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

DIGITAL LINK SINGLE CABLE SOLUTION

WIRELESS

360°

SOLID SHINE LASER

ACCEPTS **4K** SIGNAL

PT-VMZ50

https://oc.connect.panasonic.com/nz/en/products/projectors/pt-vmz50

Light output*1	5,000 lumens
Technology	Laser LCD
LCD panel | Panel size (mm)	16 mm diagonal (16:10 aspect ratio)
LCD panel | Panel size (inch)	0.64 inch diagonal (16:10 aspect ratio)
LCD Panel | Display Method	Transparent LCD panel (x 3, R/G/B)
LCD Panel | Drive Method	Active matrix
LCD Panel | Pixels	2,304,000 (1920 x 1200) x 3, total of 6,912,000 pixels
Lens	1.6 x Manual zoom (throw ratio 1.09-1.77 :1), F = 1.60-2.12, f = 15.30-24.64 mm
Light Source	Laser diode
Screen size (diagonal) (mm)	0.76 - 7.62 m, 16:10 aspect ratio
Screen size (diagonal) (inch)	30-300 in, 16:10 aspect ratio
Center-to-Corner Uniformity*1	85 %
Contrast*1	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)
Resolution	1920 x 1200 pixels
Optical axis shift | Vertical (from center of screen)	0 % - +44 % (Manual)
Optical axis shift | Horizontal (from center of screen)	- 20% - +20% (Manual)
Keystone correction range*2	Vertical: ±25°, Horizontal: ±35°
Installation	Horizontal/Vertical, free 360-degree installation
Terminals | HDMI 1/2 IN	HDMI 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p signal input)
Terminals | Computer 1 In	D-sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR)
Terminals | COMPUTER 2 IN / MONITOR OUT	D-sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR) (input/output switching)
Terminals | Video In	Pin jack x 1
Terminals | AUDIO 1/2 IN	M3 stereo mini-jack x 2
Terminals | AUDIO 3 IN	Pin jack (L/R) x 1
Terminals | Variable Audio Out	M3 stereo mini-jack x 1
Terminals | Serial In	D-sub 9-pin x 1 for computer control (RS-232C compliant)
Terminals | LAN	RJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PJLink™ (Class 2)
Terminals | DIGITAL LINK/LAN	RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-T™ complian, 100Base-TX, compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input
Terminals | USB CONNECTOR	USB connector (Type A) x 1 for Memory Viewer function, power supply (DC5V, maximum 2A*3), optional wireless module AJ-WM50
Power Supply	AC 100-240 V AC, 50/60 Hz
Power Consumption	TBD
Built-in Speaker	10 W (monaural)
Operating noise*1	NORMAL: 37dB, QUIET: 29dB
Cabinet Materials	Molded plastic
Filter	Included
	Filter cleaning cycle: 20,000 hours (0.08 mg/m3 of particulate matter), 10,000 hours (0.15 mg/m3 of particulate matter)
Dimensions (W x H x D) (mm)	399 x 115 x 348 mm (Not including protruding parts)399 x 133 x 348 mm (With feet at shortest position)
Dimensions (W x H x D) (inch)	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)
Weight (kg)*4	7.2 kg
Weight (lbs.)*4	15.87 lbs.
Operating environment (℃/M)	Operating temperature: 0 ℃- 45 ℃, operating humidity: 20 %-80 % (no condensation)
Operating environment (℉/Feet)	Operating temperature: 32 ℉ -113 ℉, operating humidity: 20 %-80 % (no condensation)
Applicable software/application	Logo Transfer Software, Multi Monitoring & Control Software, Presenter Light for Windows®, Wireless Projector Apps for iOS/Android™
Note	*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 ℃ (86 ℉), 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 Average value. May differ depending on the actual unit.
Light output	5,000 lumens