



PT-LW271 SERIES (1-CHIP DLP™ PROJECTORS)

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

PT-LW271	PT-LX351
2,700 lm	3,500 lm
WXGA (1,280x800)	XGA (1,024x768)

Superb Basic Performance in a Compact Body

- Up to 3,500 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*³ lamp replacement cycle reduces your maintenance cost and time
- Quiet 29-dB*⁴ design does not disturb meetings or classes

Various Convenient Functions

- Equipped with HDMI input terminal
- 8 W speaker enables audio playback directly from the projector
- "Wall Colour Setting" provides five wall colours [blackboard (dark green), white, light yellow, light blue and pink], enabling easy projection on to different surfaces
- Compatible with Crestron Connected™
- Easy lamp replacement from the top of the projector
- "Security Bar" useful for protection against theft
- 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*⁵

*1 PT-LW271 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 For PT-LW271. PT-LX351 is 7500 hours.

*4 The lamp power is set to Eco. For PT-LX351, set it to Eco1 or Eco2.

*5 When [LAN (standby)] / [VGA out (standby)] / [In standby mode (Audio)] are all set to [Off].

Optional Accessories SPECIFICATIONS

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

Replacement lamp unit
 ET-LAL340
 (Exclusively for PT-LX351)
 ET-LAL330
 (Exclusively for PT-LW271)

Model		PT-LW271	PT-LX351
Power supply		100 – 240 V AC, 50/60 Hz	
Power consumption		260 W (0.5 W when STANDBY MODE set to ECO,*1 6.0 W when STANDBY MODE set to NORMAL.)	320 W (0.5 W when STANDBY MODE set to ECO,*1 6.0 W when STANDBY MODE set to NORMAL.)
DLP™ Chip	Panel size	16.5 mm (0.65 inches) (16:10 aspect ratio)	14 mm (0.55 inches) (4:3 aspect ratio)
	Display method	DLP™ chip x 1 DLP™ system	
	Pixels	1,024,000 (1,280 x 800) pixels	786,432 (1,024 x 768) pixels
Lens		Manual zoom 1.1× (1.55 – 1.7:1 throw ratio), manual focus, F 2.5–2.67, f=21.8 – 24mm	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	240 W UHM lamp
Lamp replacement cycle (Normal / Eco, Eco2 / AUTO)		5,000 / 6,000 / 10,000 hours*2	3,000 / 4,000 / 7,500 hours*2
Screen size (diagonal)		0.76–7.62 m (30–300 inches), 16:10 aspect ratio	0.76–7.62 m (30–300 inches), 4:3 aspect ratio
Brightness*3		2,700 lm	3,500 lm
Center-to-corner uniformity*3		80%	
Contrast*3		4,000 : 1 (full on/off) During RGB signal input, Color mode : Dynamic, Lamp power: Normal	
Resolution		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.)
Optical axis shift		10:-1.2	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	D-sub HD 15-pin (female) x 1 [RGB/YPB(CB)/PR(CR) x 1]	
	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	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)	
	AUDIO 1 IN	M3 x 1 (L-R x 1)	
	AUDIO 2 IN	M3 x 1 (L-R x 1)	
	AUDIO OUT	M3 x 1 (L-R x 1)	
	LAN	RJ-45 x 1 (for network connection, 100BASE-TX/10BASE-T, compliant with PLink™ (class 1))	
Built-in speaker		7 cm x 4 cm Oval x 1 output power 8 W (Monaural)	
Dimensions (W × H × D)		288 x 99.8*4 x 220 mm (11-11/32" x 3-15/16" x 8-21/32")	
Weight		Approx. 2.5 kg (5.5 lbs)*5	
Noise level		34 dB (Lamp power: Normal); 29 dB (Lamp power: Eco)	37 dB (Lamp power: Normal); 29 dB (Lamp power: Eco1/Eco2)
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 [LAN (Standby)] / [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-LW271U/PT-LX351U. *7 Power cord (x2) for the PT-LW271EA/PT-LX351EA. *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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