

# Compact and lightweight LCD laser projector

PT-VMZ51









### **KEY FEATURES**

- Compact and lightweight LCD laser projector
- · Clear Images That Are Easy to See in Bright Rooms
- Installation Flexibility Adapts Projection to Any Space
- · Smooth and Effortless Collaboration

# **Product Specifications**



# **SPECIFICATIONS**

CDP Pamel   Pamel   Size	Projector type	LCD projectors
	· · · ·	
Light Source Light Output** 12 Time until light output declines to 50 %*3 2000 hours (NOPEMALOUET)24,000 hours (ECO) Resolution WLXSA (1920 x 1200 postel) Contrast Ratio*1 Cont	<u>'</u>	
Time until light output declines to 80 %3	·	
Resolution	<u> </u>	
Resolution WUKGA (1920 x 1200 pixels)  Contrast Ratio*1 Sponosition (Pikel Confirm Off (When PixTURE MODE) is set to [DYNAMIC] and [DYNAMIC] a	<u> </u>	
Contract Ratio*1         3,000,000:1 (Full On/Full Off) (When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC] contracts in set to [1] is set to [1].           Screen Size (Diagonal)         0,76-7,82 m (30-300 in), 16:10 appect ratio           Center-to-corner zone ratio*1         85 %           Lens         1.6 menual zoom (throw ratio: 1.09-1.77:1), manual focus isens, F 1.60-2.12, 1 ft 5:30-24.64 mm           Digital Zoom Extender *4         Triow ratio 1.09-22:115 (Corresponding value. When used together with optical zoom.)           Lens shift   Vertical (from center of screen)         44 % .0 % (manual)           Lens shift   Horizontal (from center of screen)         420 % .20 % (manual)           Keystone Correction Range         Vertical: 225 **, Horizontal: 435 **           Terminals   HOMI 12 IN         HDMI 19 jan; x 2 (Compatible with HDCP; Deep Color, 4K/30p6 signal input), CEC supported           Terminals   Computer 1 In         0.400 15 jan (manual) x 1 (RoBAYPBPRY/CBCR)           Terminals   AUDIO 1,2 IN         M3 sterce mini-jack x 2           Terminals   Variable Audio Out         M3 sterce mini-jack x 1           Terminals   DiGITAL LINKLAN         RJ-45 x 1 for retwork and DiGITAL LINK connection (video/velavor/visital) control (HSB-223C complain)           Terminals   USB(VIEWER/WIRELESS/DC OUT)         USB connector (Type A) x 1 for Menory Viewer function, optional AJ-WMSG Series Wireless Module, power supply (IC s V, maximum 2 A??)           Power Consumption*3   On-mode power cons		
Content-foo-comer zone ratio**   Content-foo-comer zone zone zone ratio**   Content-foo-comer zone zone zone zone zone zone zone zone		, , ,
Conter-to-corner zone ratio**1         85 %           Lens         1.56 monual zoom (throw ratio* 1.09-1.77:1), manual focus lons, F 1.60-2.12, 1           Digital Zoom Extender *4         Throw mail 1.09-2.21:15 (Corresponding value. When used logether with optical zoom.)           Lens shift   Vertical (from center of screen)         +44 %, 0 % (manual)           Lens shift   Vertical (from center of screen)         +20 %, 20 % (manual)           Keystone Correction Range         Vertical +25 **, Horizontal +35 **           Terminals   HDMI 1.2 IN         HDMI 19-pin x 2 Compatible with HDCP, Deep Color, 4K/30p6 algral input), CEC supposed           Terminals   Computer 1 in         D-sub 15-pin (female) x 1 (RGBYPBPRY/CBCR)           Terminals   LADIO 1/2 IN         M3 steron mini-jack x 2           Terminals   Judio Out         M3 steron mini-jack x 2           Terminals   Serial in         D-sub 9-pin (female) x 1 for computer control (R5-222C compliant)           Terminals   DIGITAL LINK/LAN         M3 steron mini-jack x 2           Terminals   USB(VIEWER-WIRELESS-DC OUT)         M3 steron mini-jack x 2           Terminals   USB(VIEWER-WIRELESS-DC OUT)         Wireless Module, power usply (DC 5 V, maximum 2A 7)           Power consumption*B   On-mode power consumption (Light Power)(Normal)         200 Y (100-120 V), 255 W (200-240 V)           Power consumption*B   On-mode power consumption (Light Power)(Bernall         190 W (100-120 V), 185 W (200-240 V) <td>Contrast natio 1</td> <td></td>	Contrast natio 1	
Digital Zoom Extender '4   Single-24-64 mm   S	Screen Size (Diagonal)	0.76-7.62 m (30-300 in), 16:10 aspect ratio
15.30-24.64 mm     Digital Zoom Extender "4   Throw ratio 1.09-22.115 (Cornoposition Value. When used together with optical zoom.)     Can shift   Vertical (from center of screen)	Center-to-corner zone ratio*1	85 %
Corresponding value. When used together with optical zoom.)	Lens	
Lons shift   Horizontal (from center of screen)  Keystone Correction Range  Vertical: ±25 *, Horizontal: ±35 *  Terminals   HDMI 12 IN  HDMI 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p6 signal input), OEC supported by a signal input)  Terminals   Computer 2 in  Terminals   AUDIO 1/2 in  Terminals   Variable Audio Out  Terminals   Serial in  Terminals   DiGITAL LINK:LAN  Signal input)  Terminals   LINK (canned in video/network/serial control), OEG signal input)  Terminals   LINK (canned in video/network/serial control), OEG signal input)  Terminals   LINK (canned in video/network/serial control), OEG signal input)  Terminals   USB(VIEWER/WIRELESS/DC OUT)  USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless Module, power supply (DC 5 V. maximum 2 A*7)  Power supply  AC 100 V-240 V, 50 fiso Hz  Power consumption*8   On-mode power consumption  So SW (3.1-1.3 A) (310 VA) (Power consumption is 295 W at 200-240 V)  Power consumption*8   On-mode power consumption (Light Power) Normal  Power consumption*8   On-mode power consumption (Light Power) Oec 195 W (100-120 V), 185 W (200-240 V)  Power consumption*8   On-mode power consumption (Light Power) Oec 195 W (100-120 V), 185 W (200-240 V)  Power consumption*8   On-mode power consumption (Light Power) Oec 195 W (100-120 V), 185 W (200-240 V)  Power consumption*8   On-mode power consumption (Light Power) Oec 195 W (100-120 V), 185 W (200-240 V)  Power consumption*8   On-mode power consumption (Light Power) Oec 195 W (100-120 V), 185 W (200-240 V)  Power consumption*8   On-mode power consumption (Light Power) Oec 195 W (100-120 V), 185 W (200-240 V)  Power consu	Digital Zoom Extender *4	
Keystone Correction Range         Vertical: ±25 *, Horizontal: ±35 *           Terminals   HDMI 1/2 IN         HDMI 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p6 signal input), CEC supported           Terminals   Computer 1 In         D-sub 15-pin (female) x 1 (RGBLYPBPR/YCBCR)           Terminals   Computer 2 In         D-sub 15-pin (female) x 1 (RGBLYPBPR/YCBCR)           Terminals   AUDIO 1/2 IN         M3 stereo mini-jack x 2           Terminals   Serial In         D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)           Terminals   DIGITAL LINK/LAN         RJ-45 x 1 for network and DIGITAL LINK connection (video/inetwork/serial control) (HDBaseTTM compliant), 100Base-TX (Compatible with PJLInk™ (Class 2), HDCP, Deep Color, 4K/30p6 signal input)           Terminals   LAN         RJ-45 x 1 for network control, 10Base-TX (Compatible with PJLInk™ (Class 2)           Terminals   USB(VIEWER/WIRELESS/DC OUT)         USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless Module, power supply (DC 5 V. maximum 2 A*7)           Power Supply         AC 100 V-240 V, 50/60 Hz           Power consumption*8   Maximum power consumption (Light Power)[Normal]         270 W (100-120 V), 255 W (200-240 V)           Power consumption*8   On-mode power consumption (Light Power)[Normal]         190 W (100-120 V), 180 W (200-240 V)           Power consumption*8   On-mode power consumption (Light Power)[Normal]         190 W (100-120 V), 180 W (200-240 V)           Power consumption*8   On-mode power co	Lens shift   Vertical (from center of screen)	+44 %, 0 % (manual)
Terminals   HDMI 1/2 IN    HDMI 19-pin x 2 (Compatible with HDDCP, Deep Color, 4K/30p6 signal input), CEC supported  Terminals   Computer 1 In    D-sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR)  Terminals   AUDIO 1/2 IN    M3 stereo mini-jack x 2  Terminals   Variable Audio Out  Terminals   Serial In    D-sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR)  Terminals   DIGITAL LINK/LAN    Serial In    D-sub 15-pin (female) x 1 for computer control (RS-232C compliant)  Terminals   DIGITAL LINK/LAN    RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseT™ complian), 100Base-TX (Compatible with PJLink/™ (Class 2), HDCP, Deep Color, 4K/30p° signal input), 100Base-TX, Compatible with PJLink/™ (Class 2), HDCP, Deep Color, 4K/30p° signal input)  Terminals   LAN    RJ-45 x 1 for network control, 10Base-TX, Compatible with PJLink/™ (Class 2), HDCP, Deep Color, 4K/30p° signal input)  Terminals   USB(VIEWER/WIRELESS/DC OUT)    USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless Module, power supply (DC 5 V, maximum 2 A*7 )  Power consumption*3   Maximum power consumption   Micro Memory Viewer function, optional AJ-WM50 Series Wireless Module, power supply (DC 5 V, maximum 2 A*7 )  Power consumption*6   On-mode power consumption (Light Power)(Normal)   270 W (100-120 V), 255 W (200-240 V)  Power consumption*8   On-mode power consumption (Light Power)(Eco)   195 W (100-120 V), 185 W (200-240 V)  Power consumption*8   On-mode power consumption (Light Power)(Quiet)   190 W (100-120 V), 180 W (200-240 V)  Filter*9   Included (Estimated maintenance time: approx. 20,000 hours)  Built in Speaker   10 W monaural  Cabinet Materials   Moleded plastic   Mole	Lens shift   Horizontal (from center of screen)	+20 %, -20 % (manual)
Terminals   Computer 1 In  Terminals   Computer 2 In  Terminals   AUDIO 1/2 IN  Terminals   Variable Audio Out  Terminals   Serial In  Terminals   Serial In  Terminals   DIGITAL LINK/LAN  Terminals   DIGITAL LINK/LAN  Terminals   LINK   Computer 2 In  Terminals   USB(VIEWER/WIRELESS/DC OUT)  Terminals   USB(VIEWER/WIRELES	Keystone Correction Range	Vertical: ±25 °, Horizontal: ±35 °
Terminals   Computer 2 in  Terminals   AUDIO 1/2 iN  Terminals   Variable Audio Out  Terminals   Serial In  Desub 9-pin (female) x 1 for computer control (RS-232C compliant)  Terminals   DiGiTAL LINK/LAN  Terminals   DiGiTAL LINK/LAN  Terminals   DiGiTAL LINK/LAN  Terminals   LAN  Terminals   LAN  Terminals   LAN  Terminals   USB(VIEWER/WIRELESS/DC OUT)  Terminal	Terminals   HDMI 1/2 IN	
Terminals   AUDIO 1/2 IN  M3 stereo mini-jack x 2  Terminals   Variable Audio Out  Terminals   Serial In  D-sub 9-pin (female) x 1 for computer control (RS-232C compilant)  Terminals   DIGITAL LINK/LAN  RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseT™ compilant), 100Base-TX (Compatible with PJLink™ (Class 2], HDCP, Deep Color, 4K/30p 6 signal input)  Terminals   LAN  RJ-45 x 1 for network control, 10Base-TX, compatible with PJLink™ (Class 2], HDCP, Deep Color, 4K/30p 6 signal input)  Terminals   USB(VIEWER/WIRELESS/DC OUT)  USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless Module, power supply (DC 5 V, maximum 2 A*7 7)  Power Supply  AC 100 V-240 V, 50/60 Hz  Power consumption*8   Maximum power consumption  305 W (3.1-1.3 A) (310 VA) (Power consumption is 295 W at 200-240 V)  Power consumption*8   On-mode power consumption (Light Power)[Normal]  270 W (100-120 V), 255 W (200-240 V)  Power consumption*9   On-mode power consumption (Light Power)[Quiet]  Filter*9  Included (Estimated maintenance time: approx. 20,000 hours)  Built in Speaker  10 W monaural  Cabinet Materials  Molded plastic  Operation noise*1  Molded plastic  Operation noise*1  Molded plastic  Operation noise*1  Dimensions (W x H x D)  Operating Environment  Operating Environment  Operating Instructure: 0-45 °C (32-113 °F)*11,*12, Operating humidity: 20-80 % (no condensation)	Terminals   Computer 1 In	D-sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR)
Terminals   Variable Audio Out  Terminals   Serial In  Deub 9-pin (female) x 1 for computer control (RS-232C compliant)  Terminals   DIGITAL LINK/LAN  RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseTTM compliant), 100Base-TX (Compatible with PJLinkTM [Class 2], HDCP, Deep Color, 4fx/30p f6 signal input)  Terminals   LAN  Terminals   USB(VIEWER/WIRELESS/DC OUT)  USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless Module, power supply (DC 5 V, maximum 2 A*7')  Power Supply  AC 100 V-240 V, 50/60 Hz  Power consumption*8   Maximum power consumption  305 W (3.1-1.3 A) (310 VA) (Power consumption is 295 W at 200-240 V)  Power consumption*8   On-mode power consumption (Light Power)[Normal]  Power consumption*8   On-mode power consumption (Light Power)[Col]  Power consumption*8   On-mode power consumption (Lig	Terminals   Computer 2 In	D-sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR)
Terminals   Serial In  D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)  Terminals   DIGITAL LINK/LAN  RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBase-TM compliant), 100Base-TX (Compatible with PJLinkTM [Class 2], HDCP, Deep Color, 4K/30p°6 signal input)  Terminals   LAN  RJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PJLinkTM [Class 2], HDCP, Deep Color, 4K/30p°6 signal input)  Terminals   USB(VIEWER/WIRELESS/DC OUT)  USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless Module, power supply (DC 5 V, maximum 2 A*7 )  Power Supply  AC 100 V-240 V, 50/60 Hz  Power consumption*8   Maximum power consumption  305 W (3.1-1.3 A) (310 VA) (Power consumption is 295 W at 200-240 V)  Power consumption*8   On-mode power consumption (Light Power)[Normal]  270 W (100-120 V), 185 W (200-240 V)  Power consumption*8   On-mode power consumption (Light Power)[Quiet]  Filter*9  Included (Estimated maintenance time: approx. 20,000 hours)  Built in Speaker  Cabinet Materials  Molded plastic  Operation noise*1  Dimensions (W x H x D)  Operating Environment  Operating Environment  Operating Environment  Operating Environment  Operating Environment  Operating Environment	Terminals   AUDIO 1/2 IN	M3 stereo mini-jack x 2
Terminals   DIGITAL LINK/LAN  RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseT™ compliant), 100Base-TX (Compatible with PJLink™ [Class 2], HDCP, Deep Color, 4K/30p*6 signal input)  Terminals   LAN  RJ-45 x 1 for network control, 10Base-TX, compatible with PJLink™ [Class 2], HDCP, Deep Color, 4K/30p*6 signal input)  Terminals   USB(VIEWER/WIRELESS/DC OUT)  USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless Module, power supply (DC 5 V, maximum 2 A*7)  Power Supply  AC 100 V-240 V, 50/60 Hz  Power consumption*8   Maximum power consumption  305 W (3.1-1.3 A) (310 VA) (Power consumption is 295 W at 200-240 V)  Power consumption*8   On-mode power consumption (Light Power)[Roord]  270 W (100-120 V), 255 W (200-240 V)  Power consumption*8   On-mode power consumption (Light Power)[Guiet]  195 W (100-120 V), 185 W (200-240 V)  Power consumption*8   On-mode power consumption (Light Power)[Quiet]  190 W (100-120 V), 180 W (200-240 V)  Filter*9  Included (Estimated maintenance time: approx. 20,000 hours)  Built in Speaker  10 W monaural  Cabinet Materials  Molded plastic  Operation noise*1  36 dB (NORMAL/ECO), 26 dB (QUIET)  399 mm x 115 mm x 348 mm (15 23/32* x 4 17/32* x 13 11/16*) (not including partis) 399 mm x 133 mm x 348 mm (15 23/32* x 5 1/4* x 13 11/16*) (with feet at shortest position)  Operating Environment  Operating Environment  Operating Imperature: 0-45 °C (32-113 °F)*11,*12, Operating humidity: 20-80 % (no condensation)	Terminals   Variable Audio Out	M3 stereo mini-jack x 1
(HDBaseT™ compliant), 100Base-TX (Compatible with PJLink™ [Class 2], HDCP, Deep Color, 4K/30p°6 signal input)         Terminals   LAN       RJ-45 x 1 for network control, 10Base-TX, 100Base-TX, compatible with PJLink™ [Class 2]         Terminals   USB(VIEWER/WIRELESS/DC OUT)       USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless Module, power supply (DC 5 V, maximum 2 A*7)         Power Supply       AC 100 V-240 V, 50/60 Hz         Power consumption*8   Maximum power consumption       305 W (3.1-1.3 A) (310 VA) (Power consumption is 295 W at 200-240 V)         Power consumption*8   On-mode power consumption (Light Power)[Normal]       270 W (100-120 V), 255 W (200-240 V)         Power consumption*8   On-mode power consumption (Light Power)[Cool]       195 W (100-120 V), 185 W (200-240 V)         Power consumption*8   On-mode power consumption (Light Power)[Quiet]       190 W (100-120 V), 180 W (200-240 V)         Filter*9       Included (Estimated maintenance time: approx. 20,000 hours)         Built in Speaker       10 W monaural         Cabinet Materials       Molded plastic         Operation noise*1       36 dB (NORMAL/ECO), 26 dB (QUIET)         Dimensions (W x H x D)       399 mm x 115 mm x 348 mm (15 23/32* x 4 17/32* x 13 11/16*) (not including protruding parts) 399 mm x 133 mm x 348 mm (15 23/32* x 5 1/4* x 13 11/16*) (with feet at shortest position)         Operating Environment       Operating temperature: 0-45 °C (32-113 °F)*11,*12 , Operating humidity: 20-80 % (no condens	Terminals   Serial In	D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)
Terminals   USB(VIEWER/WIRELESS/DC OUT)  USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless Module, power supply (DC 5 V, maximum 2 A*7)  Power Supply  AC 100 V-240 V, 50/60 Hz  Power consumption*8   Maximum power consumption  305 W (3.1-1.3 A) (310 VA) (Power consumption is 295 W at 200-240 V)  Power consumption*8   On-mode power consumption (Light Power)[Normal]  Power consumption*8   On-mode power consumption (Light Power)[Eco]  Power consumption*8   On-mode power consumption (Light Power)[Quiet]  Filter*9  Included (Estimated maintenance time: approx. 20,000 hours)  Built in Speaker  10 W monaural  Cabinet Materials  Molded plastic  Operation noise*1  36 dB (NORMAL/ECO), 26 dB (QUIET)  Dimensions (W x H x D)  399 mm x 115 mm x 348 mm (15 23/32" x 4 17/32" x 13 11/16") (not including protruding parts) 399 mm x 133 mm x 348 mm (15 23/32" x 5 1/4" x 13 11/16") (with feet at shortest position)  Operating Environment  Operating Environment  Operating temperature: 0-45 °C (32-113 °F)*11,*12 , Operating humidity: 20-80 % (no condensation)	Terminals   DIGITAL LINK/LAN	(HDBaseT™ compliant), 100Base-TX (Compatible with PJLink™ [Class 2], HDCP,
Power Supply AC 100 V-240 V, 50/60 Hz  Power consumption*8   Maximum power consumption Bower consumption*8   On-mode power consumption (Light Power)[Normal] Power consumption*8   On-mode power consumption (Light Power)[Normal] Power consumption*8   On-mode power consumption (Light Power)[Normal] Power consumption*8   On-mode power consumption (Light Power)[Eco] Power consumption*8   On-mode power consumption (Light Power)[Eco] Power consumption*8   On-mode power consumption (Light Power)[Quiet] Power consumption*8   On-mode power consumption (Light Power)[Normode powe	Terminals   LAN	
Power consumption*8   Maximum power consumption  305 W (3.1-1.3 A) (310 VA) (Power consumption is 295 W at 200-240 V)  Power consumption*8   On-mode power consumption (Light Power)[Normal]  Power consumption*8   On-mode power consumption (Light Power)[Eco]  Power consumption*8   On-mode power consumption (Light Power)[Quiet]  Power consumption*9   On-mode power co	Terminals   USB(VIEWER/WIRELESS/DC OUT)	, , , , , , , , , , , , , , , , , , , ,
Power consumption*8   On-mode power consumption (Light Power)[Normal] 270 W (100-120 V), 255 W (200-240 V)  Power consumption*8   On-mode power consumption (Light Power)[Eco] 195 W (100-120 V), 185 W (200-240 V)  Power consumption*8   On-mode power consumption (Light Power)[Quiet] 190 W (100-120 V), 180 W (200-240 V)  Filter*9 Included (Estimated maintenance time: approx. 20,000 hours)  Built in Speaker 10 W monaural  Cabinet Materials Molded plastic  Operation noise*1 36 dB (NORMAL/ECO), 26 dB (QUIET)  Dimensions (W x H x D) 399 mm x 115 mm x 348 mm (15 23/32" x 4 17/32" x 13 11/16") (not including protruding parts) 399 mm x 133 mm x 348 mm (15 23/32" x 5 1/4" x 13 11/16") (with feet at shortest position)  Operating Environment Operating temperature: 0-45 °C (32-113 °F)*11,*12, Operating humidity: 20-80 % (no condensation)	Power Supply	AC 100 V-240 V, 50/60 Hz
Power consumption*8   On-mode power consumption (Light Power)[Eco]  195 W (100-120 V), 185 W (200-240 V)  Power consumption*8   On-mode power consumption (Light Power)[Quiet]  190 W (100-120 V), 180 W (200-240 V)  Included (Estimated maintenance time: approx. 20,000 hours)  Built in Speaker  10 W monaural  Cabinet Materials  Molded plastic  Operation noise*1  36 dB (NORMAL/ECO), 26 dB (QUIET)  Dimensions (W x H x D)  399 mm x 115 mm x 348 mm (15 23/32" x 4 17/32" x 13 11/16") (not including protruding parts) 399 mm x 133 mm x 348 mm (15 23/32" x 5 1/4" x 13 11/16") (with feet at shortest position)  Operating Environment  Operating temperature: 0-45 °C (32-113 °F)*11,*12, Operating humidity: 20-80 % (no condensation)	Power consumption*8   Maximum power consumption	305 W (3.1-1.3 A) (310 VA) (Power consumption is 295 W at 200-240 V)
Power consumption*8   On-mode power consumption (Light Power)[Quiet]  Filter*9  Included (Estimated maintenance time: approx. 20,000 hours)  Built in Speaker  10 W monaural  Cabinet Materials  Molded plastic  Operation noise*1  36 dB (NORMAL/ECO), 26 dB (QUIET)  Dimensions (W x H x D)  399 mm x 115 mm x 348 mm (15 23/32" x 4 17/32" x 13 11/16") (not including protruding parts) 399 mm x 133 mm x 348 mm (15 23/32" x 5 1/4" x 13 11/16") (with feet at shortest position)  Operating Environment  Operating temperature: 0-45 °C (32-113 °F)*11,*12, Operating humidity: 20-80 % (no condensation)	Power consumption*8   On-mode power consumption (Light Power)[Normal]	270 W (100–120 V), 255 W (200–240 V)
Filter*9  Included (Estimated maintenance time: approx. 20,000 hours)  Built in Speaker  10 W monaural  Cabinet Materials  Molded plastic  Operation noise*1  36 dB (NORMAL/ECO), 26 dB (QUIET)  Dimensions (W x H x D)  399 mm x 115 mm x 348 mm (15 23/32" x 4 17/32" x 13 11/16") (not including protruding parts) 399 mm x 133 mm x 348 mm (15 23/32" x 5 1/4" x 13 11/16") (with feet at shortest position)  Operating Environment  Operating temperature: 0-45 °C (32-113 °F)*11,*12, Operating humidity: 20-80 % (no condensation)	Power consumption*8   On-mode power consumption (Light Power)[Eco]	195 W (100–120 V), 185 W (200–240 V)
Built in Speaker  10 W monaural  Molded plastic  Operation noise*1  36 dB (NORMAL/ECO), 26 dB (QUIET)  Dimensions (W x H x D)  399 mm x 115 mm x 348 mm (15 23/32" x 4 17/32" x 13 11/16") (not including protruding parts) 399 mm x 133 mm x 348 mm (15 23/32" x 5 1/4" x 13 11/16") (with feet at shortest position)  Operating Environment  Operating temperature: 0-45 °C (32-113 °F)*11,*12, Operating humidity: 20-80 % (no condensation)	Power consumption*8   On-mode power consumption (Light Power)[Quiet]	190 W (100–120 V), 180 W (200–240 V)
Cabinet Materials  Molded plastic  Operation noise*1  36 dB (NORMAL/ECO), 26 dB (QUIET)  Dimensions (W x H x D)  399 mm x 115 mm x 348 mm (15 23/32" x 4 17/32" x 13 11/16") (not including protruding parts) 399 mm x 133 mm x 348 mm (15 23/32" x 5 1/4" x 13 11/16") (with feet at shortest position)  Operating Environment  Operating temperature: 0-45 °C (32-113 °F)*11,*12, Operating humidity: 20-80 % (no condensation)	Filter*9	Included (Estimated maintenance time: approx. 20,000 hours)
Operation noise*1  36 dB (NORMAL/ECO), 26 dB (QUIET)  Dimensions (W x H x D)  399 mm x 115 mm x 348 mm (15 23/32" x 4 17/32" x 13 11/16") (not including protruding parts) 399 mm x 133 mm x 348 mm (15 23/32" x 5 1/4" x 13 11/16") (with feet at shortest position)  Operating Environment  Operating temperature: 0-45 °C (32-113 °F)*11,*12, Operating humidity: 20-80 % (no condensation)	Built in Speaker	10 W monaural
Dimensions (W x H x D)       399 mm x 115 mm x 348 mm (15 23/32" x 4 17/32" x 13 11/16") (not including protruding parts) 399 mm x 133 mm x 348 mm (15 23/32" x 5 1/4" x 13 11/16") (with feet at shortest position)         Operating Environment       Operating temperature: 0-45 °C (32-113 °F)*11,*12, Operating humidity: 20-80 % (no condensation)	Cabinet Materials	Molded plastic
protruding parts) 399 mm x 133 mm x 348 mm (15 23/32" x 5 1/4" x 13 11/16") (with feet at shortest position)  Operating Environment  Operating temperature: 0-45 °C (32-113 °F)*11,*12, Operating humidity: 20-80 % (no condensation)	Operation noise*1	36 dB (NORMAL/ECO), 26 dB (QUIET)
(no condensation)	Dimensions (W x H x D)	protruding parts) 399 mm x 133 mm x 348 mm (15 23/32" x 5 1/4" x 13 11/16") (with
Weight with supplied lens*10 Approx. 6.5 kg (14.33 lbs)	Operating Environment	
	Weight with supplied lens*10	Approx. 6.5 kg (14.33 lbs)



Applicable Software	Multi Monitoring & Control Software, Logo Transfer Software, Presenter Light Software for Windows®*13, Wireless Projector App for iOS/Android <sup>TM*</sup> 14
Note	Note: Availability varies by country or region. *1 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped. *2 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]. *3 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. *4 Resolution decreases when using this function. 6-Point Screen Correction, V/H Keystone Correction, and curved-screen correction are not available when using this function, and range of corner adjustment is limited. *5 When Digital Zoom Extender is set to 80%. *6 4K signals are converted to the projector's resolution upon projection. *7 On standby, power supply is available with Quick Startup set to ON or Power Management set to Ready. *8 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). *9 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). *10 Average value. May differ depending on the actual unit. *11 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. *12 When optional AJ-WM50 Series wireless module is attached, operating temperature range becomes 0–40 °C (32–104 °F). *13 When using Presenter Light Software, images are projected with 1280 x 800 do

URL: https://business.panasonic.pl/systemy-wizualne/pt-vmz51

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