



Laser lichtbron, 3LCD, 16 000 lumen, WUXGA-  
projector

## PT-MZ16KL

Ontworpen om de werkdruk van de AV-managers bij bedrijven en universiteiten te verlagen.

### Key Features

Laser 3LCD, 16 000 lumen, WUXGA

Stil (38dB in normale modus) en lichte constructie (22kg) is ideaal voor college- en congreszalen

20 000 uur onderhoudsvrije werking door de stofbestendige constructie en een ecofilter met een lange levensduur

Triple drive engine zorgt voor een constante werking met een failover-functie. Een secundair inputsignaal dat dient als reserve en de controlefunctie verminderen de invloed van mogelijke technische storingen.

Flexibele installatie met een keuze uit zeven optionele zoomlenzen. Eenvoudig instellen met Geo Pro-software en DIGITAL LINK-functie





## PT-MZ16KL

<https://eu.connect.panasonic.com/nl/nl/products/projectors/pt-mz16kl>

<b>Projector type</b>	LCD projectors
<b>Light Source</b>	Laser diodes
<b>Light output*1</b>	16,000 lm
<b>Time until light output declines to 50 %*2</b>	20,000 hours (NORMAL)
<b>Resolution</b>	1920 x 1200 pixels
<b>Contrast Ratio*1</b>	3,000,000:1 (Full On/Full Off) * With [Dynamic Contrast] set to [3]
<b>Screen size [diagonal]</b>	2.03-12.7 m (80-500 in), 16:10 aspect ratio
<b>Center-to-corner zone ratio*1</b>	85 %
<b>Lens</b>	Optional powered zoom lenses
<b>Lens shift   Vertical (from center of screen)</b>	±60 % (±40 % with ET-EMW200, ±50 % with ET-EMW300) (powered)
<b>Lens shift   Horizontal (from center of screen)</b>	±20 % (±19 % with ET-EMW200) (powered)
<b>Keystone Correction Range</b>	Vertical: ±40° (±14° with ET-EMW200/ET-EMW300, ±22° with ET-EMW400/ET-EMW500), Horizontal: ±15° (±8° with ET-EMW200/ET-EMW300)
<b>Keystone correction range with optional ET-UK20 Upgrade Kit</b>	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°.
<b>Installation</b>	Ceiling/floor, front/rear, free 360-degree installation
<b>Terminals   SDI In</b>	BNC x 1: 3G/HD-SDI input
<b>Terminals   HDMI In</b>	HDMI 19-pin x 1 (Compatible with HDCP 2.2, Deep Color, 4K/60p signal input*3)
<b>Terminals   DVI-D In</b>	DVI-D 24-pin x 1 (DVI 1.0 compliant, compatible with HDCP, compatible with single link only)
<b>Terminal   RGB In</b>	D-sub HD 15-pin (female) x 1 (RGB/YBPBR/YCBCR)
<b>Terminals   Serial/Multi Projector Sync In</b>	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
<b>Terminals   Serial/Multi Projector Sync Out</b>	D-sub 9-pin (male) x 1 for link control (RS-232C compliant)
<b>Terminals   REMOTE 1 IN</b>	D-sub 9-pin (female) x 1 for external control (parallel)
<b>Terminals   Remote 2 In</b>	M3 x 1 for wired remote control
<b>Terminals   Remote 2 Out</b>	M3 x 1 for link control (for wired remote control)
<b>Terminals   LAN</b>	RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PJLink™ [Class 2], Art-Net)
<b>Terminals   DIGITAL LINK</b>	RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBase™ compliant), 100Base-TX (Compatible with PJLink™ [Class 2], Art-Net, HDCP 2.2, Deep Color, 4K/60p signal input*3)
<b>Terminals   DC Out</b>	USB Connector (Type A) x 1 (Output 5 V/2 A)
<b>Power Supply</b>	AC 100-240 V, 50/60 Hz
<b>Power Consumption</b>	1,050 W
<b>Cabinet Materials</b>	Molded plastic
<b>Filter</b>	Included (Estimated maintenance time: approx. 20,000 hours)
<b>Operation noise*1</b>	38 dB (NORMAL) / 32 dB (Quiet)
<b>Dimensions (W x H x D)</b>	650 x 211*4 x 440 mm (25 19/32" x 8 5/16" x 17 1/4" ) (Without lens)
<b>Weight*5</b>	Approx. 22.3 kg (49.2 lbs)
<b>Operating Environment</b>	Operating temperature: 0-45 °C (32-113 °F)*6; Operating humidity: 10-80 % (no condensation)
<b>Applicable Software</b>	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™
<b>Note</b>	*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 Broadcast contents, NORMAL Mode, Dynamic Contrast [2], under conditions with 35 °C (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 the projector'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.
<b>Light output</b>	16,000 lm
<b>LCD Panel   Panel Size</b>	25.4 mm (1.0 in) diagonal (16:10 aspect ratio)
<b>LCD Panel   Number of pixels</b>	2,304,000 (Pixels 1920 x 1200) pixels x 3