



**5,000lm compact and cost-efficient LCD laser portable projector.**

## PT-VMZ50

Designed for Long-Lasting brightness and easy installation for education and corporate environments

### Key Features

Laser LCD, 5,000 lumens, WUXGA.

Compact and lightweight body bringing high brightness dynamic image

Long lasting laser light source provide consistent brightness

1.6x zoom and wide horizontal and vertical lens shift for flexible installation

Long lasting laser light source and low-maintenance design provide high brightness and superb image quality





## PT-VMZ50

<https://ap.connect.panasonic.com/p/en/products/projectors/pt-vmz50>

<b>Light output*1</b>	5,000 lumens
<b>Technology</b>	Laser LCD
<b>LCD panel   Panel size (mm)</b>	16 mm diagonal (16:10 aspect ratio)
<b>LCD panel   Panel size (inch)</b>	0.64 inch diagonal (16:10 aspect ratio)
<b>LCD Panel   Display Method</b>	Transparent LCD panel (x 3, R/G/B)
<b>LCD Panel   Drive Method</b>	Active matrix
<b>LCD Panel   Pixels</b>	2,304,000 (1920 x 1200) x 3, total of 6,912,000 pixels
<b>Lens</b>	1.6 x Manual zoom (throw ratio 1.09-1.77 :1), F = 1.60-2.12, f = 15.30-24.64 mm
<b>Light Source</b>	Laser diode
<b>Screen size (diagonal) (mm)</b>	0.76 - 7.62 m, 16:10 aspect ratio
<b>Screen size (diagonal) (inch)</b>	30-300 in, 16:10 aspect ratio
<b>Center-to-Corner Uniformity*1</b>	85 %
<b>Contrast*1</b>	3,000,000:1 (all white/all black) (Input signals:PC,LIGHT POWER:NORMAL,PICTURE MODE:DYNAMIC,DAYLIGHT WIEW:OFF,DYNAMIC CONTRAST:[1],AUTO POWER SAVE:OFF)
<b>Resolution</b>	1920 x 1200 pixels
<b>Optical axis shift   Vertical (from center of screen)</b>	0 % - +44 % (Manual)
<b>Optical axis shift   Horizontal (from center of screen)</b>	- 20% - +20% (Manual)
<b>Keystone correction range*2</b>	Vertical: ±25°, Horizontal: ±35°
<b>Installation</b>	Horizontal/Vertical, free 360-degree installation
<b>Terminals   HDMI 1/2 IN</b>	HDMI 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p signal input)
<b>Terminals   Computer 1 In</b>	D-sub 15-pin (female) x 1 (RGB/YBPBR/YCBCR)
<b>Terminals   COMPUTER 2 IN / MONITOR OUT</b>	D-sub 15-pin (female) x 1 (RGB/YBPBR/YCBCR) (input/output switching)
<b>Terminals   Video In</b>	Pin jack x 1
<b>Terminals   AUDIO 1/2 IN</b>	M3 stereo mini-jack x 2
<b>Terminals   AUDIO 3 IN</b>	Pin jack (L/R) x 1
<b>Terminals   Variable Audio Out</b>	M3 stereo mini-jack x 1
<b>Terminals   Serial In</b>	D-sub 9-pin x 1 for computer control (RS-232C compliant)
<b>Terminals   LAN</b>	RJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PLink™ (Class 2)
<b>Terminals   DIGITAL LINK/LAN</b>	RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-T™ compliant, 100Base-TX, compatible with PLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input
<b>Terminals   USB CONNECTOR</b>	USB connector (Type A) x 1 for Memory Viewer function, power supply (DC5V, maximum 2A*3), optional wireless module AJ-WM50
<b>Power Supply</b>	AC 100-240 V AC, 50/60 Hz
<b>Power Consumption</b>	TBD
<b>Built-in Speaker</b>	10 W (monaural)
<b>Operating noise*1</b>	NORMAL: 37dB, QUIET: 29dB
<b>Cabinet Materials</b>	Molded plastic
<b>Filter</b>	Included
	Filter cleaning cycle: 20,000 hours (0.08 mg/m <sup>3</sup> of particulate matter), 10,000 hours (0.15 mg/m <sup>3</sup> of particulate matter)
<b>Dimensions (W x H x D) (mm)</b>	399 x 115 x 348 mm (Not including protruding parts)399 x 133 x 348 mm (With feet at shortest position)
<b>Dimensions (W x H x D) (inch)</b>	15 23/32 x 4 17/32 x 13 11/16 inch (Not including protruding parts)15 23/32 x 5 1/4 x 13 11/16 inch (With feet at shortest position)
<b>Weight (kg)*4</b>	7.2 kg
<b>Weight (lbs.)*4</b>	15.87 lbs.
<b>Operating environment (°C/M)</b>	Operating temperature: 0 °C- 45 °C, operating humidity: 20 %-80 % (no condensation)
<b>Operating environment (°F/Feet)</b>	Operating temperature: 32 °F -113 °F, operating humidity: 20 %-80 % (no condensation)
<b>Applicable software/application</b>	Logo Transfer Software, Multi Monitoring & Control Software, Presenter Light for Windows®, Wireless Projector Apps for iOS/Android™
<b>Note</b>	*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, NORMALMode, 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 Average value. May differ depending on the actual unit.
<b>Light output</b>	5,000 lumens