Panasonic CONNECT

PT-MZ682

PT-MZ882(8,200 lm11), PT-MZ782(7,500 lm11), PT-MZ682(6,500 lm) WUXGA , Multi-Laser Drive Engine , . *1 , , ISO/IEC 21118: 2020 . .

Key Features

UX

Geo.Pro

SOLID SHINE LASER

4K PROFESSIONAL

24/7 Operation

360°

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https://ap.pnd.panasonic.com/id/ko/pt-mz682

Projector type	LCD projector
Display method	Transparent LCD panel (x 3, R/G/B)
Display Device -> Panel size	19.3 mm (0.76 in) diagonal (16:10 aspect ratio)
Display Device -> Drive method	Active matrix method
Display Device -> Number of pixels	2,304,000 (1920 x 1200 pixels)
Light source	Laser diodes
Light output *1 *2 *3	6,500 lm
Light output (ANSI) *1 *2 *4	6,500 lm
Time until light output declines to 50 % -> NORMAL *6	20,000 [NORMAL]
Time until light output declines to 50 % -> ECO *6	24,000 [ECO]
Time until light output declines to 50 % -> QUIET *5	20,000 hours [QUIET]
Resolution	WUXGA (1920 x 1200 pixels)
Contrast Ratio (typ.) *3	3,000,000:1 (Full On/Full Off)(When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1] or [2]. HDMI™)
Screen size (diagonal)	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 (100–400 in) with the ET-ELU20, 16:10 aspect ratio
Center-to-corner zone ratio *3	85%
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)
Lens shift -> Vertical(from center of screen)	±67 % (powered), ±60 % (with ET-ELW22), ±50 % (with ET-ELU20) (TBD)
Lens shift -> Horizontal(from center of screen)	±35 % (powered), ±30 % (with ET-ELW22), ±24 % (with ET-ELU20) (TBD)
Keystone correction range	Vertical: ±25 ° (±22 ° with ET-ELW21/ET-ELW22); (±25 ° with ET-ELW20/ET-ELT22/ET-ELT23); (±5 ° with ET-ELU20), Horizontal: ±30 ° (±15 ° with ET-ELW21/ET-ELW22); (±30 ° with ET-ELW20/ET-ELT22/ET-ELT23); (0 ° with ET-ELU20)
Installation	/ , / , 360
Terminals -> HDMI™ IN	HDMI™ x 3 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input*4), CEC supported
Terminals -> COMPUTER IN (D-SUB 15pin)	D- HD 15 (female) x 1 (RGB/YP_{BP}/YC_BC_R)
Terminals -> COMPUTER OUT (D-SUB 15pin)	D- HD 15 (female) x 1 (RGB/YP_{BP}/YC_BC_R)
Terminals -> AUDIO IN(M3 Stereo Mini Jack)	M3 stereo mini-jack x 1
Terminals -> AUDIO OUT(M3 Stereo Mini Jack)	M3 stereo mini-jack x 1
Terminals -> MULTI PROJECTOR SYNC IN	D-sub 9-pin (female) x 1 for external control/link control (RS-232C compliant)
Terminals -> MULTI PROJECTOR SYNC OUT	D-sub 9-pin (male) x 1 for link control
Terminals -> SERIAL IN	D-sub 9-pin (female) x 1 for external control/link control (RS-232C compliant)
Terminals -> SERIAL/MULTI-PROJECTOR SYNC IN	D-sub 9-pin (female) x 1 for external control/link control (RS-232C compliant)
Terminals -> SERIAL/MULTI-PROJECTOR SYNC OUT	D-sub 9-pin (female) x 1 for external control/link control (RS-232C compliant)
Terminals -> REMOTE 1 IN	M3 stereo mini-jack x 1 for wired remote control
Terminals -> REMOTE 2 IN	D-sub 9-pin (female) x 1 for external control (parallel)
Terminals -> DIGITAL LINK IN / LAN	RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseT™ compliant), 100Base-TX (Compatible with PJLink™ [Class 2],Art-Net, HDCP 2.3, Deep Color, 4K/60p*4 *5 signal input)
Terminals -> LAN	RJ-45 x 1 , 10Base-T, 100Base-TX (PJLink™ [Class 2], Art-Net)
Terminals -> DC OUT	USB Type A x 1 (for power supply, DC 5 V, 2 A)
Power supply	AC 100–240 V, 50 Hz/60 Hz
Maximum power consumption *9	360 W (4.2–2.0 A) (395 VA)(Power consumption is 345 W at AC 200–240 V) (TBD)
On-mode power consumption(Operating mode) -> Normal *9 *9 *10	[NORMAL] 330 W (AC 100–120 V), 315W (AC 200–240 V) (TBD)
On-mode power consumption(Operating mode) -> Eco *9 *9 *10	[ECO] 240 W (AC 100–120 V), 230 W (AC 200–240 V) (TBD)
On-mode power consumption(Operating mode) -> Quiet *13 *14	[QUIET] 238 W (AC 100–120 V), 228 W (AC 200–240 V) (TBD)
Cabinet materials	Molded plastic
Filter	Included
Estimated filter maintenance cycle	20,000
Operation noise -> Normal *3	32 dB [NORMAL]
Operation noise -> Eco *3	32 dB [ECO]
Operation noise -> Quiet	25 dB [QUIET]
Body Colour	PT-MZ682BEJ-BlackPT-MZ682B-BlackPT-MZ682WEJ-WhitePT-MZ682W-WhitePT-MZ682WD8-White

Dimensions (W x H x D)	561 × 224 × 439 mm (22 3/32″ × 8 13/16″ × 17 9/32″) (,)
Dimensions -> Width (including protruding parts)	561 mm (22 3/32″)
Dimensions -> Height (including protruding parts)	224 mm (8 13/16″)
Dimensions -> Depth (including lens)	439 mm (17 9/32″)
Gross Dimensions (W x H x D in mm)	MZ682WEJ/MZ682BEJ/MZ682WU7/MZ682BU7: 756 x 545 x 348 mm MZ682W/MZ682B: 746 x 535 x 332 mm
Weight *11	Approx. 17.6 kg (38.8 lbs) ( )
Gross Weight (Kg)	MZ682WEJ/MZ682BEJ: 23.5 kg (51.8 lbs) MZ682W/MZ682B: 22.0 kg (48.6 lbs)
Operating environment -> Operating temperature *12	0–45 °C (32–113 °F)
Operating Environment -> Operating humidity (No condensation)	10–80 % (no condensation)
Applicable software	, , ,iOS/Android™ , Geometry Manager Pro*9
NFC	No
EAN	MZ682WEJ: 5025232964000 MZ682BEJ: 5025232964055 MZ682W: 5025232964017 MZ682B: 5025232964062
Terminals -> SDI IN	—
Terminals -> DVI-D IN	—
Terminals -> DisplayPort™ IN	—
Active 3D	No
SDM	No
Light output (Center) *1 *2 *5	6,800 lm*4
Footnote Description	1. [PICTURE MODE]가 [DYNAMIC] [LIGHT POWER]가 [NORMAL] . 2. , , ISO/IEC 21118: 2020 . . 3. , , (American National Standards Institute) . . 4. 50% . ([PICTURE MODE]: [DYNAMIC], [DYNAMIC CONTRAST] [2]). 50 % . 5. 4K (1920 x 1200 pixels) . 6. YP_BP_R 4K/60p 4K/50p 4:2:0 . 7. , , ISO/IEC 21118: 2020 . ON 25 °C(77 °F), 700 m(2,297 ft) . 8. . 9. 2,700 m(8,858 ft) . : 700 m(2,297 ft) 36 °C(97 °F) , 700 m(2,297 ft) 1,400 m(4,593 ft) 가 34 °C(93 °F) , 1,400 m(4,593 ft) 2,100 m(6,890 ft) 32 °C(90 °F) , 2,100 m(6,890 ft) 2,700 m(8,858 ft) 30 °C(86 °F) . 10. Geo Pro .