Panasonic
BUSINESS

PT-**VMZ60** Series
LCD Projectors

AVAILABLE FROM MARCH/JUNE* 2019

* PT-VMZ50/VMZ40/VMW50: Available from March 2019
PT-VMZ60/VMW60: Available from June 2019

The World's Smallest and Lightest*1 6,000-lm LCD Laser Projector

SOLID SHINE LASER

DIGITAL LINK — SINGLE CABLE SOLUTION
Excluding PT-VMZ40

360°

ACCEPTS 4K SIGNAL
Supports signals up to 4K/30p

WIRELESS
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*2 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*3 via HDMI® and DIGITAL LINK*4, and features separate LAN and DIGITAL LINK*4 terminals

*1 For laser projectors in the 5,000-lumens-class or higher with WUXGA resolution as of February 2019. *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/m³ of particulate matter. Estimated time until light output declines to 50 % varies depending on environment. *3 Supports signals up to 4K/30p. Images are converted to 1920 x 1080 for PT-VMZ60/VMZ50/VMZ40 and 1280 x 720 for PT-VMW60/VMW50. Applicable terminals: DIGITAL LINK terminal/HDMI terminal. *4 PT-VMZ40 does not feature a DIGITAL LINK terminal.

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)	+44 %, 0 % (Manual)				
	Horizontal (from center of screen)	+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/YPʙPʀ/YCʙCʀ)				
	COMPUTER 2 IN / MONITOR OUT	D-sub 15-pin (female) × 1 (RGB/YPʙPʀ/YCʙCʀ) (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*3), 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/m³ 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/

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All information included here is valid as of February 2019.

PT-VMZ60PRE1 Printed in Japan.