

LCD Projector

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. Supports direct 4K input signals², simplifying system design and lowering installation costs.

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



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

² HDMI only. Supports 4K/24p, 25p, 30p, 50p, and 60p input with Enhanced EDID mode enabled. 4K signals are downscaled to the projector's native resolution for display.

³ Measurement, measuring conditions, and method of notation all comply with ISO21118:2020 international standards.

⁴ [Picture mode] set to [Dynamic], [Light Power] set to [Normal].

⁵ Requires the Wireless Module (sold separately).

⁶ Supports signals up to 3840x2160/60p. Input signals are converted to the projector's resolution.

Long-life Lamp and Filter Minimize Maintenance

Advanced 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.

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
- Supports optional module for wireless presentation²

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.

² Optional wireless modules are subject to regional availability. When using the wireless presentation app, display resolution differs depending on the connected device.

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)		0.76–7.6 m (30–299 in), 4:3 aspect ratio			0.76–7.6 m (30–299 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 ±30° (Manual), Horizontal ±30° (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 (male) x 1 for external control (RS-232C compatible)				
USB A		USB Type-A (For Memory Viewer/Optional Wireless Module ³) [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		HDMI cable x 1, wireless remote control unit x 1, power cord x 1 (number and size of cords depends on region), quick start 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.

⁵ When using the wireless presentation app, display resolution differs depending on the connected device.

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All information included here is valid as of July 2026.

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