16 000 lumens LCD Solid Shine laser projector

PT-MZ16KL

Laser light source, 3LCD, 16 000 lumens, WUXGA projector

KEY FEATURES

- Laser 3LCD, 16 000 lumens, WUXGA

- Silent (38dB 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

The MZ16 series is Panasonic's quietest and most powerful LCD projector range for learning and business, designed for simplified set-up and maintenance-free operation, reducing the AV manager's workload.

This flexible and cost-efficient SOLID SHINE[TM] laser projector offers up to 16,000 lumens brightness (PT-MZ16K) and WUXGA resolution for high quality projection with silent operation (38dB in normal mode) and light construction (22kg). It accepts a 4K/60p input signal, which is converted to the projector's resolution (1920 x 1200).

SPECIFICATIONS

Projector type	LCD projectors
Light Source	Laser diodes
Light output*1	16,000 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	1,050 W
Cabinet Materials	Molded plastic
Filter	Included (Estimated maintenance time: approx. 20,000 hours)
Operation noise*1	38 dB (NORMAL) / 32 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 °C (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 °C (95 °F), 700 m (2,297 ft) above sea level, and 0.15 mg/m3️⃣of 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 °C (95 °F) or higher, the light output may be reduced to protect the projector.
Light output	16,000 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

URL: https://business.panasonic.co.uk/visual-system/pt-mz16kl

CONTACT

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