



**6,000 lm compact and cost-efficient LCD laser portable projector**

## PT-VMZ60

Designed for education and corporate environments and achieving a large image even in a small space

### Key Features

Laser LCD, 6,000 lumens, WUXGA

Long lasting laser light source provides consistent brightness and 20,000 hours maintenance-free operation

A 1.09:1 throw-ratio and a wide horizontal and vertical lens-shift allow to create large images even in small spaces

Support 4K and 30p signal input, making the range a futureproofed solution to projecting the latest image quality and content.

Optional Wireless projection capability





## PT-VMZ60

<https://ap.connect.panasonic.com/id/en/products/projectors/pt-vmz60>

<b>Light output*1</b>	6 000 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,DAY LIGHT VIEW: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: 27dB
<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>	Less than 7.2 kg
<b>Weight (lbs.)*4</b>	Less than 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>	6 000 lumens