Panasonic CONNECT



New LCD Laser Projectors Deliver Well-Balanced Color and Brightness with Seamless Integration into Corporate, Education, and Museum Environments

PT-MZ680

The Series features PT-MZ880 (8,000 lm), PT-MZ780 (7,000 lm), and PT-MZ680 (6,000 lm) WUXGA models with a refined Multi-Laser Drive Engine for the optimal balance of high brightness, vivid colour, and low-maintenance operation. *1 Measurement, measuring conditions, and method of notation are all compliant with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped.

Key Features

Laser LCD, 6 000 lumens, WUXGA

Compact and lightweight body, designed with ultra-low noise operation (26dB)

Wide Lens shift area and Ultra-Short Throw lens to expand installation capability

Edge Blending function to realize versatile space creation

Significant contribution to sustainability thanks to low Power consumption and Washable Eco Filter

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PT-MZ680

https://ap.connect.panasonic.com/vn/vi/products/projectors/pt-mz680

Filter	Included
Cabinet materials	Molded plastic
Quiet	
on-mode power consumption(Operating mode) -	
Eco On-mode power	[QUIET] 238 W (100-120 V), 228 W (200-240 V)
consumption(Operating mode) -	>
On-mode power	[ECO] 240 W (100–120 V), 230 W (200–240 V)
Normal	
consumption(Operating mode) -	
On-mode power consumption	360 W (4.2-2.0 A) (395VA)(Power consumption is 345 W at 200-240 V) [NORMAL] 330 W (100-120 V), 315 W (200-240 V)
Power supply Maximum power consumption	AC 100-240 V, 50/60 Hz
Terminals -> DC OUT	USB Connector (Type A) x 1 (Output 5 V/2 A)
	Art-Net)
Terminals -> LAN	RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PJLink TM [Class 2],
LAN	compliant), 100Base-TX (Compatible with PJLink TM [Class 2], Art-Net, HDCP 2.3, Deep Color, 4K/60p*5 *6 signal input)
Terminals -> DIGITAL LINK IN /	RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseT TM
Terminals -> REMOTE 2 IN	D-sub 9-pin (female) x 1 for external control (parallel)
Terminals -> REMOTE 1 IN	M3 stereo mini-jack x 1 for wired remote control
PROJECTOR SYNC OUT	The state of the s
PROJECTOR SYNC IN Terminals -> SERIAL/MULTI-	D-sub 9-pin (female) x 1 for external control/link control (RS-232C compliant)
Terminals -> SERIAL/MULTI-	D-sub 9-pin (female) x 1 for external control/link control (RS-232C compliant)
Terminals -> SERIAL IN	D-sub 9-pin (female) x 1 for external control/link control (RS-232C compliant)
SYNC OUT	5 305 5 partitionery a rot interested
SYNC IN Terminals -> MIII TI PROIECTOR	D-sub 9-pin (male) x 1 for link control
• •	D-sub 9-pin (female) x 1 for external control/link control (RS-232C compliant)
Terminals -> AUDIO OUT(M3 Stereo Mini Jack)	M3 stereo mini-jack x 1
Stereo Mini Jack)	No
Terminals -> AUDIO IN(M3	M3 stereo mini-jack x 1
Ferminals -> COMPUTER OUT(D SUB 15pin)	- D-sub HD 15-pin (female) x 1(RGB/YP _B P _R /YC _B C _R)
SUB 15pin)	D. D. Gulb LID 1.F. min (formula) v. 1/DCDAVD D. AVC. C. V
Terminals -> COMPUTER IN (D-	D-sub HD 15-pin (female) x 1 (RGB/YP _B P _R /YC _B C _R)
Terminals -> HDMI [™] IN	HDMI TM x 3 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input*5), CEC supported
Installation	Ceiling/floor, front/rear, free 360-degree installation
center of screen) Keystone correction range	Vertical: ±25 °, Horizontal: ±30 ° (for supplied lens; optional lenses also available*4)
Lens shift -> Horizontal(from	±35 % (powered) (for supplied lens; optional lenses also available*4)
of screen)	
Lens shift -> Vertical(from cente	r±67 % (powered) (for supplied lens; optional lenses also available*4)
Lens	Powered zoom (throw ratio 1.61–2.76:1), powered focus F = 1.7–2.3, f = 26.8–45.5 mm (for supplied lens; optional lenses also available)
Center-to-corner zone ratio	85% Powered zoom (throw ratio 1.61. 2.76:1) powered focus F = 1.7. 2.2 f = 26.8. 45.5 mm (for
	400 in) with the ET-ELU20, 16:10 aspect ratio
Screen size (diagonal)	CONTRAST] is set to [1] or [2]. HDMI signal input) 1.02–10.16 m (40–400 in), 1.52–10.16 m (60–400 in) with the ET-ELW22, 2.54–10.16 m (100–
Contrast Ratio (typ.)	3,000,000:1 (Full On/Full Off)(When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC
Resolution	WUXGA (1920 x1200 ドット)
50 % -> QUIET	2 20,000 Hours [QOILT]
50 % -> ECO Fime until light output declines to	20 000 hours [OUIFT]
Time until light output declines to	24,000 hours [ECO]
Fime until light output declines to 50 % -> NORMAL	3 ZU,UUU HUUI'S [NUKMAL]
Light output (ANSI)	6,000 lm
Light output	6,000 lm
Light source	Laser diodes
Display Device -> Number of pixels	2,304,000 (1920 x 1200) pixels x 3
Display Device -> Drive method	
	1313 mm (dir dir diagonar (1011 diapocertatio)
Display method Display Device -> Panel size	Transparent LCD panel (x 3, R/G/B) 19.3 mm (0.76") diagonal (16:10 aspect ratio)

Estimated filter maintenance	Approx. 20,000 hours
cycle	
Operation noise -> Normal	32 dB [NORMAL]
Operation noise -> Eco	32 dB [ECO]
Operation noise -> Quiet	26 dB [QUIET]
Dimensions (W x H x D)	561 x 224*8 x 439 mm (22 3/32" x 8 13/16"*8 x 17 9/32") (with supplied lens)
Dimensions -> Width (including	561 mm (22 3/32")
protruding parts)	
Dimensions -> Height (including	224 mm (8 13/16")
protruding parts)	
Dimensions -> Depth (including	439 mm (17 9/32")
lens)	
Weight	Approx. 17.6 kg (38.8 lbs) (with supplied lens)
Operating environment ->	0-45 °C (32-113 °F)
Operating temperature	
Operating Environment ->	20–80 % (no condensation)
Operating humidity (No	
condensation)	
Applicable software	Logo Transfer Software, Multi Monitoring & Control Software, Early Warning Software, Smart
	Projector Control for iOS/Android TM , Geometry Manager Pro
Footnote Description	1. When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL].
	2. Measurement, measuring conditions, and method of notation all comply with ISO/IE
	21118: 2020 international standards. Value is the average of all products when
	shipped.

- 3. 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]). Estimated time until light output declines to 50 % varies depending on environment.
- 5. Lens-shift range and keystone correction range may vary depending on lens.
- $6.\,4\text{K}$ signals are converted to the projector's resolution (1920 x 1200 pixels) upon
- 7. YPBPR 4:2:0 format only for 4K/60p signals input via DIGITAL LINK.
- 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. With legs at shortest position.
- 10. Average value. May differ depending on the actual unit.
- 11. Note that the projector cannot be used at altitudes 2,700 m (8,858 ft) or higher above sea level. In the following operating environments, light output may be reduced to protect the projector: when the projector is used at altitudes below 700 m (2,297 ft) and ambient temperature is 36 °C (97 °F) or higher; when the projector is used at altitudes between 700 m (2,297 ft) and 1,400 m (4,593 ft) exclusive and ambient temperature is 34 °C (93 °F) or higher; when the projector is used at altitudes between 1,400 m (4,593 ft) and 2,100 m (6,890 ft) exclusive and ambient temperature is 32 $^{\circ}\text{C}$ (90 °F) or higher; and when the projector is used at altitudes between 2,100 m (6,890 $\,$ ft) and 2,700 m (8,858 ft) exclusive and ambient temperature is 30 °C (86 °F) or higher.
- 12. Some functions available in Geo Pro software are not supported by the PT-MZ880

Body Colour	Black/White
Gross Dimensions (W \mathbf{x} H \mathbf{x} D in	MZ680WU/MZ680WEJ/MZ680BU/MZ680BEJ/MZ680WUY/MZ680BUY: 756 x 545 x 348 mm
mm)	MZ680W/MZ680B/MZ680WU7/MZ680BU7: 746 x 535 x 332 mm
Gross Weight (Kg)	MZ680WEJ/MZ680BEJ: 23.9 kg(52.6 lbs)
	MZ680WU/MZ680BU: 23.4 kg(51.5 lbs)
	MZ680WUY/MZ680BUY: 23.0 kg(50.8 lbs)
	MZ680W/MZ680B: 22.4 kg(49.4 lbs)
	MZ680WU7/MZ680BU7: 21.6 kg(47.6 lbs)
NFC	https://docs.connect.panasonic.com/projector/products/smartpjcontrol/regional.html#regional
EAN	MZ680WEJ:5025232916207
	MZ680BEJ:5025232916221
	MZ680W:5025232916214
	MZ680B:5025232916238