

# The World's Smallest and Lightest\*<sup>1</sup> 6,000-lm LCD Laser Projector



Excluding PT-VMZ40



Supports signals up to 4K/30p



Requires Optional USB Wireless Module

PT-VMZ60 Series					
	PT-VMZ60	PT-VMZ50	PT-VMZ40	PT-VMW60	PT-VMW50
Light Output	6,000 lm	5,000 lm	4,500 lm	6,000 lm	5,000 lm
Resolution	WUXGA			WXGA	

- **Bright and Compact**

6,000 lm at WUXGA from a compact, stylish 7.2 kg (15.87 lbs) body, bringing dynamic images to any space

- **Supreme Efficiency**

SOLID SHINE Laser light-source delivers 20,000 hours\*<sup>2</sup> of consistent brightness and color accuracy

- **Flexible Installation**

1.6x zoom, V/H lens shift, and short 1.09:1 throw-ratio liberates installation flexibility

- **Future-Ready Connections**

Supports 4K signal input\*<sup>3</sup> via HDMI® and DIGITAL LINK\*<sup>4</sup>, and features separate LAN and DIGITAL LINK\*<sup>4</sup> terminals

## Specifications (Tentative)

Model	PT-VMZ60	PT-VMZ50	PT-VMZ40	PT-VMW60	PT-VMW50	
Projector type	LCD Projectors					
LCD panel	Panel size	16 mm (0.64 in) diagonal (16:10 aspect ratio)				
	Display method	Transparent LCD panel (× 3, R/G/B)				
	Drive method	Active matrix method				
	Pixels	2,304,000 (1920 × 1200) × 3, total of 6,912,000 pixels		1,024,000 (1280 × 800) × 3, total of 3,072,000 pixels		
Light source	Laser diodes					
Light output*1	6,000 lm	5,000 lm	4,500 lm	6,000 lm	5,000 lm	
Time until light output declines to 50 %*2	20,000 hours (NORMAL)					
Resolution	1920 × 1200 pixels		1280 × 800 pixels			
Contrast*1	3,000,000:1 (all white/all black) (Input signals: PC, LIGHT POWER: NORMAL, PICTURE MODE: DYNAMIC, DAYLIGHT VIEW: OFF, DYNAMIC CONTRAST: [1], AUTO POWER SAVE: OFF)					
Screen size (diagonal)	0.76–7.62 m (30–300 in), 16:10 aspect ratio					
Center-to-corner uniformity*1	85 %					
Lens	1.6 × Manual zoom (Throw ratio: 1.09–1.77:1) Manual focus lens, F = 1.60–2.12, f = 15.30–24.64 mm					
	Lens shift	Vertical (from center of screen) Horizontal (from center of screen)		+44 %, 0 % (Manual) +20 %, -20 % (Manual)		
Keystone correction range	Vertical: ±25°, Horizontal: ±35°			Vertical, Horizontal: ±35°		
Installation	Horizontal/vertical, free 360-degree installation					
Terminals	HDMI 1/2 IN	HDMI 19-pin × 2 (Compatible with HDCP, Deep Color, 4K/30p signal input)				
	COMPUTER 1 IN	D-sub 15-pin (female) × 1 (RGB/Y/PbPr/YCbCr)				
	COMPUTER 2 IN / MONITOR OUT	D-sub 15-pin (female) × 1 (RGB/Y/PbPr/YCbCr) (Input/output switching)				
	VIDEO IN	Pin jack × 1				
	AUDIO 1/2 IN	M3 stereo mini-jack × 2				
	AUDIO 3 IN	Pin jack (L/R) × 1				
	VARIABLE AUDIO OUT	M3 stereo mini-jack × 1				
	SERIAL IN	D-sub 9-pin × 1 for computer control (RS-232C compliant)				
	LAN	RJ-45 × 1 for network control, 10Base-T, 100Base-TX, compatible with PjLink™ (Class 2)				
	DIGITAL LINK/LAN	RJ-45 × 1 for network and DIGITAL LINK connection, HDBase-T™ compliant, 100Base-TX, compatible with PjLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input		—		RJ-45 × 1 for network and DIGITAL LINK connection, HDBase-T™ compliant, 100Base-TX, compatible with PjLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input
	USB CONNECTOR	USB connector (Type A) × 1 for Memory Viewer function, power supply (DC 5 V, maximum 2 A*), optional Wireless Module AJ-WM50 [TBD]				
Power supply	AC 100 V–240 V, 50/60 Hz					
Power consumption	TBD	370 W	365 W	TBD	360 W	
Built-in speaker	10 W monaural					
Cabinet materials	Molded plastic					
Filter*4	Included (Filter cleaning cycle: 10,000 hours)					
Operation noise*1	TBD	NORMAL: 37 dB, QUIET: 27 dB		TBD	NORMAL: 37 dB, QUIET: 27 dB	
Dimensions (W × H × D)	399 mm × 115 mm × 348 mm (15 23/32" × 4 17/32" × 13 11/16") 399 mm × 133 mm × 348 mm (15 23/32" × 5 1/4" × 13 11/16") (With feet at shortest position)					
Weight*5	Less than 7.2 kg (15.87 lbs)					
Operating environment	Operating temperature: 0–45 °C (32–113 °F) Operating humidity: 20–80 % (No condensation)					
Applicable software	Multi Monitoring & Control Software, Presenter Light for Windows®, Wireless Projector for iOS/Android™, Logo Transfer Software					

\*1 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2012 international standards. Value is average of all products when shipped. \*2 Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast contents, NORMAL Mode, Dynamic Contrast [2], under conditions with 30 °C (86 °F), 700 m (2,297 ft) above sea level, and 0.15 mg/m<sup>3</sup> of particulate matter. Estimated time until light output declines to 50 % varies depending on environment. \*3 On standby, power supply is available with Quick Startup set to ON or Power Management set to Ready. \*4 Usage environment affects filter duration. Filter can be washed twice. \*5 Average value. May differ depending on the actual unit.

## Optional Accessories

- **High-Ceiling Mount Bracket**  
ET-PKL100H
- **Low-Ceiling Mount Bracket**  
ET-PKL100S
- **Attachment for Ceiling Mount Bracket**  
ET-PKV400B
- **Replacement Filter Unit**  
ET-RFV500
- **Wireless Module**  
AJ-WM50
- **DIGITAL LINK Switcher**  
ET-YFB200G  
Note: ET-YFB200G is not compatible with 4K signals.
- **Digital Interface Box**  
ET-YFB100G  
Note: ET-YFB100G is not compatible with 4K signals.
- **Early Warning Software**  
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/>