Panasonic
BUSINESS

The World's Smallest and Lightest*1 5,000-lm LCD Laser Projector

Office & Boardroom

Education & Training

■ Bright and Compact

5,000 lm at WUXGA from a compact, stylish 7.2 kg (15.87 lbs.) [TBD] body, bringing dynamic images to any space

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

■ 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, separate LAN and DIGITAL LINK*4 terminals

PT-VMZ50 Series

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

AVAILABLE FROM MARCH 2019

Specifications (Tentative)

Model		PT-VMZ50	PT-VMZ40	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 Diode		
Light output[1]		5,000 lm	4,500 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)	0 % – +44 % (Manual) [TBD]		
	Horizontal (from center of screen)	[TBD]		
Keystone correction range		Vertical: ±25°, Horizontal: ±35° [TBD]		Vertical, Horizontal: ±35° [TBD]
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/YPBPR/YCBCR)		
	COMPUTER 2 IN / MONITOR OUT	D-sub 15-pin (female) × 1 (RGB/YPBPR/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[3]), optional wireless module AJ-WM50 [TBD]		
Power supply		AC 100 V–240 V, 50/60 Hz		
Power consumption		[TBD]		
Built-in speaker		10 W monoaural		
Cabinet materials		Molded plastic		
Filter		Included (Filter replacement cycle: TBD)		
Operation noise[1]		NORMAL: 38 dB, QUIET: 29 dB [TBD]		
Dimensions (W × H × D)		399 mm × 115 mm × 348 mm (15 $23/32''$ × 4 $17/32''$ × 13 $11/16''$) (Not including protruding parts) 399 mm × 133 mm × 348 mm (15 $23/32''$ × 5 $1/4''$ × 13 $11/16''$) (With feet at shortest position)		
Weight[4]		Less than 7.2 kg (15.87 lbs.) [TBD]		
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 35 °C (95 °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 not available with Operational Mode set to [ECO]. *4 Average value. May differ depending on the actual unit.

Optional Accessories

• High-Ceiling Mount Bracket	ET-PKL100H	• Replacement Filter Unit	ET-RFV410 [TBD]	• DIGITAL LINK Switcher	ET-YFB200G	• Early Warning Software	ET-SWA100 Series

- • High-Ceiling Mount Bracket — ET-PKL100H
- • Low-Ceiling Mount Bracket — ET-PKL100S
- • Attachment for Ceiling Mount Bracket — ET-PKV400B
- • Replacement Filter Unit — ET-RFV410 [TBD]
- • Wireless Module — AJ-WM50 [TBD]

- • 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/

Panasonic®

All information included here is valid as of November 2018.

PT-VMZ50PRE3 Printed in Japan.