Panasonic CONNECT

Laser light source, 3LCD, 13 000 lumens, WUXGA projector

PT-MZ13KL

Designed to reduce the AV managers workload in businesses and universities.

Key Features

Laser 3LCD, 13 000 lumens, WUXGA

Silent (35dB in normal mode) and light construction (22kg) is ideal for lecture theatres and seminar rooms

20 000 hours maintenance-free operation due to the dustproof construction and long-lasting eco filter

Triple drive engine ensures non-stop operation with a failover function. A secondary backup signal input and the monitoring function reduce the impact of potential technical faults.

Flexible installation with a choice of seven optional zoom lenses . Easy setup with Geo Pro software and DIGITAL LINK function

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https://oc.connect.panasonic.com/au/en/products/projectors/pt-mz13kl

Feature	Specification
Projector type	LCD projectors
Light Source	Laser diodes
Light output*1	13,000 lm
Time until light output declines to 50 %*2	20,000 hours (NORMAL)
Resolution	1920 x 1200 pixels
Contrast Ratio*1	3,000,000:1 (Full On/Full Off) * With [Dynamic Contrast] set to [3]
Screen size [diagonal]	2.03–12.7 m (80–500 in), 16:10 aspect ratio
Center-to-corner zone ratio*1	85 %
Lens	Optional powered zoom lenses
Lens shift | Vertical (from center of screen)	±60 % (±40 % with ET-EMW200, ±50 % with ET-EMW300) (powered)
Lens shift | Horizontal (from center of screen)	±20 % (±19 % with ET-EMW200) (powered)
Keystone Correction Range	Vertical: ±40° (±14° with ET-EMW200/ET-EMW300, ±22° with ET-EMW400/ET-EMW500), Horizontal: ±15° (±8° with ET-EMW200/ET-EMW300)
Keystone correction range with optional ET-UK20 Upgrade Kit	Vertical: ±40° (±14° with ET-EMW200/ET-EMW300, ±22° with ET-EMW400/ET-EMW500), Horizontal: ±40° (±8° with ET-EMW200/ET-EMW300, ±15° with ET-EMW400/ET-EMW500)When [VERTICAL KEYSTONE] and [HORIZONTAL KEYSTONE] are used simultaneously, correction cannot be made exceeding a total of 55 °.
Installation	Ceiling/floor, front/rear, free 360-degree installation
Terminals | SDI In	BNC x 1: 3G/HD-SDI input
Terminals | HDMI In	HDMI 19-pin x 1 (Compatible with HDCP 2.2, Deep Color, 4K/60p signal input*3)
Terminals | DVI-D In	DVI-D 24-pin x 1 (DVI 1.0 compliant, compatible with HDCP, compatible with single link only)
Terminal | RGB In	D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR)
Terminals | Serial/Multi Projector Sync In	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
Terminals | Serial/Multi Projector Sync Out	D-sub 9-pin (male) x 1 for link control (RS-232C compliant)
Terminals | REMOTE 1 IN	D-sub 9-pin (female) × 1 for external control (parallel)
Terminals | Remote 2 In	M3 x 1 for wired remote control
Terminals | Remote 2 Out	M3 x 1 for link control (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 2.2, Deep Color, 4K/60p signal input*3)
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	800 W
Cabinet Materials	Molded plastic
Filter	Included (Estimated maintenance time: approx. 20,000 hours)
Operation noise*1	35 dB (NORMAL) / 30 dB (Quiet)
Dimensions (W x H x D)	650 x 211*4 x 440 mm (25 19/32˝ x 8 5/16˝*4 x 17 21/64˝) (Without lens)
Weight*5	Approx. 22.3 kg (49.2 lbs)
Operating Environment	Operating temperature: 0–45 ℃ (32–113 °F)*6; Operating humidity: 10–80 % (no condensation)
Applicable Software	Logo Transfer Software, Multi Monitoring & Control Software, Early Warning Software, Geometry Manager Pro (ET-UK20 Upgrade Kit, ET-CUK10 Auto Screen Adjustment Kit),Smart Projector Control for iOS/Android™
Note	*1 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2012 international standards. Value is average of all products when shipped. *2 Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcastcontents, NORMAL Mode, Dynamic Contrast [2], under conditions with 35 ℃ (95 °F), 700 m (2,297 ft) above sea level, and 0.15 mg/m3 of particulate matter. Estimated time until light output declines to 50 % varies depending on environment. *3 4K signals are converted to theprojector's resolution (1920 x 1200 pixels) upon projection. Supported terminals: DIGITAL LINK/HDMI®. *4 With legs at shortest position. *5 Average value. May differ depending on the actual unit. *6 When using the projector at an altitude lower than 2,700 m (8,858 ft) above sea level,and the operating environment temperature becomes 35 ℃ (95 °F) or higher, the light output may be reduced to protect the projector.
Light output	13,000 lm
LCD Panel | Panel Size	25.4 mm (1.0 in) diagonal (16:10 aspect ratio)
LCD Panel | Number of pixels	2,304,000 (Pixels 1920 x 1200) pixels x 3