



Revitalize Communication with 4,000-lm-class WUXGA Portable Laser Projectors

## **PT-LMW420**

4,000-lm-class SOLID SHINE Laser Projectors Revitalize Communication with WUXGA Images

## **Key Features**

Effortless Projection Anywhere, Anytime

Efficient, Reliable, and Cost-Effective

SOLID SHINE for Clear Images in Bright Light



## PT-LMW420

https://ap.connect.panasonic.com/p h/en/products/projectors/pt-lmw420

Display Newtool	Projector type	LCD projectors
Display Device > Drive method   Display Device > Number of pixels   1.024.000 (1.20 x 8.00) pixels		
Display Device > Number of pixels		
Light source   Laser diodes   Light output "12"   2   4,200 lm		
Light output 1*2**3	Display Device -> Number of pixels	1,024,000 (1280 x 800) pixels
Light output (ANS) *4  Time until light output declines to 50 %20,000 hours [NORMAL]  → NORMAL *6  Time until light output declines to 50 %24,000 hours [ECO]  → ECO*  **Time until light output declines to 50 %24,000 hours [CUIET]  → COUTET *6  **SOUTET *6  **SOUTE	Light source	Laser diodes
Time until light output declines to 50 %20,000 hours [NORMAL] >	Light output *1 *2 *3	4,200 lm
> NOBMAL *5 Time until light output declines to 50 %24,000 hours [ECO] → ECO* Time until light output declines to 50 %20,000 hours [QUIET] → QUIET *6 Resolution	Light output (ANSI) *4	4,200 lm
Time until light output declines to 50 %24,000 hours [ECO]   > ECO **  **CEO **  **OUTP***  **OUTP**  **CHITT**  **OUTP**  **CHITT**  **OUTP**  **CHITT**  **OUTP**  **CHITT**  **OUTP**  **CHITT**  **CONTRAST   15 set to [1])*  **Coren size (diagonal)  **Out-Cortex-to-coren zone rato**  **3  **S%  **Lens  **1.2x manual zoom (knowratio: 1.36-1.64-1), manual focus lens, F 1.61-1.76, f 19.1-mn  **Digital Zoom Extender**  **Throw ratio: 1.36-2.05.1+5 (Corresponding value. When used together with optical Keystone correction range  **Vertical: 235 **(Auto, Manual),  **Horizontal: 235 **(Muto, Member),  **Terminals - COMPUTER OUT (D-SUB 1)  **Destinal: 235 **(Muto, Member),  **Horizontal: 235 **(Muto, Member),		620,000 hours [NORMAL]
> ECO **  Trime until light output declines to \$0 %20,000 hours [QUIET]  > QUIET **  Resolution	-> NORMAL *6	
> QUET***  Resolution		
Contrast Ratio (typ.) *3   3,000,000:1 (Full On/Full Off)When (PICTURE MODE) is set to [DYNAMIC] and [DYN CONTRAST] is set to [1].)		620,000 hours [QUIET]
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 <sup>13</sup> 85%  Lens 1,2x manual zoom (ktrow ratio: 1,36-1,64:1), manual focus lens, F1,61-1,76, f19,1-mm  Digital Zoom Extender <sup>15</sup> Throw ratio: 1,36-2,05:1*5 (Corresponding value, When used together with optical Keystone correction range Vertical: ±35 ° (Manual)  Installation Celling/floor, front/rea, free 360-degree installation  Celling/floor, front/rea, free 360-degree installation  Terminals > HDMI** IN supported*7  Terminals > COMPUTER IN ( D-SUB D-sub 15-pin (female) x 1 (RGB/YPgP <sub>R</sub> /YCgCg)  15pin)  Terminals > COMPUTER OUT ( D-SUB D-sub 15-pin (female) x 1 (RGB/YPgP <sub>R</sub> /YCgCg)  15pin)  Terminals > AUDIO DUT(M3 Stereo Mini Jack x 1 Mini Jack)  M3 stereo mini-jack x 2 Mini Jack x 1 Mini Jack x 1 Mini Jack y 1	Resolution	WXGA (1280 x 800 pixels)
Screen size (diagonal)  O. 76–7,62 m (30–300 in), 16-10 aspect ratio  Center-to-corner zone ratio **3  85%  85%  1.2x manual zoom (throw ratio: 1.36–1.64:1), manual focus lens, F1.61–1.76, f19.1-mm  Digital Zoom Extender **5  Throw ratio: 1.36–2.05:1*5 (Corresponding value, When used together with optical Vertical: ±35 * (Manual)  Horizontal: ±35 * (Manual)  Celling/floor, front/rear, free 360-degree installation  Terminals -> HDMI*** IN  HDMI*** 19-pin x 2 (Compatible with HDCP 1.4, Deep Color, 4K/30p*6 signal input), supported*7  Terminals -> COMPUTER IN (D-SUB  D-sub 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> /YC <sub>B</sub> C <sub>R</sub> )  15-pin)  Terminals -> AUDIO IN(M3 Stereo  Mini Jack)  Terminals -> AUDIO OUT(M3 Stereo  Mini Jack)  Terminals -> SERIAL IN  Terminals -> SERIAL IN  D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)  Terminals -> USB TYPEA  USB connector (Type A) x 1 for Maximum 2 A*8)  Protocol versions  IP-4, IP-6*9  Protocol versions  IP-4, IP-6*9  On-mode power  consumption(Operating mode) -> Eco  155 W (100–240 V),  Normal **9  USW (100–240 V),  Normal **19  USW (100–240 V),  Usb W (100–240 V),	Contrast Ratio (typ.) *3	3,000,000:1 (Full On/Full Off)(When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC
Center-to-corner zone ratio *3 85% Lens 1.2x manual zoom (throw ratio: 1.36–1.64:1), manual focus lens, F1.61–1.76, f19.1-mm  Digital Zoom Extender *5 Throw ratio: 1.36–2.05:1 *5 (Corresponding value. When used together with optical Keystone correction range Vertical: ±35 * (Manual), Horizontal: ±35 * (Manual		CONTRAST] is set to [1].)
Lens 1,2x manual zoom (throw ratio: 1.36–1.64:1), manual focus lens, F1.61–1.76, f19.1-mon properties and provided the properties and provided the p	Screen size (diagonal)	0.76–7.62 m (30–300 in), 16:10 aspect ratio
Impair   I	Center-to-corner zone ratio *3	85%
Vertical ±35 * (Manual)	Lens	1.2x manual zoom (throw ratio: 1.36–1.64:1), manual focus lens, F 1.61–1.76, f 19.1–23.0 mm
Installation Ceiling/floor, front/rear, free 360-degree installation Terminals -> HDMT <sup>**</sup> 19 - pin x 2 (Compatible with HDCP 1.4, Deep Color, 4K/30p*6 signal input), supported*7 Terminals -> COMPUTER IN (D-SUB D-sub 15-pin) (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> /YC <sub>B</sub> C <sub>R</sub> ) 15pin) Terminals -> COMPUTER OUT (D-SUB D-sub 15-pin) (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> /YC <sub>B</sub> C <sub>R</sub> ) 15pin) Terminals -> AUDIO IN (M3 Stereo Mini Jack x 2 Mini Jack) Terminals -> AUDIO OUT (M3 Stereo mini-jack x 2 Mini Jack) Terminals -> SERIAL IN D-sub 9-pin (female) x 1 for computer control (R5-232C compliant) Terminals -> USB TYPEA William (See Young William (	Digital Zoom Extender *5	Throw ratio: 1.36–2.05:1*5 (Corresponding value. When used together with optical zoom.)
Installation  Ceiling/floor, front/rear, free 360-degree installation  HDMT <sup>™</sup> N 19-pin x 2 (Compatible with HDCP 1.4, Deep Color, 4K/30p*6 signal input), supported*7  Terminals >> COMPUTER IN (D-SUB D-sub 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> /YC <sub>B</sub> C <sub>R</sub> )  15pin )  Terminals >> COMPUTER OUT (D-SUB D-sub 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> /YC <sub>B</sub> C <sub>R</sub> )  15pin )  Terminals >> AUDIO IN(M3 Stereo M3 stereo mini-jack x 2  Mini jack)  Terminals >> AUDIO OUT(M3 Stereo M3 stereo mini-jack x 1  Mini jack)  Terminals >> SERIAL IN D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)  Terminals >> LAN RJ-45 x 1 for network control, 10Base-T, 10DBase-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-T, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-T, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-T, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-T, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-T, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-T, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-T, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-T, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-TX  Terminals >> LAN RJ-45 x 1 for network control, 10Base-TX  Terminals >>	Keystone correction range	
Terminals -> HDMI <sup>™</sup> IN supported by support		Horizontal: ±35 ° (Manual)
supported*7 Terminals -> COMPUTER IN (D-SUB D-sub 15-pin (female) x1 (RGB/YPgPR/YCgCg) 15pin) Terminals -> COMPUTER OUT (D-SUB D-sub 15-pin (female) x1 (RGB/YPgPR/YCgCg) 15pin) Terminals -> AUDIO IN(M3 Stereo M3 stereo mini-jack x 2 Mini Jack) Terminals -> AUDIO OUT(M3 Stereo M3 stereo mini-jack x 2 Mini Jack) Terminals -> AUDIO OUT(M3 Stereo M3 stereo mini-jack x 1 Mini Jack) Terminals -> SERIAL IN D-sub 9-pin (female) x 1 for computer control (R5-232C compliant) Terminals -> LAN RJ-45 x 1 for network control, 10Base-T, 100Base-TX Terminals -> USB TYPEA USB connector (Type A) x 1 for Memory Viewer function, optional Aj-WM50 Series W Module, power supply (DC 5 V, maximum 2 A*8) Protocol versions IPv4, IPv6-9 Power supply AC 100 V-240 V, 50/60 Hz Maximum power consumption** Consumption(Operating mode) -> 205 W (100-240 V) On-mode power [ECO] Consumption(Operating mode) -> 205 W (100-240 V) On-mode power [CUIET] Consumption(Operating mode) -> 155 W (100-240 V) On-mode power [QUIET] Consumption(Operating mode) -> 145 W (200-240 V) On-mode power [QUIET] Consumption(Operating mode) -> 10 W monaural Cabinet materials Molded plastic Filter Included Estimated filter maintenance cycle Approx. 20,000 hours Operation noise -> Quiet** 3 33 dB [ECO] Operation noise -> Normal** 3 349 mm x 105 mm x 309 mm (13 3/4" x 4 1/8" x 12 5/32") (with feet at shortest pc Dimensions -> Width (including protruding parts) Dimensions -> Depth (including lens) 309 mm (12 5/32") Dimensions -> Depth (including lens) 309 mm (12 5/32") Weight*** 10		
Terminals -> COMPUTER IN ( D-SUB   D-sub 15-pin (female) x 1 (RGB/YPgP <sub>R</sub> /YCgC <sub>R</sub> )   15pin	Terminals -> HDMI <sup>™</sup> IN	HDMI <sup>TM</sup> 19-pin x 2 (Compatible with HDCP 1.4, Deep Color, 4K/30p*6 signal input), CEC supported*7
Terminals -> COMPUTER OUT ( D-SUB   D-sub 15-pin (female) x 1 (RGB/YPgP <sub>R</sub> /YCgC <sub>R</sub> )   15-pin		• •
15pin) Terminals -> AUDIO IN(M3 Stereo Mini Jack) Terminals -> AUDIO OUT(M3 Stereo Mini Jack) Terminals -> SERIAL IN Terminals -> SERIAL IN Terminals -> SERIAL IN Terminals -> SERIAL IN Terminals -> LAN Terminals -> LAN Terminals -> USB TYPE A Seconnector (Type A) x 1 for Memory Viewer function, optional Aj-WM50 Series W Module, power supply (DC 5 V, maximum 2 A*8) Protocol versions Protocol versions Protocol versions Protocol versions Protocol versions Proval (NORMAL) Consumption(Operating mode) -> 205 W (100 v - 240 V, 50/60 Hz Maximum power consumption *9 230 W On-mode power Consumption(Operating mode) -> Eco 19	• •	D-sub 15-pin (female) x 1 (RGB/YPьPь/YCьCь)
Mini Jack)         Mastereo mini-jack x 1           Terminals -> AUDIO OUT(M3 Stereo Mini-jack x 1         Mastereo mini-jack x 1           Mini Jack)         Ferminals -> SERIAL IN         D-sub 9-pin (female) x 1 for computer control (R5-232C compliant)           Terminals -> LAN         R}-45 x 1 for network control, 10Base-TX.           Terminals -> USB TYPE A         USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series W. Module, power supply (DC 5 V. maximum 2 A*8)           Protocol versions         IPv4, IPv6*9           Power supply         AC 100 V-240 V, 50/60 Hz           Maximum power consumption *** 230 W         Consumption (Operating mode) -> 205 W(100-240 V)           Normal *** 9         195 W (200-240 V)           On-mode power consumption (Operating mode) -> Eco 155 W (100-240 V)         155 W (100-240 V)           *** 9         145 W (200-240 V)           On-mode power consumption (Operating mode) -> Eco 155 W (100-240 V)         150 W (100-240 V)           Usil ** In speaker         10 W monaural           Cabinet materials         Molded plastic           Bilter         Included           Estimated filter maintenance cycle         Approx. 20,000 hours           Operation noise -> Normal ** 3         33 dB [KORMAL]           Operation noise -> Coulet ** 3         33 dB [KORMAL]           Dimensions -> Width (inclu	15pin )	
Mini Jack)         Desub 9-pin (female) x 1 for computer control (RS-232C compliant)           Terminals -> LAN         RJ-45 x 1 for network control, 10Base-T, 100Base-TX           Terminals -> USB TYPE A         USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series W Module, power supply (DC 5 V, maximum 2 A*8)           Protocol versions         IPv4, IPv6*9           Power supply         AC 100 V-240 V, 50/60 Hz           Maximum power consumption **9         230 W           Maximum power consumption (Operating mode) -> 205 W(100-240 V)         On-mode power           Consumption(Operating mode) -> 205 W(100-240 V)         On-mode power           consumption(Operating mode) -> Eto 3         155 W(100-240 V)           9         145 W(200-240 V)           0n-mode power         [CCO]           consumption(Operating mode) -> Eto 3         155 W(100-240 V)           9         145 W(200-240 V)           9         145 W(200-240 V)           9         145 W(200-240 V)           9         10 W monaural           Cabinet materials         Molded plastic           Filter         Included           Estimated filter maintenance cycle         Approx. 20,000 hours           Operation noise -> Normal ** 3         33 dB [KCOI]           Operation noise -> Vident (including protruding parts)		M3 stereo mini-jack x 2
Terminals -> LAN         RJ-45 x 1 for network control, 10Base-T, 100Base-TX           Terminals -> USB TYPE A         USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series W Module, power supply (DC 5 V, maximum 2 A*8)           Protocol versions         IPv4, IPv6*9           Power supply         AC 100 V-240 V, 50/60 Hz           Maximum power consumption ***         230 W           On-mode power         [NORMAL]           consumption(Operating mode) -> consumption (Operating mode) -> consumption (Operating mode) -> consumption (Type and type an		M3 stereo mini-jack x 1
Terminals -> LAN         RJ-45 x 1 for network control, 10Base-T, 100Base-TX           Terminals -> USB TYPE A         USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series W Module, power supply (DC 5 V, maximum 2 A*8)           Protocol versions         IPv4, IPv6*9           Power supply         AC 100 V-240 V, 50/60 Hz           Maximum power consumption **** 190 W (DO-240 V)         Woman **** 200 W (TO-240 V)           On-mode power consumption (Operating mode) -> (ECO) Consumption (Operating Mode) (Operating mode) -> (ECO) Consumption (Operating Mode) (Operating mode) -> (ECO) Consumption (Operating Mode) (Operating Mode) (Operating Mode) (Operating ECO) (Operating ECO) (Operating ECO) (Operating ECO) (Operating ECO) (Operating ECO) (Operatin	•	D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)
Module,power supply (DC 5 V, maximum 2 A*8)   Protocol versions   IPv4, IPv6*9     Power supply   AC 100 V-240 V, 50/60 Hz     Maximum power consumption *9   230 W     On-mode power   [NORMAL]     consumption(Operating mode) ->   205 W (100-240 V),   Normal *9   195 W (200-240 V)     On-mode power   [ECO]     consumption(Operating mode) ->   Eco   155 W (100-240 V),   *9   145 W (200-240 V)     On-mode power   [QUIET]     consumption(Operating mode) ->   Eco   155 W (100-240 V),   *9   145 W (200-240 V)     Outet *9   145 W (200-240 V)     Built-in speaker   10 W monaural     Cabinet materials   Molded plastic     Filter   Included     Estimated filter maintenance cycle   Approx. 20,000 hours     Operation noise -> Normal *3   33 dB (ECO)     Operation noise -> Eco *3   33 dB (ECO)     Operation noise -> Eco *3   33 dB (ECO)     Operation noise -> Width (including   349 mm x 105 mm x 309 mm (13 3/4" x 4 1/8" x 12 5/32") (with feet at shortest point protruding parts)     Dimensions -> Width (including   105 mm (4 1/8")     protruding parts   Dimensions -> Depth (including lens)   309 mm (12 5/32")     Weight *10	Terminals -> LAN	
Protocol versions         IPv4, IPv6*9           Power supply         AC 100 V-240 V, 50/60 Hz           Maximum power consumption**9         230 W           On-mode power         (NORMAL]           consumption(Operating mode) ->         205 W (100-240 V),           On-mode power         [ECO]           consumption(Operating mode) ->         Eto 55 W (100-240 V),           *9         145 W (200-240 V)           On-mode power         [QUIET]           consumption(Operating mode) ->         150 W (100-240 V),           Quiet *9         145 W (200-240 V)           Built-in speaker         10 W monaural           Cabinet materials         Molded plastic           Filter         Included           Estimated filter maintenance cycle         Approx. 20,000 hours           Operation noise -> Normal *3         33 dB [NORMAL]           Operation noise -> Eco *3         33 dB [ECO]           Operation noise -> Width (including)         349 mm x 105 mm x 309 mm (13 3/4" x 4 1/8" x 12 5/32") (with feet at shortest pointensions -> Width (including)           Dimensions -> Width (including)         105 mm (4 1/8")           protruding parts)         105 mm (4 1/8")           Dimensions -> Depth (including)         105 mm (4 1/8")           Weight **10         Approx. 4.2 kg	Terminals -> USB TYPE A	USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless
Power supply         AC 100 V-240 V, 50/60 Hz           Maximum power consumption*9         230 W           On-mode power consumption(Operating mode) -> 205 W (100-240 V), Normal*9         195 W (200-240 V)           On-mode power consumption(Operating mode) -> Eco 0         155 W (100-240 V), 155 W (100-240 V), 145 W (200-240 V)           On-mode power consumption(Operating mode) -> Eco 0         155 W (100-240 V), 145 W (200-240 V)           On-mode power consumption(Operating mode) -> (OUIET) (200 V), 145 W (200-240 V)         145 W (200-240 V)           Built-in speaker         10 W monaural           Cabinet materials         Molded plastic           Filter         Included           Estimated filter maintenance cycle         Approx. 20,000 hours           Operation noise -> Normal*3         33 dB [RORMAL]           Operation noise -> Poutet*3         23 dB [QUIET]           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") (with feet at shortest pounding parts)           Dimensions -> Height (including protruding parts)         105 mm (4 1/8")           Dimensions -> Depth (including lens)         309 mm (12 5/32")           Weight**10         Approx. 4.2 kg (9.26 lbs)           Operating environment -> Operating temperature *11         20-80 % (no condensation)           Operating Environment -> Operating temperature *11         Multi Monitoring & Contro		Module, power supply (DC 5 V, maximum 2 A*8)
Maximum power consumption*9         230 W           On-mode power consumption(Operating mode) -> 205 W (100-240 V), 195 W (200-240 V)         205 W (100-240 V)           On-mode power consumption(Operating mode) -> Eco consumption(Operating mode) -> Eco (155 W (100-240 V), 145 W (200-240 V)         155 W (100-240 V), 145 W (200-240 V)           On-mode power consumption(Operating mode) -> Eco (150 W (100-240 V), 145 W (200-240 V)         150 W (100-240 V), 145 W (200-240 V)           Built-in speaker consumption (Operating mode) -> 150 W (100-240 V), 145 W (200-240 V)         150 W (100-240 V), 145 W (200-240 V)           Built-in speaker consumption (Operating mode) -> 10 W monaural consumption (Operating noise -> Normal *3 33 dB [NORMAL]         33 dB [NORMAL]           Operation noise -> Normal *3 33 dB [ECO]         33 dB [ECO]         349 mm x 105 mm x 309 mm (13 3/4" x 4 1/8" x 12 5/32") (with feet at shortest polimensions -> Width (including parts)         349 mm x 105 mm x 309 mm (13 3/4" x 4 1/8" x 12 5/32") (with feet at shortest polimensions -> Normal parts)         105 mm (4 1/8")         107 mm (4 1/8")	Protocol versions	IPv4, IPv6*9
On-mode power consumption(Operating mode) -> Normal *9         195 W (100-240 V), 195 W (200-240 V)           On-mode power consumption(Operating mode) -> Eco (155 W (100-240 V), 145 W (200-240 V)         155 W (100-240 V), 145 W (200-240 V)           On-mode power consumption(Operating mode) -> Eco (155 W (100-240 V), 145 W (200-240 V)         150 W (100-240 V), 145 W (200-240 V)           Built-in speaker (100 W monaural)         100 W monaural           Cabinet materials (100 M moterials)         Molded plastic           Filter (100 M moterial)         Molded plastic           Filter (100 M moterial)         33 dB [NORMAL]           Operation noise -> Normal *3 (100 M moterial)         33 dB [NORMAL]           Operation noise -> Eco *3 (100 M m m m m m m m m m m m m m m m m m m	Power supply	AC 100 V-240 V, 50/60 Hz
consumption(Operating mode) -> Normal *9         205 W (100-240 V), (200-240 V)           On-mode power (consumption(Operating mode) -> Eco 155 W (100-240 V), (200-240 V)           *9         145 W (200-240 V)           On-mode power (consumption(Operating mode) -> 145 W (200-240 V)         145 W (200-240 V)           Built-in speaker (10 W monaural Cabinet materials Molded plastic         Molded plastic           Filter Included Stimated filter maintenance cycle Approx. 20,000 hours (200-240 V)         Approx. 20,000 hours (200-240 V)           Operation noise -> Normal *3 (30 B [NORMAL] (200-240 V)         Approx. 20,000 hours (200-240 V)           Operation noise -> Quiet *3 (200-240 V)         23 dB [QUIET] (200-240 V)           Dimensions (W x H x D) (200-240 V)         349 [QUIET] (200-240 V)           Dimensions (W x H x D) (200-240 V)         349 [QUIET] (200-240 V)           Dimensions (W x H x D) (200-240 V)         349 [QUIET] (200-240 V)           Dimensions (W x H x D) (200-240 V) (200-240 V)         349 [QUIET] (200-240 V)           Dimensions -> Width (including (200-240 V) (200-240 V)         349 [QUIET] (200-240 V)           Dimensions -> Width (including (200-240 V) (200-240 V)         349 [QUIET] (200-240 V)           Dimensions -> Width (including (200-240 V) (200-240 V)         349 [QUIET] (200-240 V)           Dimensions -> Width (including (200-240 V) (200-240 V)         349 [QUIET] (200-240 V)           Dimensions -> Width (	Maximum power consumption *9	230 W
Normal **9         195 W (200-240 V)           On-mode power         [ECO]           consumption(Operating mode) -> Eco         155 W (100-240 V)           *9         145 W (200-240 V)           On-mode power         [QUIET]           consumption(Operating mode) ->         150 W (100-240 V)           Quiet **9         145 W (200-240 V)           Built-in speaker         10 W monaural           Cabinet materials         Molded plastic           Filter         Included           Estimated filter maintenance cycle         Approx. 20,000 hours           Operation noise -> Normal **3         33 dB [NORMAL]           Operation noise -> Eco *3         33 dB [ECO]           Operation noise -> Quiet **3         23 dB [QUIET]           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") (with feet at shortest point and any	•	[NORMAL]
On-mode power consumption(Operating mode) -> Eco 279         155 W (100-240 V), 145 W (200-240 V)           **9         145 W (200-240 V)           On-mode power consumption(Operating mode) -> 150 W (100-240 V), 145 W (200-240 V)         145 W (200-240 V)           Built-in speaker         10 W monaural           Cabinet materials         Molded plastic           Filter         Included           Estimated filter maintenance cycle         Approx. 20,000 hours           Operation noise -> Normal *3         33 dB [RCO]           Operation noise -> Quiet *3         23 dB [QUIET]           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") (with feet at shortest point in shortest point i		
consumption(Operating mode) -> Eco   155 W (100-240 V),  *9		
*9	-	
On-mode power consumption(Operating mode) -> 150 W (100-240 V), Quiet *9 145 W (200-240 V)  Built-in speaker 10 W monaural Cabinet materials Molded plastic Filter Included Estimated filter maintenance cycle Approx. 20,000 hours Operation noise -> Normal *3 33 dB [NORMAL] Operation noise -> Royalet *3 23 dB [QUIET] 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") (with feet at shortest point in speaker) Dimensions -> Width (including protruding parts) Dimensions -> Height (including protruding parts) Dimensions -> Depth (including lens) 309 mm (12 5/32") Weight *10 Approx. 4.2 kg (9.26 lbs) Operating environment -> Operating temperature *11 Operating Environment -> Operating public in speaker in the protruding parts of the part of the p		
Quiet*9145 W (200-240 V)Built-in speaker10 W monauralCabinet materialsMolded plasticFilterIncludedEstimated filter maintenance cycleApprox. 20,000 hoursOperation noise -> Normal*333 dB [NORMAL]Operation noise -> Eco *333 dB [ECO]Operation noise -> Quiet *323 dB [QUIET]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") (with feet at shortest pointensions -> Width (including protruding parts)Dimensions -> Height (including parts)105 mm (4 1/8")Dimensions -> Depth (including lens)309 mm (12 5/32")Weight *10Approx. 4.2 kg (9.26 lbs)Operating environment -> Operating temperature *1140-45 °C (32-113 °F)Operating Environment -> Operating pundity (No condensation)40-80 % (no condensation)Applicable softwareMulti Monitoring & Control Software, Projector Network Setup Software, Logo Trans Software, Presenter Light Software for Windows®*14, Wireless Projector App for	On-mode power	
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## **Footnote Description**

- 1. When [PICTURE MODE] is set to [DYNAMIC], [LIGHT POWER] is set to [NORMAL], [DAYLIGHT VIEW] is set to [OFF], and [AUTO POWER SAVE] is set to [OFF].
- Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped.
- Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped.
- 4. Around this time, light output will have decreased to approximately 50 % of its original level ([PICTURE MODE]: [DYNAMIC], [DYNAMIC CONTRAST] set to [2], temperature 30 °C (86 °F), elevation 700 m (2,297 ft) with 0.15 mg/m3 of particulate matter). Estimated time until light output declines to 50 % varies depending on environment.
- Resolution decreases when using this function. V/H Keystone Correction and curved-screen correction are not available when using this function, and range of corner adjustment is limited.
- 6. When Digital Zoom Extender is set to 80 %.
- 7. 4K signals are converted to the projector's resolution upon projection.
- 8. Depending on the connected CEC command-compatible device, the link control may not operate normally.
- 9. On standby, power supply is available with Quick Startup set to ON or Power Management set to Ready.
- Main projector firmware must be Ver. 2.00 or later. The optional AJ-WM50 Series Wireless Module does not support IPv6.
- 11. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. On-mode power consumption measured at 25 °C (77 °F) operating temperature at an altitude of 700 m (2,297 ft).
- 12. Filter cleaning cycle varies depending on environment. Filter can be washed and reused up to two times. Filter cleaning cycle: 20,000 hours (under dust conditions of 0.08 mg/m3), 10,000 hours (under dust conditions of 0.15 mg/m3).
- 13. Average value. May differ depending on the actual unit.
- 14. Light output is limited at operating temperatures higher than 30 °C (86 °F), and projectors cannot be operated at altitudes higher than 2,700 m (8,858 ft) above sea level. When optional AJ-WM50 Series Wireless Module is attached, operating temperature range becomes 0–40 °C (32–104 °F).
- 15. When using Presenter Light Software, images are projected with 1280  $\times$  800 dots or 1024  $\times$  768 dots onto the screen. Also, your PC display resolution may be forcibly changed, and audio playback disrupted or become noisy, while images and sound are being transmitted.
- 16. When using the Wireless Projector app, display resolution differs depending on your iOS/Android™ device and the display device. The maximum supported display resolution is WXGA (1280 x 800).