

Panasonic



PT-MZ20KL

LCD 가 가 , 20,000lm
23kg2(50.7 lbs) , 42 dB*3

Key Features

가 , 가 가 , 가 20,000 lm LCD	
(Long-Life) ·	
AC 100-240 V	20,000lm



PT-MZ20KL

<https://ap.pnd.panasonic.com/id/ko/pt-mz20kl>

Projector type	LCD projectors
Display method	Transparent LCD panel (x 3, R/G/B)
Display Device -> Panel size	25.4 mm (1.0 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 diode
Light output *1 *2	20,000 lm
Light output (ANSI) *1 *3	20,000 lm
Time until light output declines to 50 %	20,000 [NORMAL]
-> NORMAL *5	
Time until light output declines to 50 %	20,000 hours [QUIET]
-> QUIET *5	
Resolution *6	WUXGA (1920 x 1200 pixels)
Contrast Ratio (typ.)	3,000,000:1 (Full On/Full Off) (When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] set to [3].)
Screen size (diagonal)	2.03–15.24 m (80–600 in), 2.54–10.16 m (100–400 in) with ET-EMU100, 16:10 aspect ratio
Center-to-corner zone ratio	85%
Lens	Optional (no lens included with this model)
Lens shift -> Vertical (from center of screen)	±60 % (+50 %, -20 % with ET-EMU100, ±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	: ±45° (ET-EMU100 ±5°, ET-EMW200/ET-EMW300 ±14°, ±ET-EMW400/ET-EMW500 22°), : ±40° (ET-EMU100 ±0°, ET-EMW200/ET-EMW300 ±8°, ET-EMW400/ET-EMW500 ±15°). [] [] , 55° .
Installation	/ , / , free 360-degree installation
Terminals -> SDI IN	BNC x 1: 3G/HD-SDI ◆
Terminals -> HDMI™ IN	HDMI™ 19 x 2 (HDCP 2.3 , Deep Color, 4K/60p ◆ *4), CEC
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) x 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 -> DIGITAL LINK IN / LAN	RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseT™ compliant), 100Base-TX (Compatible with PLink™ [Class 2], Art-Net, HDCP 2.3, Deep Color, 4K/60p signal input *5)
Terminals -> LAN	RJ-45 x 1 , 10Base-T, 100Base-TX (PLink™ [Class 2], Art-Net)
Terminals -> DC OUT	USB (◆ A) x 1 (: 5 V / 2 A)
Terminals -> USB TYPE A	USB (◆ A) x 1, AJ-WM50 , USB
Power supply	AC 100–240 V, 50/60 Hz
Maximum power consumption *13	1100 W (11.2–4.6 A) (1120 VA)
On-mode power consumption (Operating mode) -> Normal *13 *14	[NORMAL] 1050 W (AC 100–120 V), 1000 W (AC 200–240 V)
On-mode power consumption (Operating mode) -> Quiet *13 *14	[QUIET] 630 W (AC 100–120 V), 610 W (AC 200–240 V)
Cabinet materials	Molded plastic
Filter *15	Included
Estimated filter maintenance cycle	20,000 *7
Operation noise -> Normal	42 dB [NORMAL]
Operation noise -> Quiet	36 dB [QUIET]
Body Colour	PT-MZ20KLBEJ-Black PT-MZ20KLBE-Black PT-MZ20KLBD8-Black PT-MZ20KLWEJ-White PT-MZ20KLWE-White
Dimensions (W x H x D)	650 x 185 x 440 mm (25 19/32" x 7 9/32" x 17 5/16") (, 650 x 211 x 440 mm (25 19/32" x 8 5/16" x 17 5/16") (,)
Dimensions (W x H x D) -> Width (not including protruding parts)	650 mm (25 19/32")
Dimensions -> Width (including protruding parts)	650 mm (25 19/32")
Dimensions -> Height (not including protruding parts)	185 mm (7 9/32")
Dimensions -> Height (including protruding parts)	211 mm (8 5/16")

Dimensions -> Depth (not including protruding parts)	440 mm (17 5/16 ")
Dimensions -> Depth (including lens)	440 mm (17 5/16 ")
Gross Dimensions (W x H x D in mm)	MZ20KLWE/MZ20KLBEJ: Approx. 860 x 354 x 588 mm MZ20KLWE/MZ20KLBE: Approx. 848 x 334 x 576 mm
Weight *16	23.0 kg (50.7 lbs)
Gross Weight (Kg)	MZ20KLWEJ/MZ20KLBEJ: 30.6 kg (67.5 lbs)MZ20KLWE/MZ20KLBE: 28.8 kg (63.4 lbs)
Operating environment -> Operating temperature *17 *18	0-45 °C (32-113 °F)
Operating Environment -> Operating humidity (No condensation)	10-80 % (no condensation)
Applicable software	, iOS/ , TM , , Geometry Manager ,
NFC	Yes
EAN	MZ20KLWEJ: 5025232934140 MZ20KLBEJ: 5025232934157 MZ20KLWE: 8887549820182 MZ20KLBE: 8887549820212
Terminals -> DVI-D IN	—
Terminals -> DisplayPort™ IN	—
Operation noise -> Eco	—
Active 3D	No
SDM	No
Footnote Description	1. [OPERATING MODE]가 [NORMAL] . (: ET-EMS650) 2. , , ISO/IEC 21118: 2020 . 3. , , (American National Standards Institute) . 4. 50% . IEC62087: 2008 , , [, [3] 30°C(86°F), 700m(2,297) , 0.15 mg/m3 . 50% 5. ET-EMT800 PT-MZ17KL/MZ14KL/MZ11KL . PT-MZ20KL 6. 4K (1920 x 1200 pixels) . 4K/60p 4K/50p DIGITAL LINK , YPBPR 4:2:0 . 7. , , ISO/IEC 21118: 2020 . ON 25 °C(77 °F), 700 m(2,297 ft) . 8. 0.15 mg/m³ . 9. . 10. 2,700 m(8,858 ft) . : 1,400 m(4,593 ft) 35 °C(95 °F) , 1,400 m(4,593 ft) 2,700 m(8,858 ft) 30 °C(86 °F) . AJ-WM50 0 °C(32 °F) 40 °C(104 °F)