

Panasonic



4,000 LUMENS, SOLID SHINE, WUXGA

PT-LMW420

4,000 LUMENS, SOLID SHINE, WUXGA

Key Features



SOLID SHINE.



PT-LMW420

<https://ap.pnd.panasonic.com/sg/ko/pt-LMW420>

Projector type	LCD projectors
Display method	Transparent LCD panel (x 3, R/G/B)
Display Device -> Panel size	16.3 mm (0.64 in) diagonal (16:10 aspect ratio)
Display Device -> Drive method	Active matrix method
Display Device -> Number of pixels	1,024,000 (1280 x 800) pixels
Light source	Laser diodes
Light output *1 *2	4,200 lm
Light output (ANSI) *1 *3	4,200 lm
Time until light output declines to 50 %	20,000 [NORMAL]
-> NORMAL *5	
Time until light output declines to 50 %	24,000 [ECO]
-> ECO *5	
Time until light output declines to 50 %	20,000 hours [QUIET]
-> QUIET *5	
Resolution *6	WXGA (1280 x 800 pixels)
Contrast Ratio (typ.)	3,000,000:1 (Full On/Full Off)(When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1].)
Screen size (diagonal)	0.76–7.62 m (30–300 in), 16:10 aspect ratio
Center-to-corner zone ratio	85%
Lens	1.2 (: 1.36–1.64:1), , F 1.61–1.76, f 19.1–23.0 mm
Digital Zoom Extender *7	: 1.36–2.05:1 *5 (.)
Keystone correction range	: ±35° (,), : ±35° ()
Installation	/ , / , 360
Terminals -> HDMI™ IN	HDMI™ 19 x 2 (HDCP 1.4 , Deep Color, 4K/30p*6), CEC *7
Terminals -> COMPUTER IN (D-SUB 15pin)	D- 15 (female) x 1 (RGB/YP _{Bp} /YC _{BcR})
Terminals -> COMPUTER OUT (D-SUB 15pin)	D- 15 (female) x 1 (RGB/YP _{Bp} /YC _{BcR})
Terminals -> AUDIO IN(M3 Stereo Mini Jack)	M3 stereo mini-jack x 2
Terminals -> AUDIO OUT(M3 Stereo Mini Jack)	M3 stereo mini-jack x 1
Terminals -> SERIAL IN	D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)
Terminals -> LAN	RJ-45 x 1, 10Base-T, 100Base-TX
Terminals -> USB TYPE A	USB (A) x 1, AJ-WM50 , (DC 5 V, 2 A*8)
Protocol versions	IPv4, IPv6*9
Power supply	AC 100 V–240 V, 50/60 Hz
Maximum power consumption *13	230W
On-mode power consumption(Operating mode) -> Normal *13 *14	[NORMAL] 205 W (100–240 V), 195 W (200–240 V)
On-mode power consumption(Operating mode) -> Eco *13 *14	[ECO] 155W (100–240 V), 145 W (200–240 V)
On-mode power consumption(Operating mode) -> Quiet *13 *14	[QUIET] 150W (100–240 V), 145 W (200–240 V)
Built-in speaker	10 W monaural
Cabinet materials	Molded plastic
Filter *15	Included
Estimated filter maintenance cycle	20,000
Operation noise -> Normal	33 dB [NORMAL]
Operation noise -> Eco	33 dB [ECO]
Operation noise -> Quiet	23 dB [QUIET]
Body Colour	White
Dimensions (W x H x D)	349 mm x 105 mm x 309 mm (13 3/4" x 4 1/8" x 12 5/32") (가)
Dimensions -> Width (including protruding parts)	349 mm (13 3/4")
Dimensions -> Height (including protruding parts)	105 mm (4 1/8")
Dimensions -> Depth (including lens)	309 mm (12 5/32")
Gross Dimensions (W x H x D in mm)	LMW420EJ: 507 x 402 x 222 mm LMW420: 497 x 392 x 210 mm
Weight *16	4.2kg(9.26 lbs)
Gross Weight (Kg)	LMW420EJ: 7.4 kg(16.3 lbs) LMW420: 6.6 kg(14.6 lbs)

Operating environment -> Operating temperature *17 *18	0-45 °C (32-113 °F)
Operating Environment -> Operating humidity (No condensation)	20-80 % (no condensation)
Applicable software	Presenter Light Software(Windows®)*14, Wireless Projector App(iOS/Android™)*15
NFC	No
Control function via LAN	PJLink™ [Class 2], Crestron Connected™, AMX Device Discovery
EAN	LMW420: 5025232931590 LMW420EJ: 5025232931583
Lens shift -> Vertical(from center of screen)	—
Lens shift -> Horizontal(from center of screen)	—
Terminals -> SDI IN	—
Terminals -> DVI-D IN	—
Terminals -> DisplayPort™ IN	—
Terminals -> DIGITAL LINK IN / LAN	—
Active 3D	No
SDM	No
Footnote Description	<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>