



LCD Portables Propose an Efficient Long-Life Solution for High-Contrast Projection in Offices and Classrooms

■ Main Features

01 | High-Visibility Images in Artificial Light

With contrast up by 25 %^{*1} and brightness up to 4,100 lm^{*2}, the PT-LB426 Series pays down on your investment with dynamic high-visibility images even with the room lights on, all from a compact 2.9 kg^{*3} body.

02 | Low Maintenance and Long Life

Low-degradation 20,000-hour^{*4} lamp and 10,000-hour^{*5} filter slash your maintenance overheads in comparison to other lamp-based projectors, while Early Warning^{*6} software reduces downtime for stress-free reliability.

03 | Flexible Installation, Easy Operation

Handy 1.2x zoom and V/H Keystone Correction^{*7} (H: $\pm 35^\circ$, V: $\pm 35^\circ$) offer wide adjustment freedom while dual HDMI[®]^{*8} inputs and USB DC outlet^{*9} for streaming devices^{*10} or optional Panasonic modules^{*11} facilitate wireless collaboration.



* Requires optional ET-WML100/AJ-WM50 series wireless modules
** Excluding PT-LB306



PT-LB426 Series

	PT-LW376	PT-LW336	PT-LB426	PT-LB386	PT-LB356	PT-LB306
Light Output	3,600 lm	3,100 lm	4,100 lm	3,800 lm	3,300 lm	3,100 lm
Resolution	WXGA		XGA			

*1 PT-LB426 Series has 20,000:1 contrast, approximately 25 % higher than Panasonic PT-LB425 Series LCD projectors. *2 For the PT-LB426 only, Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped. *3 PT-LB306 weighs 2.8 kg. *4 Lamp life is approximately 20,000 hours in Eco Mode and approximately 10,000 hours in Normal/Quiet Mode. Lamp replacement timing varies depending on operating environment and usage conditions. *5 In Quiet Mode only. Replacement timing varies depending on operating environment and usage conditions. *6 Early Warning Functions (ET-SWA100/105) are included free with Multi Monitoring & Control Software Ver. 2.0 and later (compatible with network models only), but require a paid license key and activation at the PASS website to continue usage after a 90-day trial period has expired. Visit panasonic.net/cns/projector/products/mms for more information. *7 Excluding the PT-LB306, which has Vertical Keystone Correction of $\pm 30^\circ$. *8 Excluding the PT-LB306, which has 1 x HDMI[®] input. *9 Excluding the PT-LB306, which has a USB terminal for service only. *10 Requires a compatible network streaming module and control app/web browser for mobile or PC. Panasonic cannot guarantee compatibility with third-party devices. *11 ET-WML100/AJ-WM50 series wireless modules are subject to regional availability. When using the Wireless Projector app, display resolution differs depending on your iOS/Android device and the display device. The maximum supported display resolution is WXGA (1280 x 800).

Easy-to-See Images Under Lights

With robust brightness of 3,100 lm to 4,100 lm^{*1} and 20,000:1 contrast for dynamic picture quality, you can serve your audience bright, sharp video, graphics, and text documents that are clearly visible with the room lights on.

Long-life Lamp and Filter Minimize Maintenance

Breakthrough materials design paves the way for a new 20,000-hour^{*2} lamp. Together with a long-life filter, the PT-LB426 Series requires almost no maintenance. Reduce spare-part inventories and callouts, particularly with Early Warning^{*3} functions to flag potential problems before they occur.

^{*1} PT-LB426 (4,100 lm), PT-LB396 (3,800 lm), PT-LW376 (3,600 lm), PT-LB356 (3,300 lm), PT-LW336/LB306 (3,100 lm). ^{*2} Lamp life is approximately 20,000 hours in Eco Mode and approximately 10,000 hours in Normal/Quiet Mode. Lamp replacement timing varies depending on operating environment and usage conditions. ^{*3} Early Warning Functions (ET-SWA100/105) are included free with Multi Monitoring & Control Software Ver. 2.0 and later (compatible with network models only), but require a paid license key and activation at the PASS website to continue usage after a 90-day trial period has expired. Visit panasonic.net/cns/projector/products/mms for more information. ^{*4} Excluding the PT-LB306, which has 1 x HDMI[®] input. ^{*5} Excluding the PT-LB306, which has a USB terminal for service only. ^{*6} Requires a compatible media streaming module and control app/web browser for mobile or PC. Panasonic cannot guarantee compatibility with third-party devices. ^{*7} ET-WML100/AJ-WM50 series wireless modules are subject to regional availability. ^{*8} Requires Wireless Projector app for iOS or Android[™] or Presenter Light (for Windows[®] PC). ^{*9} 38 dB in NORMAL Mode, 35 dB in Eco Mode. ^{*10} PT-LB306 has a 2 W speaker. ^{*11} Excluding the PT-LB306.

Specifications

Model	PT-LW376		PT-LW336	PT-LB426	PT-LB386	PT-LB356	PT-LB306
Projector type	LCD projector						
LCD panel	Panel size	15.0 mm (0.59 in) diagonal (16:10 aspect ratio)			16.0 mm (0.63 in) diagonal (4:3 aspect ratio)		
	Number of pixels	1,024,000 (1280 x 800 pixels) x 3			786,432 (1024 x 768 pixels) x 3		
Light source	230 W x 1 lamp						
Light output* ¹	3,600 lm		3,100 lm	4,100 lm	3,800 lm	3,300 lm	3,100 lm
Lamp replacement cycle* ²	Normal: 10,000 h/Eco: 20,000 h/Quiet: 10,000 h						
Filter replacement cycle	Normal: 5,000 h/Eco: 6,000 h/Quiet: 10,000 h						
Resolution	1280 x 800 pixels			1024 x 768 pixels			
Contrast ratio* ¹	20,000:1 (All white/all black, Iris: On, Image mode: Dynamic, Daylight View: Off, Lamp control: Normal)						
Screen size [diagonal]	0.76–7.62 m (30–300 in), 16:10 aspect ratio			0.76–7.62 m (30–300 in), 4:3 aspect ratio			
Center-to-corner zone ratio* ¹	85 %						
Lens	Manual zoom (1.2x), manual focus lens, F = 1.6–1.76, f = 19.16–23.02 mm, throw ratio: 1.48–1.78:1		Manual zoom (1.2x), manual focus lens, F = 2.1–2.25, f = 19.11–22.94 mm, throw ratio: 1.47–1.77:1	Manual zoom (1.2x), manual focus lens, F = 1.6–1.76, f = 19.16–23.02 mm, throw ratio: 1.48–1.78:1			Manual zoom (1.2x), manual focus lens, F = 2.1–2.25, f = 19.11–22.94 mm, throw ratio: 1.47–1.77:1
Keystone correction range	Vertical: ±35 ° (Auto, Manual), Horizontal: ±35 ° (Manual)						Vertical: ±30 ° (Auto, Manual)
Installation	Ceiling/desk, front/rear						
Terminals	HDMI® IN	HDMI 19-pin x 2 (Compatible with HDCP 1.4, Deep Color), Audio signal: Linear PCM (Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)					HDMI 19-pin x 1 (Compatible with HDCP 1.4, Deep Color), 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/S-Video/YPb(Cb)/Pr(Cr)]					
	COMPUTER 2 IN/1 OUT	D-sub HD 15-pin (female) x 1 [RGB] (Input/output switching)					D-sub HD 15-pin (female) x 1 [RGB] (RGB OUT only)
	VIDEO IN	Pin jack x 1					
	AUDIO IN 1	M3 (L,R) x 1					
	AUDIO IN 2	Pin jack x 2 (L,R)					
	AUDIO OUT	M3 (L,R) x 1 (Variable)					
	LAN	RJ-45 x 1 for network connection, 10Base-T/100Base-TX, PjLink™ (Class 1) compatible					—
	SERIAL IN	D-sub 9-pin (female) x 1 for external control (RS-232C compatible)					
	USB A	USB Type-A (for Memory Viewer/Wireless Module [Output 5 V/2 A])					—
	USB B						For service only
	Power supply	AC 100–240 V, 50/60 Hz					
Power consumption	300 W						
Built-in speaker	10 W monaural					2 W monaural	
Operation noise* ¹	Normal: 38 dB, Eco: 35 dB, Quiet: 30 dB						
Dimensions (W x H x D)	335 x 96 ³ x 252 mm (13 3/16 ³ x 3 25/32 ³ x 9 29/32 ³)						
Weight* ⁴	Approx. 2.9 kg (6.4 lbs)					Approx. 2.8 kg (6.2 lbs)	
Operating environment	Operating temperature* ⁵ : 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)						
Applicable software	Multi Monitoring & Control Software, Early Warning Software, Logo Transfer Software, Presenter Light Software (for Windows®)* ⁶ , Wireless Projector for iOS/Android™* ⁷						—

^{*1} Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped. ^{*2} Lamp replacement cycle stated is maximum value, at which time brightness will have decreased to 50 %. Usage environment affects lamp replacement cycle. ^{*3} With legs at shortest position. ^{*4} Average value. May differ depending on the actual unit. ^{*5} When the projector is operated at an elevation of 1,400 m (4,593 ft) or less, if the ambient temperature exceeds 35 °C (95 °F), [Lamp Control] will be switched to [Eco] automatically to protect the projector. When the projector is operated at an elevation between 1,400 m (4,593 ft) and 2,700 m (8,858 ft), if the ambient temperature exceeds 30 °C (86 °F), [Lamp Control] will be switched to [Eco] automatically to protect the projector. ^{*6} When using Presenter Light Software, images are projected with 1280 x 800 dots or 1024 x 768 dots onto the screen. Also, your PC display resolution may be forcibly changed, and audio playback disrupted or become noisy, while images and sound are being transmitted. ^{*7} When using the Wireless Projector app, display resolution differs depending on your iOS/Android device and the display device. The maximum supported display resolution is WXGA (1280 x 800).

Optional Accessories

• Ceiling Mount Bracket

ET-PKL100H[®] (for high ceiling)/ET-PKL100S[®] (for low ceiling)

^{*} ET-PKL100H/ET-PKL100S are used in combination with the ET-PKL420B (sold separately).

• Projector Mount Bracket

ET-PKL420B

• Replacement Filter Unit

ET-RFL300

Note: Filter cover not included.

• Replacement Lamp Unit

ET-LAL510

• Wireless Module

ET-WML100/AJ-WM50 series^{*}

^{*} Product availability may vary by country or region.

• D-sub/S-VIDEO Conversion Cable

ET-ADSV

• Early Warning Software

ET-SWA100/105

Note: Excluding the PT-LB306. Part number suffix may differ depending on the license type. Multi Monitoring & Control Software Ver. 2.0 or later is required. Please download from the following website:
<https://panasonic.net/cns/projector/download/application/>

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Projector Global Website – panasonic.net/cns/projector

Facebook – www.facebook.com/panasonicprojectoranddisplay

YouTube – www.youtube.com/user/PanasonicProjector

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