



PT-LX300 SERIES (1-CHIP DLP™ PROJECTORS)

SUPERB PERFORMANCE IN A COMPACT BODY AND PORTABLE FOR EVEN MORE CONVENIENCE

| PT-LX300 | PT-LX270 |
|-----------------|-----------------|
| 3,000 lm | 2,700 lm |
| XGA (1,024x768) | XGA (1,024x768) |

Superb Basic Performance in a Compact Body

- Up to 3,000 lm^{*1} of brightness in a compact body, weighing 2.5 kg or less
- 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

Various Convenient Functions

- Equipped with HDMI input terminal
- "Wall Colour Setting" provides five wall colours [blackboard (dark green), white, light yellow, light blue and pink], enabling easy projection on to different surfaces
- Projector identification system for remote control allocation of up to six projectors

Excellent and Eco Friendly Performance

- Intelligent Lamp Control System reduces power consumption
- Environmentally friendly standby power consumption of 0.5 W^{*4}

^{*1} PT-LX300 has brightness of 3,000 lm. 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} When the lamp power is set to Eco.

^{*4} When [VGA out (standby)] / [In standby mode (Audio)] are all set to [Off].

Optional Accessories

Ceiling mount bracket*8
 ET-PKV100H (for high ceilings)
 ET-PKV100S (for low ceilings)
 Bracket assembly
 ET-PKL300B

Replacement lamp unit
 ET-LAL320

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.*1 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 1.1× (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*2 | 5,000 / 6,000 / 10,000 hours*2 |
| Screen size (diagonal) | | 0.76–7.62 m (30–300 inches), 4:3 aspect ratio | |
| Brightness*3 | | 3,000 lm | 2,700 lm |
| Center-to-corner uniformity*3 | | 80% | |
| Contrast*3 | | 4,000 : 1 (full on/off)(During RGB signal input, Colour mode : Dynamic, Lamp power:Normal) | |
| Resolution | | 1,024 × 768 pixels (Input signals that exceed this resolution will be converted to 1,024 × 768 pixels.) | |
| Optical axis shift | | 10–1.5 | |
| Scanning frequency | HDMI | fH: 15 kHz – 100 kHz, fV: 24 Hz – 120 Hz, dot clock: 25 MHz – 162 MHz | |
| | RGB (analog) | fH: 15 kHz – 100 kHz, fV: 24 Hz – 120 Hz, dot clock: 165 MHz or lower | |
| | YPBPR (YCBCR) | 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 (720(750)/60p), fH: 37.50 kHz, fV: 50 Hz (720(750)/50p), fH: 33.75 kHz, fV: 60 Hz (1080(1125)/60i), fH: 28.13 kHz, fV: 50 Hz (1080(1125)/50i), fH: 27.00 kHz, fV: 24 Hz (1080(1125)/24p), fH: 67.50 kHz, fV: 60 Hz (1080(1125)/60p), fH: 56.25 kHz, fV: 50 Hz (1080(1125)/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) | |
| Keystone correction range | | Vertical: ±40° (manual) | |
| Installation | | Ceiling/floor, front/rear | |
| Terminals | HDMI IN | HDMI 19-pin x 1 (Deep colour, compatible with HDCP) Audio signal Linear PCM (Sampling frequency: 48 kHz/44.1 kHz/32 kHz) | |
| | COMPUTER 1 IN | D-sub HD 15-pin (female) x 1 (RGB/YPB(CB)/PR(CR) x 1) | |
| | COMPUTER 2 IN | - | |
| | MONITOR OUT | D-sub HD 15-pin (female) x 1 (The signal selected from computer input 1/2 is output.) | |
| | VIDEO IN | Pin jack x 1 | |
| | SERIAL IN | Mini DIN 3-pin (female) x 1 for external control (RS-232C compliant) | |
| | AUDIO 1 IN | M3 x 1 (L-R x 1) | |
| | AUDIO 2 IN | - | |
| | AUDIO OUT | M3 x 1 (L-R x 1) | |
| LAN | | - | |
| Built-in speaker | | 4 cm x 2 cm Oval x1 output power 2 W (Monaural) | |
| Cabinet materials | | Molded plastic (PC) | |
| Dimensions (W × H × D) | | 286 x 100.6 ⁴ x 192 mm (11-1/4" x 3-31/32" x 7-9/16") | |
| Weight | | Approx. 2.3 kg (5.1 lbs) ⁵ | |
| 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 ⁶) x 1 ⁷ , Power cord cover 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 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. *3 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. *4 With legs at shortest position. *5 The above values are averages. Actual values may be different according to the product. *6 Power cord (2m) for the PT-LX300U/PT-LX270U. *7 Power cord (x2) for the PT-LX300EA/PT-LX270EA. *8 This product is used together with an optional bracket assembly (sold separately).

For more information about Panasonic projectors, please visit:
 Projector Web Site – business.panasonic.co.uk/visual-system

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