

# Panasonic



4,000    SOLID SHINE    , WUXGA

## PT-LMZ420

4,000    WUXGA

Key Features

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SOLID SHINE.



## PT-LMZ420

<https://ap.pnd.panasonic.com/th/ko/pt-LMZ420>

<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>	4,200 lm
<b>Light output (ANSI) *1 *3</b>	4,200 lm
<b>Time until light output declines to 50 %</b>	20,000 [NORMAL]
<b>-&gt; NORMAL *5</b>	
<b>Time until light output declines to 50 %</b>	24,000 [ECO]
<b>-&gt; ECO *5</b>	
<b>Time until light output declines to 50 %</b>	20,000 hours [QUIET]
<b>-&gt; QUIET *5</b>	
<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>	1.2 ( : 1.36–1.64:1), , F 1.61–1.76, f 19.1–23.0 mm
<b>Digital Zoom Extender *7</b>	: 1.36–2.05:1 *5 ( . )
<b>Keystone correction range</b>	: ±25° ( , ), : ±35° ( )
<b>Installation</b>	/ , / , 360
<b>Terminals -&gt; HDMI™ IN</b>	HDMI™ 19 x 2 (HDCP 1.4 , Deep Color, 4K/30p*6 ◊ ), CEC *7
<b>Terminals -&gt; COMPUTER IN ( D-SUB 15pin )</b>	D- 15 (female) x 1 (RGB/YP <sub>BP</sub> /YC <sub>B</sub> C <sub>R</sub> )
<b>Terminals -&gt; COMPUTER OUT ( D-SUB 15pin )</b>	D- 15 (female) x 1 (RGB/YP <sub>BP</sub> /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; LAN</b>	RJ-45 x 1, 10Base-T, 100Base-TX
<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>	240W
<b>On-mode power consumption(Operating mode) -&gt; Normal *13 *14</b>	[NORMAL] 215 W (100–240 V), 205 W (200–240 V)
<b>On-mode power consumption(Operating mode) -&gt; Eco *13 *14</b>	[ECO] 165 W (100–240 V), 160W (200–240 V)
<b>On-mode power consumption(Operating mode) -&gt; Quiet *13 *14</b>	[QUIET] 160W (100–240 V), 155 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>	33 dB [NORMAL]
<b>Operation noise -&gt; Eco</b>	33 dB [ECO]
<b>Operation noise -&gt; Quiet</b>	23 dB [QUIET]
<b>Body Colour</b>	White
<b>Dimensions (W x H x D)</b>	349 mm x 105 mm x 309 mm (13 3/4" x 4 1/8" x 12 5/32") ( 가 )
<b>Dimensions -&gt; Width (including protruding parts)</b>	349 mm (13 3/4")
<b>Dimensions -&gt; Height (including protruding parts)</b>	105 mm (4 1/8")
<b>Dimensions -&gt; Depth (including lens)</b>	309 mm (12 5/32")
<b>Gross Dimensions (W x H x D in mm)</b>	LMZ420EJ: 507 x 402 x 222 mm LMZ420: 497 x 392 x 210 mm
<b>Weight *16</b>	4.2kg(9.26 lbs)
<b>Gross Weight (Kg)</b>	LMZ420EJ: 7.4 kg(16.3 lbs) LMZ420: 6.6 kg(14.6 lbs)

<b>Operating environment -&gt; Operating temperature</b> *17 *18	0-45 °C (32-113 °F)
<b>Operating Environment -&gt; Operating humidity (No condensation)</b>	20-80 % (no condensation)
<b>Applicable software</b>	Presenter Light Software(Windows®)*14, Wireless Projector App(iOS/Android™)*15
<b>NFC</b>	No
<b>Control function via LAN</b>	PJLink™ [Class 2], Crestron Connected™, AMX Device Discovery
<b>EAN</b>	LMZ420: 5025232931545 LMZ420EJ: 5025232931552
<b>Lens shift -&gt; Vertical(from center of screen)</b>	—
<b>Lens shift -&gt; Horizontal(from center of screen)</b>	—
<b>Terminals -&gt; SDI IN</b>	—
<b>Terminals -&gt; DVI-D IN</b>	—
<b>Terminals -&gt; DisplayPort™ IN</b>	—
<b>Terminals -&gt; DIGITAL LINK IN / LAN</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. 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</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. :20,000 ( 0.08 mg/m3), 10,000 ( 0.15 mg/m3 ).</p> <p>13.</p> <p>14. 30 °C(86 °F) , 2,700 m(8,858 ft) AJ-WM50 0-40 °C(32-104 °F)가</p> <p>15. Presenter Light Software 1280 × 800 1024 × 768 가 , PC</p> <p>16. iOS/Android™ WXGA(1280 x 800)</p>