

Excellent Portability and Superb Basic Performance in a Compact Body.

PT-LX300

3,000 lm

XGA

PT-LX270

2,700 lm

XGA



Superb Basic Performance in a Compact Body

- Up to 3,000 lm*¹ of brightness in a compact body
- High contrast ratio up to 4,000:1 produces images with excellent detail and depth
- A maximum 10,000-hour*² lamp replacement cycle reduces your maintenance cost and time
- Quiet 29-dB*³ design does not disturb meetings or classes

Excellent and Eco Friendly Performance

- 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 64 %
- Environmentally friendly standby power consumption of 0.5W*⁴

Various Convenient Functions

- Equipped with HDMI input terminal
- 2 W speaker enables audio playback directly from the projector
- “Wall Color Setting” provides five wall colors (White, Light yellow, Light blue, Pink, Dark green), enabling easy projection on to different surfaces
- Audio can be output from the variable audio output terminal in Standby mode
- Projector identification system for remote control allocation of up to six projectors
- Effective theft prevention with the startup logo
- Built-in closed caption decoder

*¹ PT-LX270 has brightness of 2,700 lm.

*² This is the maximum value when the lamp power is set to Auto mode where 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, the lamp replacement cycle will shorten. The usage environment affects the duration of the lamp.

*³ The lamp power is set to Eco.

*⁴ When [VGA Out (Standby)] / [In Standby Mode (Audio)] are all set to [Off].



Specifications

Model	PT-LX300	PT-LX270
Power supply	100 – 240 V AC, 50/60 Hz	
Power consumption	218 W (0.5 W when STANDBY MODE set to ECO,** 6.0 W when STANDBY MODE set to NORMAL.***)	
DLP™ chip	Panel size	14 mm (0.55 inches) (4:3 aspect ratio)
	Display method	DLP™ chip x 1 DLP™ system
	Pixels	786,432 (1,024 x 768) pixels
Lens	Manual zoom 1.1x (1.95 – 2.15:1 throw ratio), manual focus, F 2.41–2.53, f=21.8–24mm	
Lamp	190 W UHM lamp	
Lamp replacement cycle (Normal / Eco1, Eco2 / AUTO)	4,500 / 6,000 / 10,000 hours*3	5,000 / 6,000 / 10,000 hours*3
Screen size (diagonal)	0.76–7.62 m (30–300 inches), 4:3 aspect ratio	
Brightness**4	3,000 lm	2,700 lm
Center-to-corner uniformity**4	80%	
Contrast**4	4,000 : 1 (full on/off)(During RGB signal input, Color mode : Dynamic, Lamp power: Normal)	
Resolution	1,024 x 768 pixels (Input signals that exceed this resolution will be converted to 1,024 x 768 pixels.)	
Optical axis shift	10:–1.5	
Scanning frequency	HDMI	fH: 15 kHz – 91.1 kHz, fV: 24 Hz – 85.1 Hz, dot clock: 25 MHz – 162 MHz
	RGB (analog)	fH: 15 kHz – 91.1 kHz, fV: 24 Hz – 85.1 Hz, dot clock: 162 MHz or lower
Keystone correction range	YPaPn (YCaCa)	fH: 15.75 kHz, fV: 60 Hz [480i(525i)], fH: 15.63 kHz, fV: 50 Hz [576i(625i)], fH: 31.50 kHz, fV: 60 Hz [480p(525p)], fH: 31.25 kHz, fV: 50 Hz [576p(625p)], fH: 45.00 kHz, fV: 60 Hz [720i(750i)/60p], fH: 37.50 kHz, fV: 50 Hz [720i(750i)/50p], fH: 33.75 kHz, fV: 60 Hz [1080i(1125i)/60i], fH: 28.13 kHz, fV: 50 Hz [1080i(1125i)/50i], fH: 27.00 kHz, fV: 24 Hz [1080i(1125i)/24p], fH: 67.50 kHz, fV: 60 Hz [1080i(1125i)/60p], fH: 56.25 kHz, fV: 50 Hz [1080i(1125i)/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/PAL-N/SECAM]
Installation	Vertical: ±40° (manual) Ceiling/floor, front/rear	
Terminals	HDMI IN	HDMI 19-pin x 1 (Deep color, compatible with HDCP) Audio signal Linear PCM (Sampling frequency: 48 kHz/44.1 kHz/32 kHz)
	COMPUTER IN	D-sub HD 15-pin (female) x 1 [RGB/YPB(Ca)/PR(Ca) x 1]
	MONITOR OUT	D-sub HD 15-pin (female) x 1
	VIDEO IN	Pin jack x 1
Built-in speaker	SERIAL IN	Mini DIN 3-pin (female) x 1 for external control (RS-232C compliant)
	AUDIO IN	M3 x 1 (L-R x 1)
	AUDIO OUT	M3 x 1 (L-R x 1) (variable)
Cabinet materials	Molded plastic (PC)	
Dimensions (W x H x D)	286 x 100.6**5 x 192 mm (11-1/4" x 3-31/32" x 7-9/16")	
Weight	Approx. 2.3 kg (5.1 lbs)**6	
Noise level	34 dB (Lamp power: Normal); 29 dB (Lamp power: Eco)	
Operating environment	Operating temperature: 5°C – 40°C(41°F – 104°F) [Less than 750 m (2,500 ft) above sea level]; 5°C – 35°C(41°F – 95°F) [750 – 1,500 m (2,500 – 5,000 ft) above sea level]; 5°C – 30°C(41°F – 86°F) [1,500 – 3,000 m(5,000 – 10,000 ft) above sea level] Operating humidity: 20% – 80% (no condensation)	
Supplied accessories	Power cord (1.8 m**7) x 1**, Wireless remote control unit x 1, Lithium coin cell battery x 1, Computer cable (1.8 m) x 1	



- *1 When [VGA Out (Standby)] / [In Standby Mode (Audio)] are all set to [Off].
 *2 When [VGA Out (Standby)] / [In Standby Mode (Audio)] are all set to [On].
 *3 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, the lamp replacement cycle will shorten. The usage environment affects the duration of the lamp.

- *4 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.
 *5 With legs at shortest position.
 *6 The above values are averages. Actual values may be different according to the product.
 *7 Power cord (2m) for the PT-LX300U/LX270U.
 *8 Power code (x2) for the PT-LX300EA/LX270EA.
 *9 This product is used together with an optional attachment (sold separately).

Caution

Do not install the projector in locations that are subject to excessive water, humidity, steam or oily smoke. Doing so may result in fire, malfunction or electric shock.

NOTE ON USE

- The projector uses a high-voltage mercury lamp under high internal pressure. This lamp may break, emitting a popping sound, or fail to illuminate, due to impact or extended use.
- The high-wattage lamp becomes very hot during operation. Please observe the following precautions:
 - Never place objects on top of the projector while it is in operation.
 - Make sure there is an unobstructed space of 1000 mm (3 ft 3 in) or more around the projector's exhaust openings.
 - If stacking projector units, care must be taken to provide the recommended space between units. These space requirements also apply to installation where only one projector unit is operating at one time and the other unit is used as a backup.

- If the projector is placed in a box or enclosure, the temperature of the air surrounding the projector must match the operating temperature listed in the specifications table during use. Also, make sure the projector's intake and exhaust openings are not blocked. Ensure there is sufficient ventilation to prevent hot air from the exhaust openings being recirculated into the intake opening.
- The lamp replacement cycle duration becomes shorter if the projector is operated repeatedly for short periods.
 - The lamp replacement cycle varies greatly depending on individual lamp characteristics and usage conditions.
 - The brightness of the lamp will gradually decrease with use.
- Due to natural characteristics of lamps, screen brightness may fluctuate. This is not an indication of faulty lamp performance.

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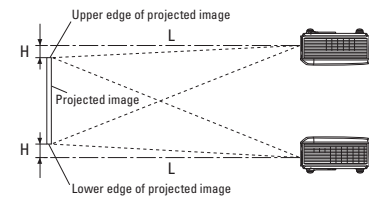


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Weights and dimensions shown are approximate. Specifications and appearance are subject to change without notice. Product availability differs depending on region and country. This product may be subject to export control regulations. The projection distances and throw ratios given in this brochure are for use only as guidelines. For more detailed information, please consult the dealer from whom you are purchasing the product. DLP™ (Digital Light Processing), DLP™ Chip, DLP Medallion Logo and DLP™ Link™ are trademarks or registered trademarks of Texas Instruments. HDMI, the HDMI logo and High-Definition Multimedia Interface is a trademark or registered trademark of HDMI Licensing LLC. All other trademarks are the property of their respective trademark owners. Projection images simulated. © 2013 Panasonic Corporation. All rights reserved.

Projection distance

unit: meters (feet)

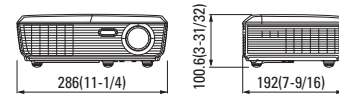


PT-LX300/LX270 (4:3 aspect ratio; throw ratio: 1.95-2.15:1)

Diagonal image size	Projection distance (L)		Height from the edge of screen to center of lens (H)
	min.(wide)	max.(tele)	
0.76 [30"]	1.2 (3.9')	1.3 (4.3')	-0.07 (-0.23')
1.02 [40"]	1.6 (5.2')	1.7 (5.6')	-0.09 (-0.30')
1.27 [50"]	2.0 (6.6')	2.2 (7.2')	-0.11 (-0.36')
1.52 [60"]	2.4 (7.9')	2.6 (8.5')	-0.14 (-0.46')
1.78 [70"]	2.8 (9.2')	3.1 (10.2')	-0.16 (-0.52')
2.03 [80"]	3.2 (10.5')	3.5 (11.5')	-0.18 (-0.59')
2.29 [90"]	3.6 (11.8')	3.9 (12.8')	-0.21 (-0.69')
2.54 [100"]	4.0 (13.1')	4.4 (14.4')	-0.23 (-0.75')
3.05 [120"]	4.8 (15.7')	5.2 (17.1')	-0.27 (-0.89')
3.81 [150"]	5.9 (19.4')	6.6 (21.7')	-0.34 (-1.12')
5.08 [200"]	7.9 (25.9')	8.7 (28.5')	-0.46 (-1.51')
6.35 [250"]	9.9 (32.5')	10.9 (35.8')	-0.57 (-1.87')
7.62 [300"]	11.9 (39.0')	13.1 (43.0')	-0.69 (-2.26')

Dimensions

unit: mm (inch)



Optional accessories

- Ceiling mount bracket for high ceilings**9
ET-PKV100H
- Ceiling mount bracket for low ceilings**9
ET-PKV100S
- Attachment for ceiling mount bracket
ET-PKL300B
- Replacement lamp unit
ET-LAL320

All information included here is valid as of June 2013.

PT-LX300G1 Printed in Japan.