Panasonic

MEViX

LCD Projectors

PT-VMQ85 Series

AVAILABLE FROM CY2026 Q2

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

Smooth and Detailed 4K[1] Images from the Smallest, Lightest LCD Projector in Its Class[2]

White Models

Black Models

• *Making Immersive 4K[1] Visuals More Accessible*

Panasonic's first 4K[1] LCD projector delivers immersive detail from a sub-8 kg body—the smallest and lightest in its class[2]. Proprietary 2-axis pixel-shifting technology and high 8,000 lm[3] brightness ensure clear, dimensional 4K[1] 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 LINK[4] and two CEC command-compatible[5] HDMI™ inputs, the series integrates into existing systems and supports widescreen (21:9/27:9) formats[6] for modern visual applications.

• *Efficient, Eco-Conscious Design*

Advanced optical engineering delivers high-brightness 4K[1] performance with outstanding energy efficiency of up to approximately 20 lm/W[7]. An Image Detection[8] 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]		

SOLID SHINE LASER · 4K PROFESSIONAL [1] · 4K DIGITAL LINK [4] · 360° · WIRELESS [12]

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 × 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 × 115 × 348 mm (15 $\frac{23}{32}$″ x 4 $\frac{17}{32}$″ x 13 $\frac{11}{16}$″) (Excluding protruding parts) (TBD) 399 × 133 × 348 mm (15 $\frac{23}{32}$″ x 5 $\frac{1}{4}$″ x 13 $\frac{11}{16}$″) (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 YP$_B$P$_R$ 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.