

LCD Projectors

PT-VMQ85 Series

Preliminary as of February 2026

AVAILABLE FROM CY2026 Q2

Note: Release date and product availability may vary by country or region.

Smooth and Detailed 4K¹ Images from the Smallest, Lightest LCD Projector in Its Class²



White Models



Black Models

• Making Immersive 4K¹ Visuals More Accessible

Panasonic's first 4K¹ LCD projector delivers immersive detail from a sub-8 kg body—the smallest and lightest in its class². Proprietary 2-axis pixel-shifting technology and high 8,000 lm³ brightness ensure clear, dimensional 4K¹ visuals even in bright rooms. Precise detail reproduction suits diverse applications—from corporate and education spaces to experiential attractions such as museums—while Vivid Green Mode enhances natural greens for golf simulation.

• Easy to Handle with Flexible Installation

A compact, lightweight design and convenient adjustment tools simplify transport, installation, and image alignment. The 1.6x optical zoom and wide-range lens shift provide flexibility to fit various installation spaces, while Angle Monitor streamlines single-person installation. With 4K DIGITAL LINK⁴ and two CEC command-compatible⁵ HDMI™ inputs, the series integrates into existing systems and supports widescreen (21:9/27:9) formats⁶ for modern visual applications.

• Efficient, Eco-Conscious Design

Advanced optical engineering delivers high-brightness 4K¹ performance with outstanding energy efficiency of up to approximately 20 lm/W⁷. An Image Detection⁸ function automatically reduces light output when the projected image remains unchanged for a set period, saving power. The projector's plastic body parts incorporate approximately 50%⁹ recycled resin, while recyclable paper trays replace foam insulation in the shipping carton, further reducing environmental impact.

PT-VMQ85 Series			
	PT-VMQ85	PT-VMQ75	PT-VMQ65
Light Output	8,000 lm ³ / 8,000 lm (ANSI) ¹⁰ / 8,400 lm (Center) ¹¹	7,300 lm ³ / 7,300 lm (ANSI) ¹⁰ / 7,600 lm (Center) ¹¹	6,500 lm ³ / 6,500 lm (ANSI) ¹⁰ / 6,800 lm (Center) ¹¹
Resolution	4K (3840 x 2400 pixels) ¹		



¹ Displayed resolution (3840 x 2400 pixels) with 2-axis pixel-shifting technology [ON]. ² As of January 2026, according to our research, the PT-VMQ85 is the smallest and lightest 4K LCD projector with more than 8,000 lm, and the PT-VMQ75 is the smallest and lightest among those with more than 7,300 lm. ³ Measured when [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL]. Measurement, measuring conditions, and notation method comply with ISO/IEC 21118: 2020 international standards. Value is the average of all products when shipped. ⁴ YPbPr 4:2:0 format only for 4K/60p signals input via DIGITAL LINK. ⁵ Depending on the connected CEC command-compatible device, the link control may not operate normally. ⁶ Resolution may be reduced when projecting widescreen content at its native aspect ratio. ⁷ For the PT-VMQ75 (light output: 7,300 lm, max. power consumption: 360 W). Values are preliminary. ⁸ Settings cannot be made when [DYNAMIC CONTRAST] is set to anything other than [OFF], [ECO MANAGEMENT] → [AUTO POWER SAVE] is set to [OFF], [ECO MANAGEMENT] → [LIGHT POWER] is set to anything other than [NORMAL], a [TEST PATTERN] is displayed, or there is no signal. Image Detection function is supported when the input signal is transmitted via HDMI™ or COMPUTER IN terminals. ⁹ By total weight of plastic parts in the projector main unit. Excludes projection lenses, printed circuit boards, labels, cables, connectors, electronic components, optical components, ESD components, EMI components, adhesives, and coatings. ¹⁰ Measured when [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL]. Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped. ¹¹ Average light-output value of all shipped products measured at the center of the screen in NORMAL Mode. ¹² Requires the AJ-WM50 Series Wireless Module (sold separately). Availability may vary by country or region.

Specifications (Tentative)

Model	PT-VMQ85	PT-VMQ75	PT-VMQ65	
Projector type	LCD projectors			
LCD panel	Panel size	0.64 inch (16:10 aspect ratio)		
	Display method	Transparent LCD panel (x 3, R/G/B)		
	Pixels	2,304,000 (1920 x 1200) pixels x 3		
Light source	Laser diodes			
Light output ¹	8,000 lm ² / 8,000 lm (ANSI) ³ / 8,400 lm (Center) ⁴	7,300 lm ² / 7,300 lm (ANSI) ³ / 7,600 lm (Center) ⁴	6,500 lm ² / 6,500 lm (ANSI) ³ / 6,800 lm (Center) ⁴	
Time until light output declines to 50 % ⁵	20,000 hours (NORMAL/QUIET), 24,000 hours (ECO)			
Resolution	4K (3840 x 2400 pixels) ⁶			
Contrast ratio ²	5,000,000:1 (Full On/Full Off) (When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1].)			
Screen size (diagonal)	0.76–7.62 m (30–300 in), 16:10 aspect ratio			
Center-to-corner zone ratio ²	85 %			
Lens	1.6x manual zoom (throw ratio: 1.09–1.77:1), manual focus lens, F=1.58–1.91, f=15.30–24.60 mm			
Digital Zoom Extender ⁷	Throw Ratio 1.09–2.21:1 ⁸ (Corresponding value. When used together with optical zoom.)			
Lens shift (From the origin point of the lens mounter)	Vertical	+44 %		
	Horizontal	±20 %		
Keystone correction range	Vertical ±25°, Horizontal ±35°			
Installation	Ceiling/floor, front/rear, free 360-degree installation			
Terminals	HDMI™ 1/2 IN	HDMI™ 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/60p signal input), CEC supported ⁹		
	HDMI™ OUT	HDMI™ 19-pin x 1 (Compatible with HDCP, Deep Color, 4K/60p signal output)		
	AUDIO IN	M3 stereo mini-jack x 1		
	AUDIO OUT	M3 stereo mini-jack x 1		
	SERIAL IN	D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)		
	DIGITAL LINK/LAN	RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseT™ compliant), 100Base-TX (Compatible with PjLink™ [Class 2], HDCP, Deep Color, 4K/60p ¹⁰ signal input)		
	LAN	RJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PjLink™ [Class 2]		
	USB (VIEWER/WIRELESS/DC OUT)	USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless Module, power supply (DC 5 V, maximum 2 A ¹¹)		
Protocol versions	IPv4, IPv6 ¹²			
Power supply	Single-phase AC 100–240 V, 50/60 Hz			
Maximum power consumption ¹³	415 W (4.4–1.8 A) (420 VA) (Power consumption is 400 W at 200–240 V) (TBD)	360 W (3.8–1.6 A) (365 VA) (Power consumption is 350 W at 200–240 V) (TBD)	335 W (3.4–1.5 A) (340 VA) (Power consumption is 320 W at 200–240 V) (TBD)	
On-mode power consumption (Operating mode) ^{13, 14}	[NORMAL]	380 W (100–240 V), 365 W (200–240 V) (TBD)	325 W (100–240 V), 310 W (200–240 V) (TBD)	290 W (100–240 V), 280 W (200–240 V) (TBD)
	[ECO]	275 W (100–240 V), 265 W (200–240 V) (TBD)	250 W (100–240 V), 240 W (200–240 V) (TBD)	225 W (100–240 V), 215 W (200–240 V) (TBD)
	[QUIET 1]	320 W (100–240 V), 310 W (200–240 V) (TBD)	285 W (100–240 V), 275 W (200–240 V) (TBD)	255 W (100–240 V), 245 W (200–240 V) (TBD)
	[QUIET 2]	270 W (100–240 V), 260 W (200–240 V) (TBD)	245 W (100–240 V), 235 W (200–240 V) (TBD)	220 W (100–240 V), 210 W (200–240 V) (TBD)
Cabinet materials	Molded plastic			
Filter ¹⁵	Included (Estimated maintenance time: approx. 20,000 hours)			
Operation noise ²	39 dB (NORMAL/ECO), 34 dB (QUIET 1), 29 dB (QUIET 2) (TBD)	37 dB (NORMAL/ECO), 32 dB (QUIET 1), 27 dB (QUIET 2) (TBD)	35 dB (NORMAL/ECO), 30 dB (QUIET 1), 25 dB (QUIET 2) (TBD)	
Dimensions (W x H x D)	399 x 115 x 348 mm (15 23/32" x 4 17/32" x 13 11/16") (Excluding protruding parts) (TBD) 399 x 133 x 348 mm (15 23/32" x 5 1/4" x 13 11/16") (With legs at shortest position) (TBD)			
Weight ¹⁶	Approx. 7.6 kg (16.7 lbs) (TBD)	Approx. 7.2 kg (15.8 lbs) (TBD)	Approx. 7.1 kg (15.6 lbs) (TBD)	
Operating environment	Operating temperature: 0–45 °C (32–113 °F) ^{17, 18} , Operating humidity: 20–80 % (No condensation)			
Applicable software	Multi Monitoring & Control Software, Presenter Light Software for Windows ¹⁹ , Wireless Projector App for iOS/Android ²⁰			

¹ When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL]. 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 Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped. ⁴ Average light-output value of all shipped products measured at the center of screen in NORMAL Mode. ⁵ Around this time, light output will have decreased to approximately 50 % of its original level ([PICTURE MODE]: [DYNAMIC], [DYNAMIC CONTRAST] set to [2]). Estimated time until light output declines to 50 % varies depending on environment. ⁶ Displayed resolution (3840 x 2400 pixels) with 2-axis pixel-shifting technology [ON]. ⁷ Resolution decreases when using Digital Zoom Extender. Grid Adjustment, 6-Point Screen Correction, V/H Keystone Correction, and curved-screen correction are not available when using this function. The range of corner adjustment is limited. ⁸ When Digital Zoom Extender is set to 80 %. ⁹ Depending on the connected CEC command compatible device, the link control may not operate normally. ¹⁰ YPrPb 4:2:0 format only for 4K/60p signals input via DIGITAL LINK. ¹¹ On standby, power supply is available with Quick Startup set to ON or Power Management set to Ready. ¹² The optional AJ-WM50 Series Wireless Module does not support IPv6. ¹³ Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. ¹⁴ On-mode power consumption measured at 25 °C (77 °F) operating temperature at an altitude of 700 m (2,297 ft). ¹⁵ Filter cleaning cycle varies depending on the environment. The filter can be washed and reused up to two times. Filter cleaning cycle: 20,000 hours (under dust conditions of 0.08 mg/m³), 10,000 hours (under dust conditions of 0.15 mg/m³). ¹⁶ Average value. May differ depending on the actual unit. ¹⁷ Light output is limited at operating temperatures higher than 30 °C (86 °F), and projectors cannot be operated at altitudes higher than 2,700 m (8,858 ft) above sea level. ¹⁸ When the optional AJ-WM50 Series Wireless Module is attached, the operating temperature range becomes 0–40 °C (32–104 °F). ¹⁹ 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. ²⁰ 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 ceilings) / ET-PKL100S (for low ceilings)
 Note: ET-PKL100H/PKL100S used in combination with ET-PKV400B (sold separately).
- Projector Mount Bracket**
 ET-PKV400B
- Replacement Filter Unit**
 ET-RFV500
- ET-FMP50 Series Media Processors**
 ET-FMP50 / ET-FMP20
 Note: Product availability may vary by country or region. Visit <https://docs.connect.panasonic.com/projector/products/fmp50> for more information.
- Wireless Module**
 AJ-WM50 Series
 Note: Product availability may vary by country or region. The suffix at the end of the model number is omitted. Operating temperature: 0–40 °C (32–104 °F).
- Wireless Presentation System PressIT**
 TY-WPS2 (basic set)
 Note: Product availability may vary by country or region. Visit <https://docs.connect.panasonic.com/prodisplays/products/ty-wps2/> for more information.



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All information included here is valid as of February 2026.

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