Panasonic
BUSINESS

PT-LB426 Series
LCD Projectors

PT-**LW376**/PT-**LW336**
PT-**LB426**/PT-**LB386**
PT-**LB356**/PT-**LB306***

* Availability may vary by country or region.

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

■ Main Features

* Requires optional ET-WML100 (stock limited)/AJ-WM50 series wireless modules. ET-WML100 Series and AJ-WM50 Series devices are both compatible with supported projectors in this series, and either can be used to enable the wireless network function.
** Excluding the PT-LB306.

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: ±35 °, V: ±35 °) 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.

PT-LB426 Series

	PT-LW376	PT-LW336	PT-LB426	PT-LB386	PT-LB356	PT-LB306[12]
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. Replacement timing varies depending on operating environment and usage conditions. *5 Filter life is approximately 10,000 hours in Quiet Mode, approximately 6,000 hours in Eco Mode, and approximately 5,000 hours in Normal Mode. Replacement timing varies depending on operating environment and usage conditions. *6 Excluding the PT-LB306. Early Warning Functions (ET-SWA100 Series) 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/mmcs for more information. *7 Excluding the PT-LB306, which has Vertical Keystone Correction of ±30 °. *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 Excluding the PT-LB306. Requires a compatible network streaming module and control app/web browser for mobile or PC. Panasonic cannot guarantee compatibility with third-party devices. *11 Excluding the PT-LB306. ET-WML100 (stock limited)/AJ-WM50 series wireless modules are subject to regional availability. ET-WML100 Series and AJ-WM50 Series devices are both compatible with supported projectors in this series, and either can be used to enable the wireless network function. 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). *12 Availability may vary by country or region.

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.

Two HDMI® Inputs and USB DC Outlet

Switch content, not cables with convenient HDMI inputs[*4] to connect two laptops (or other AV components) at the same time. USB DC outlet[*5] powers streaming devices[*6], reducing cable clutter, or connect optional ET-WML100/AJ-WM50 series wireless modules[*7] to mirror media on the big screen[*8].

Smooth and Quiet Operation

Despite its high brightness and compact size, the PT-LB426 Series operates at just 30 dB[*9] in Quiet Mode. Students, colleagues, or work clients can focus on your presentation without distraction.

■ Other Features

- **Daylight View Lite** optimizes images to suit ambient lighting
- **Built-in 10 W mono speaker**[*10], mic input, and variable audio output
- **Easy on-ceiling lamp and filter access** via side- and top-panel doors
- **Curved Screen Correction**[*11] corrects image distortion on curved surfaces
- **Custom start-up logo** and **security bar** theft-deterrence
- Supports **PJ Link™ (Class 2)** control solution[*11]
- **Blackboard Mode** corrects colors for projection on colored screens

*1 PT-LB426 (4,100 lm), PT-LB386 (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. Replacement timing varies depending on operating environment and usage conditions. *3 Excluding the PT-LB306. Early Warning Functions (ET-SWA100 Series) 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/mmcs for more information. *4 Excluding the PT-LB306, which is 1 x HDMI® input. *5 Excluding the PT-LB306, which has a USB terminal for service only. *6 Excluding the PT-LB306. Requires a compatible media streaming module and control app/web browser for mobile or PC. Panasonic cannot guarantee compatibility with third-party devices. *7 Excluding the PT-LB306. ET-WML100 (stock limited)/AJ-WM50 series wireless modules are subject to regional availability. ET-WML100 Series and AJ-WM50 Series devices are both compatible with supported projectors in this series, and either can be used to enable the wireless network function. *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[*1]
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[*2]		3,600 lm	3,100 lm	4,100 lm	3,800 lm	3,300 lm	3,100 lm
Lamp replacement cycle[*3]		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[*2]		20,000:1 (All white/all black, Iris: On, Image mode: Dynamic, Auto Power Save: Off, 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[*2]		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 1 IN/HDMI 2 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 IN	—					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/YPʙPʀ/YC]					
	COMPUTER 2 IN/1 OUT	D-sub HD 15-pin (female) x 1 [RGB/YPʙPʀ] (Input/output switching)					—
	MONITOR OUT	—					D-sub HD 15-pin (female) x 1 [RGB/YPʙPʀ]
	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 2) 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 [ET-WML100/AJ-WM50 series[*4])/Power supply [DC 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[*2]		Normal: 38 dB, Eco: 35 dB, Quiet: 30 dB					
Dimensions (W x H x D)		335 x 96[*5] x 252 mm (13 3/16˝ x 3 25/32˝[*5] x 9 29/32˝)					
Weight[*6]		Approx. 2.9 kg (6.4 lbs)					Approx. 2.8 kg (6.2 lbs)
Operating environment		Operating temperature[*7]: 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®)[*8], Wireless Projector for iOS/Android™[*9]					—

*1 Availability may vary by country or region. *2 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 Lamp replacement cycle stated is maximum value, at which time brightness will have decreased to 50 %. Usage environment affects lamp replacement cycle. *4 ET-WML100 Series and AJ-WM50 Series devices are both compatible with supported projectors in this series, and either can be used to enable the wireless network function. *5 With legs at shortest position. *6 Average value. May differ depending on the actual unit. *7 When [LAMP POWER] is set to [NORMAL] and 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 POWER] will be switched to [ECO] automatically to protect the projector. When [LAMP POWER] is set to [NORMAL] and 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 POWER] will be switched to [ECO] automatically to protect the projector. *8 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. *9 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 is 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** (Excluding the PT-LB306)
  ET-WML100 (stock limited)/AJ-WM50 series*
  * Product availability may vary by country or region. ET-WML100 Series and AJ-WM50 Series devices are both compatible with supported projectors in this series, and either can be used to enable the wireless network function.
- **D-sub/S-VIDEO Conversion Cable**
  ET-ADSV

- **Early Warning Software** (Excluding the PT-LB306)
  ET-SWA100 Series
  Note: 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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