

LCD Projector

Preliminary as of May 2026

PT-LAX45 Series

Available from CY2026 Q3

Note: Product availability varies by country or region



Portable LCD Projectors Deliver Efficient, Long-Life High-Contrast Projection for Offices & Classrooms

■ Main Features

01 | Low-Maintenance Design for Long-Term Use

A long-life light source of up to 20,000 hours¹ enables stable, long-term operation. Reduced lamp replacement and maintenance help lower operational workload and total cost of ownership.

02 | Flexible Installation with Stable Image Adjustment

Equipped with a 1.2x zoom lens and both vertical & horizontal keystone correction, offers flexible installation. It allows precise adjustments to achieve stable projection across a wide range of environments.

03 | Flexible Connectivity for System Integration

A variety of interfaces enables seamless integration into meeting room and educational systems. Supports efficient operation through device connectivity and remote control.

	PT-LAX35	PT-LAX40	PT-LAX45	PT-LAW44
Light Output ^{2,3}	3,300lm	3,800lm	4,600lm	4,300lm
Resolution	XGA (1024 x 768)			WXGA (1280 x 800)



¹ When used in an environment with dust conditions of 0.15mg/m³ or less and the operating mode set to [ECO].

² Measurement, measuring conditions, and method of notation all comply with ISO21118:2020 international standards.

³ [Picture mode] set to [Dynamic], [Light Power] set to [Normal]. Availability may vary by country or region.

Long-life Lamp and Filter Minimize Maintenance

Breakthrough materials design paves the way for a new 20,000 - hour¹ lamp. Together with a long-life filter, the PT-LAX45 Series requires almost no maintenance.

Supports wide range of input types

A wide range of interfaces, including HDMI, VGA input, LAN, RS-232C, supports integration into various AV and control systems.

¹ Lamp life is approximately 20,000 hours in Eco Mode and approximately 10,000 hours in Normal/Quiet Mode. Replacement timing varies depending on operating environment and usage conditions.

Optical zoom lens

Flexible 1.2x optical zoom supports wider installation distances and easy setup.

V/H Keystone Correction

Vertical/Horizontal keystone correction ($\pm 30^\circ$) helps square the image for quick, flexible setup

Other Features

- Light-weight and portable 3.1kg
- Easy lamp and filter replacement with top and side access
- USB memory viewer allows PC-less projection and presentation

Specifications

Model	PT-LAX35	PT-LAX40	PT-LAX45	PT-LAW44
Projector type	LCD Projectors			
LCD panel	Panel size	16.0 mm (0.63 in) diagonal (4:3 aspect ratio)		16.0 mm (0.64 in) diagonal (16:10 aspect ratio)
	Pixels	786,432 (1024 x 768) x 3, total of 2,359,296 pixels		1,024,000 (1280 x 800) x 3, total of 3,072,000 pixels
Display method	Transparent LCD panel (x 3, R/G/B)			
Lamp	240 W x 1 lamp			
Lamp replacement cycle ¹	Normal: 10,000 h/Eco: 20,000 h			
Light output ² (Lamp power: Normal)	3,300 lm	3,800 lm	4,600 lm	4,300 lm
Filter replacement cycle ³	Normal: 5,000 h/Eco: 10,000 h			
Resolution	1024 x 768 pixels (Input signals that exceed this resolution will be converted to 1024 x 768 pixels)			1280 x 800 pixels (Input signals that exceed this resolution will be converted to 1280 x 800 pixels)
Contrast ²	15,000:1 (Iris: On)			
Screen size (diagonal)	0.76 – 7.62 m (30–300 in), 4:3 aspect ratio			0.76 – 7.62 m (30–300 in), 16:10 aspect ratio
Center-to-corner uniformity ²	80 %			
Lens	Manual zoom (1.2x), manual focus lens, F = 1.6 – 1.76, f = 19.1 – 23.0 mm			
Throw ratio	1.46 - 1.76:1			1.35 - 1.63:1
Keystone correction range	Vertical $\pm 30^\circ$ (Manual), Horizontal $\pm 30^\circ$ (Manual)			
Installation	Ceiling/floor, front/rear			
Terminals	HDMI IN	HDMI 19P x 1, HDCP compatible, Deep Color compatible, Audio Signal: Linear PCM (Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)		
	COMPUTER 1 IN	D-sub HD 15 - pin (female) x 1 [RGB]		
	AUDIO IN 1	M3 (L,R) x 1		
	AUDIO OUT	M3 (L,R) x 1 (Variable)		
	LAN	RJ - 45 x 1 for network connection, 10Base-T/100Base-TX, PLink™ (Class 1) compatible		
	SERIAL IN	D - sub 9P (female) x 1 for external control (RS - 232C compatible)		
USB A	USB Type - A [DC 5 V, MAX. 1A]			
Power supply	AC 100 - 240 V, 50 Hz/60 Hz			
Power consumption	335 W / 235W (ECO)			
Built-in speaker	5 W monaural			
Cabinet materials	Molded plastic (PC)			
Operation noise ²	Normal: 38 dB, Eco: 35 dB		Normal: 39 dB, Eco: 35 dB	
Dimensions (W x H x D)	345 mm x 99 mm (with legs at shortest position) x 261 mm (13 9/16" x 3 7/8" x 10 1/4")			
Weight ⁴	Approx. 3.1 kg (6.8 lbs)			
Operating environment	Operating temperature: Normal use: 5 – 40 °C (41–104 °F) [at altitudes less than 1,400 m (4,593 ft)], 5 – 35 °C (41 – 95 °F) [at altitudes of 1,400 – 2,700 m (4,593 – 8,858 ft)] Operating humidity: 20 – 80 % (No condensation)			
Supplied accessories	Wireless remote control unit x 1, power cord x 1 (number and size of cords depends on region), instruction manual (basic guide), batteries for remote control (R03/LR03/AAA type x 2)			

¹ Lamp replacement cycle stated is maximum value, at which time brightness will have decreased to 50%. Usage environment affects lamp replacement cycle.

² Measurement, measuring conditions, and method of notation all comply with ISO21118:2020 international standards.

³ Filter cleaning cycle varies depending on environment. Filter can be washed and reused up to two times.

⁴ Average value. May differ depending on the actual unit.

Optional Accessories

- Replacement Lamp Unit ET-LAL520
- Replacement Filter Unit ET-RFL320

Note: Filter Cover not included.

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All information included here is valid as of May 2026.

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