1)	29729 (97.5)	3242 (10.6)	0 – 3048 (0.0 – 10.0)	1524 (5.00)
250"	6369 (20.9)	8696 (28.5)	8420 (27.6)	14352 (47.1)	14296 (46.9)	23402 (76.8)	23339 (76.6)	37214 (122.1)	4067 (13.3)	0 – 3810 (0.0 – 12.5)	1905 (6.30)
300"	7654 (25.1)	10446 (34.3)	10115 (33.2)	17232 (56.5)	17178 (56.4)	28105 (92.2)	28050 (92.0)	44699 (146.7)	4892 (16.1)	0 – 4572 (0.0 – 15.0)	2286 (7.50)
400"	10224 (33.5)	13946 (45.8)	13505 (44.3)	22992 (75.4)	22942 (75.3)	37511 (123.1)	37471 (122.9)	59669 (195.8)	6542 (21.5)	0 – 6096 (0.0 – 20.0)	3048 (10.00)

Upper edge of projected image
Projected image
Lower edge of projected image

Dimensions

unit: mm (inch)

489.5 (19-9/32)
164 (6-15/32)
370 (14-9/16)
434 (17-3/32)

Optional accessories

Zoom lens
ET-ELW20

Zoom lens
ET-ELT20

Zoom lens
ET-ELT21

Fixed-focus lens
ET-ELW21

High-ceiling mount blanket
ET-PKE200H

Low-ceiling mount blanket
ET-PKE200S

Bracket assembly
ET-PKE200B

Replacement lamp unit
ET-LAE200

Replacement filter unit
ET-RFE200

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)
LCD panel — Display method	Transparent LCD panel (× 3, R/G/B)				
LCD panel — Drive method	Active matrix				
LCD panel — Pixels	2,304,000 (1,920 × 1,200) × 3, total of 6,912,000 pixels	1,024,000 (1,280 × 800) × 3, total of 3,072,000 pixels	786,432 (1,024 × 768) × 3, total of 2,359,296 pixels	1,024,000 (1,280 × 800) × 3, total of 3,072,000 pixels	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 *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 ×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 — HDMI/DVI-D	f_H: 26–80 kHz, f_V: 23–85 Hz, dot clock: 162 MHz or lower				
Scanning frequency — RGB (analog)	f_H: 15–120 kHz, f_V: 48–100 Hz, dot clock: 230 MHz or lower (Signals exceeding the dot clock rate of 163 MHz are downsampled.)	f_H: 15–120 kHz, f_V: 48–100 Hz, dot clock: 230 MHz or lower (Signals exceeding the dot clock rate of 140 MHz are downsampled.)			
Scanning frequency — YPBPR (YCBCR)	f_H: 15.75 kHz, f_V: 60 Hz [480i (525i)] f_H: 31.50 kHz, f_V: 60 Hz [480p (525p)] f_H: 15.63 kHz, f_V: 50 Hz [576i (625i)] f_H: 31.25 kHz, f_V: 50 Hz [576p (625p)] f_H: 45.00 kHz, f_V: 60 Hz [720 (750)/60p] f_H: 37.50 kHz, f_V: 50 Hz [720 (750)/50p]	f_H: 33.75 kHz, f_V: 60 Hz [1035/60i] f_H: 33.75 kHz, f_V: 60 Hz [1080 (1125)/60i] f_H: 28.13 kHz, f_V: 50 Hz [1080 (1125)/50i] f_H: 28.13 kHz, f_V: 25 Hz [1080/25p] f_H: 28.13 kHz, f_V: 50 Hz [1080/25sF] f_H: 27.00 kHz, f_V: 24 Hz [1080/24p]	f_H: 27.00 kHz, f_V: 48 Hz [1080/24sF] f_H: 33.75 kHz, f_V: 30 Hz [1080/30p] f_H: 33.75 kHz, f_V: 60 Hz [1080/30sF] f_H: 67.50 kHz, f_V: 60 Hz [1080/60p] f_H: 56.25 kHz, f_V: 50 Hz [1080/50p]		
Scanning frequency — Video/S-Video	f_H: 15.75 kHz, f_V: 60 Hz [NTSC/NTSC4.43/PAL-M/PAL60], f_H: 15.63 kHz, f_V: 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	Vertical ±50 %, 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 × 1, output power: 10.0 W (monaural)				
Terminals — INPUT 1 *8	DVI-D INPUT Terminal: DVI-D 24-pin × 1 (DVI 1.0 compliant, compatible with HDCP, compatible with single link only) HDMI INPUT Terminall: HDMI 19-pin × 1 (Deep Color, compatible with HDCP) RGB INPUT Terminal: D-Sub HD 15-pin (female) × 1				
Terminals — INPUT 2 *8	RGB/VIDEO INPUT Terminal: BNC × 5 (RGB/YPBPR/YCBCR × 1), shared with VIDEO IN (BNC × 1, composite video)				
Terminals — INPUT 3 *8	COMPORNENT/VIDEO INPUT Terminal: RCA × 3 (YPBPR/YCBCR × 1), shared with VIDEO IN (RCA × 1, composite video) S-VIDEO INPUT Terminal: Mini DIN 4-pin × 1 (S-Video)				
Terminals — RGB OUT	D-Sub HD 15-pin (female) × 1				
Terminals — AUDIO IN	RCA (L, R) × 1, M3 (L, R) × 2				
Terminals — AUDIO OUT	M3 (L, R) × 1 (variable)				
Terminals — SERIAL IN	D-Sub 9-pin (female) × 1 for external control (RS-232C compliant)				
Terminals — REMOTE IN	M3 × 1 for wired remote control				
Terminals — LAN	RJ-45 × 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	× 1, recommended replacement cycle: 12,000 hours*10				
Mechanical shutter	Yes			–	
Cabinet materials	Molded plastic (PC + ABS)				
Dimensions (W × H × D)	PT-EZ570/EW630/EX600/EW530/EX500*: 489.5 × 164*11 × 434 mm (19.3 × 6.5*11 × 17.1 in) (with supplied lens) PT-EZ570L/EW630L/EX600L/EW530L/EX500L*: 489.5 × 164*11 × 370 mm (19.3 × 6.5*11 × 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 × 1 (× 2 for EZ570E/EZ570EL, EW630E/EW630EL, EX600E/EX600EL, EW530E/EW530EL and EX500E/EX500EL), power cord holder × 1, wireless/wired remote control unit × 1, batteries (R03/LR03/AAA type × 2), computer cable × 1, Software CD-ROM × 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.
* 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.

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All information included here is valid as of April 2012.

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