

Flexible und kosteneffiziente LCD-Laserprojektoren

PT-MZ680

Neue LCD-Laserprojektoren mit ausgeglichener Farbwiedergabe und Helligkeit für die nahtlose Integration in Unternehmens-, Bildung- und Museums-umgebungen



KEY FEATURES

- Laser-LCD, 6.000 Lumen, WUXGA
- Kompaktes, leichtes Gehäuse mit ultraleisem Betrieb (26 dB)
- Großer Lens Shift-Bereich und Ultra-Kurzstanz-Objektiv für erweiterte Installationsmöglichkeiten
- Edge Blending-Funktion für vielseitige Raumdesigns
- Hohe Nachhaltigkeit dank geringerem Stromverbrauch und waschbarem Eco-Filter

SPECIFICATIONS

LCD panel Panel size (mm)	19.3 mm diagonal (16:10 aspect ratio)
LCD panel Panel size (inch)	0.76 inch diagonal (16:10 aspect ratio)
LCD Panel Display Method	Transparent LCD panel (x 3, R/G/B)
LCD Panel Drive Method	Active matrix
LCD Panel Pixels	2,304,000 (Pixels 1920 x 1200) pixels x 3
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 powered zoom/focus lenses also available)
Light Source	Laser diodes
Screen size (diagonal) (mm)	1.02–10.16 m, 16:10 aspect ratio, 1.52–10.16 m with the ET-ELW22, 16:10 aspect ratio, 2.54–10.16 m with the ET-ELU20, 16:10 aspect ratio
Screen size (diagonal) (inch)	40–400 in, 16:10 aspect ratio, 60–400 in with the ET-ELW22, 16:10 aspect ratio, 100–400 in with the ET-ELU20, 16:10 aspect ratio
Auflösung	WUXGA (1920 x 1200 pixels)
Terminals HDMI In	HDMI 19-pin x 3 (Compatible with HDCP 2.3, Deep Color, 4K/60p*4 signal input), CEC supported
Terminals Monitor Out	D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR)

Terminals Audio In	M3 stereo mini-jack
Terminals Audio Out	M3 stereo mini-jack
Terminals REMOTE 1 IN	D-sub 9-pin (female) x 1 for external control (parallel)
Terminals Remote 2 In	M3 x 1 for wired remote control
Terminals LAN	RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PjLink™ [Class 2], Art-Net)
Terminals DIGITAL LINK	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 signal input)
Terminals DC Out	USB Connector (Type A) x 1 (Output 5 V/2 A)
Power Supply	AC 100–240 V, 50/60 Hz
Power Consumption	390 W or less [TBD]
Filter	Included (Estimated maintenance time: approx. 20,000 hours)
Cabinet Materials	Molded plastic
Dimensions (W x H x D) (mm)	561 x 190 x 437 mm (not including lens or protruding parts)
Dimensions (W x H x D) (inch)	22 3/32" x 7 15/32" x 17 7/32" (not including lens or protruding parts)
Applicable software/application	Logo Transfer Software, Multi Monitoring & Control Software, Early Warning Software, Smart Projector Control for iOS/Android™, Geometry Manager Pro
Note	*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 At 20,000 hours, brightness will have decreased to approximately 50 % of its original level (Light Output:Normal/Quiet, Picture Mode: Dynamic, [Dynamic Contrast] set to [2]). Estimated time until light output declines to 50 % varies depending on environment. *3 Lens-shift range and keystone correction range may vary depending on lens. *4 YPBPR 4:2:0 format only for 4K/60p signals input viaDIGITAL LINK. 4K signals are converted to the projector's resolution (1920 x 1200 pixels) upon projection. Supported terminals: DIGITAL LINK/HDMI®. *5 Average value. May differ depending on the actual unit. *6 Note that the projector cannot be used at altitudes 2,700 m (8,858 ft) or higherabove 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 (2,296 ft) and ambient temperature is 38 °C (100 °F) [TBD] or higher; when the projector is used at altitudes between 700 m(2,296 ft) and 1,400 m (4,593 ft) exclusive and ambient temperature is 36 °C (97 °F) [TBD] 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 34 °C (93 °F) [TBD] 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 32 °C (90 °F) [TBD] or higher.
Contrast Ratio*1	3,000,000:1 (Full On/Full Off) [TBD]
Light output*1	6,000 lm
Time until light output declines to 50%*2	20,000 hours (Normal/Quiet)/24,000 hours (Eco)
Projector type	LCD projectors
Center-to-corner zone ratio*1	85 %
Operating Environment	Operating temperature: 0–45 °C (32–113 °F)*6, operating humidity: 20–80 % (no condensation)
Keystone Correction Range	Vertical: ±25 °, Horizontal: ±30 ° (for supplied lens; optional powered zoom/focus lenses also available*3)
Installation	Ceiling/floor, front/rear, free 360-degree installation
Weight*5	Approx. 17.6 kg (38.8 lbs) (with supplied lens) [TBD]
Operation noise*1	32 dB (Normal/Eco) [TBD], 26 dB (Quiet) [TBD]
Lens shift Vertical(From the origin point of the lens mounter)	±67 % (powered) (for supplied lens; optional powered zoom/focus lenses also available*3)
Lens shift Horizontal(From the origin point of the lens mounter)	±35 % (powered) (for supplied lens; optional powered zoom/focus lenses also available*3)
Terminals Serial / Multi Sync In	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
Terminals Multi Sync Out	D-sub 9-pin (male) x 1 for link control
Terminals Computer In	D-sub HD 15-pin (female) x 1 (RGB/YBPBR/YCBCR)

URL: <https://business.panasonic.de/visuelle-systeme/pt-mz680>

CONTACT

Web: <https://business.panasonic.de/visuelle-systeme/contact-us>