

# Panasonic



## PT-VMZ51

7,000 lm

LCD  
7,000 lm 3,000,000:1

### Key Features

가 LCD



## PT-VMZ51

<https://ap.pnd.panasonic.com/kr/ko/pt-VMZ51>

<b>Projector type</b>	LCD projectors
<b>Display method</b>	Transparent LCD panel (x 3, R/G/B)
<b>Display Device -&gt; Panel size</b>	16.3 mm (0.64 in) diagonal (16:10 aspect ratio)
<b>Display Device -&gt; Drive method</b>	Active matrix method
<b>Display Device -&gt; Number of pixels</b>	2,304,000 (1920 x 1200) pixels
<b>Light source</b>	Laser diodes
<b>Light output *1 *2</b>	5,200 lm
<b>Light output (ANSI) *1 *3</b>	5,200 lm
<b>Time until light output declines to 50 % *20,000 [NORMAL]</b> -> NORMAL *5	
<b>Time until light output declines to 50 % *24,000 [ECO]</b> -> ECO *5	
<b>Time until light output declines to 50 % *20,000 hours [QUIET]</b> -> QUIET *5	
<b>Resolution *6</b>	WUXGA (1920 x 1200 pixels)
<b>Contrast Ratio (typ.)</b>	3,000,000:1 (Full On/Full Off)(When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1].)
<b>Screen size (diagonal)</b>	0.76–7.62 m (30–300 in), 16:10 aspect ratio
<b>Center-to-corner zone ratio</b>	85%
<b>Lens</b>	1.6 ( : 1.09–1.77:1), , F 1.60–2.12, f 15.30–24.64 mm
<b>Digital Zoom Extender *7</b>	1.09–2.21:1 *5 ( . )
<b>Lens shift -&gt; Vertical(from center of screen)</b>	+44 %
<b>Lens shift -&gt; Horizontal(from center of screen)</b>	±20%
<b>Keystone correction range</b>	: ±25°, : ±35°
<b>Installation</b>	/ , / , 360
<b>Terminals -&gt; HDMI™ IN</b>	HDMI™TM 19 x 2 (HDCP , Deep Color, 4K/30p*6 ◆ ), CEC *7
<b>Terminals -&gt; COMPUTER IN ( D-SUB 15pin )</b>	D-sub 15-pin (female) x 2 (RGB/Y/P <sub>B</sub> /R/YC <sub>B</sub> /C <sub>R</sub> )
<b>Terminals -&gt; AUDIO IN (M3 Stereo Mini Jack)</b>	M3 stereo mini-jack x 2
<b>Terminals -&gt; AUDIO OUT (M3 Stereo Mini Jack)</b>	M3 stereo mini-jack x 1
<b>Terminals -&gt; SERIAL IN</b>	D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)
<b>Terminals -&gt; DIGITAL LINK IN / LAN</b>	RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBase™™ compliant), 100Base-TX (Compatible with PLink™™ [Class 2], HDCP, Deep Color, 4K/30p*6 signal input)
<b>Terminals -&gt; LAN</b>	RJ-45 x 1, 10Base-T, 100Base-TX, PLink™™ [Class 2]
<b>Terminals -&gt; USB TYPE A</b>	USB ( ◆ A) x 1, AJ-WM50 , (DC 5 V, 2 A*8)
<b>Protocol versions</b>	IPv4, IPv6*9
<b>Power supply</b>	AC 100 V–240 V, 50/60 Hz
<b>Maximum power consumption *13</b>	305 W (3.1–1.3 A) (310 VA)(200–240 V 295 W)
<b>On-mode power consumption(Operating mode) -&gt; Normal *13 *14</b>	[NORMAL] 270 W (100–120 V), 255 W (200–240 V)
<b>On-mode power consumption(Operating mode) -&gt; Eco *13 *14</b>	[ECO] 195 W (100–120 V), 185 W (200–240 V)
<b>On-mode power consumption(Operating mode) -&gt; Quiet *13 *14</b>	[QUIET] 190 W (100–120 V), 180 W (200–240 V)
<b>Built-in speaker</b>	10 W monaural
<b>Cabinet materials</b>	Molded plastic
<b>Filter *15</b>	Included
<b>Estimated filter maintenance cycle</b>	20,000
<b>Operation noise -&gt; Normal</b>	36 dB [NORMAL]
<b>Operation noise -&gt; Eco</b>	36 dB [ECO]
<b>Operation noise -&gt; Quiet</b>	26 dB [QUIET]
<b>Body Colour</b>	White
<b>Dimensions (W x H x D)</b>	399 mm x 115 mm x 348 mm (15 23/32" x 4 17/32" x 13 11/16") ( ) 399 mm x 133 mm x 348 mm (15 23/32" x 5 1/4" x 13 11/16") ( 7 1/2" )
<b>Dimensions (W x H x D) -&gt; Width (not including protruding parts)</b>	399 mm (15 23/32")
<b>Dimensions -&gt; Width (including protruding parts)</b>	399 mm (15 23/32")
<b>Dimensions -&gt; Height (not including protruding parts)</b>	115 mm (4 17/32")

<b>Dimensions -&gt; Height (including protruding parts)</b>	133 mm (5 1/4")
<b>Dimensions -&gt; Depth (not including protruding parts)</b>	348 mm (13 11/16")
<b>Dimensions -&gt; Depth (including lens)</b>	348 mm (13 11/16")
<b>Gross Dimensions (W x H x D in mm)</b>	VMZ51E: 563 x 447 x 262 mm VMZ51: 555 x 439 x 246 mm
<b>Weight *16</b>	6.5 kg (14.33 lbs)
<b>Gross Weight (Kg)</b>	VMZ51E: 10.2 kg(22.5 lbs) VMZ51: 9.3 kg(20.4 lbs)
<b>Operating environment -&gt; Operating temperature *17 *18</b>	0-45 °C (32-113 °F)
<b>Operating Environment -&gt; Operating humidity (No condensation)</b>	20-80 % (no condensation)
<b>Applicable software</b>	, Windows® *15, iOS/Android *16
<b>NFC</b>	No
<b>EAN</b>	VMZ51: 5025232923335 VMZ51E: 5025232923342
<b>Terminals -&gt; SDI IN</b>	—
<b>Terminals -&gt; DVI-D IN</b>	—
<b>Terminals -&gt; DisplayPort™ IN</b>	—
<b>Active 3D</b>	No
<b>SDM</b>	No
<b>Footnote Description</b>	<p>1. [PICTURE MODE]가 [DYNAMIC], [LIGHT POWER] [NORMAL], [Daylight View] [OFF], [AUTO POWER SAVE] [OFF]</p> <p>2. ISO/IEC 21118: 2020</p> <p>3. (American National Standards Institute)</p> <p>4. 50% ((PICTURE MODE): [DYNAMIC], [DYNAMIC CONTRAST] [2], 30 °C(86 °F), 700 m (2,297 ft), 0.15 mg/m3, 50 %</p> <p>5. 6-Point, V/H</p> <p>6. Digital Zoom Extender 80 %</p> <p>7. 4K</p> <p>8. CEC</p> <p>9. Quick Startup ON Power Management Ready 가</p> <p>10. Ver. 2.00 AJ-WM50 IPv6</p> <p>11. ISO/IEC 21118: 2020 ON 25 °C(77 °F), 700 m(2,297 ft)</p> <p>12. 0.08 mg/m3, 10,000 ( 0.15 mg/m3 ) :20,000 (</p> <p>13.</p> <p>14. 30 °C(86 °F), 2,700 m(8,858 ft)</p> <p>15. AJ-WM50 0-40 °C(32-104 °F)가</p> <p>16. Presenter Light Software 1280 × 800 1024 × 768 가 PC 가</p> <p>17. iOS/Android™ WXGA(1280 × 800)</p>