



Clear and Vivid 7,000 lm Projection from the Lightest and Smallest Body in Class

PT-VMZ5ES

Deliver clear, striking images in well-lit open meeting spaces and classrooms from the smallest and lightest LCD laser projector in its class. High 7,000 lm brightness, 3,000,000:1 contrast, and vivid color creates an engaging presentation experience.

Key Features

Compact and lightweight LCD laser projector

Clear Images That Are Easy to See in Bright Rooms

Installation Flexibility Adapts Projection to Any Space

Smooth and Effortless Collaboration



PT-VMZ5ES

<https://ap.pnd.panasonic.com/my/en/pt-vmz5es>

Projector type	LCD projectors
Display method	Transparent LCD panel (x 3, R/G/B)
Display Device -> Panel size	16.3 mm (0.64 in) diagonal (16:10 aspect ratio)
Display Device -> Drive method	Active matrix method
Display Device -> Number of pixels	PT-VMZ71/VMZ61/VMZ51/VMZ51S/VMZ41 : 2,304,000 (1920 x 1200) pixels PT-VMW61/VMW51 : 1,024,000 (1280 x 800) pixels
Light source	Laser diodes
Light output	PT-VMZ71 : 7,000 lm PT-VMZ61 : 6,200 lm PT-VMZ51 : 5,200 lm PT-VMZ51S : 5,200 lm PT-VMZ41 : 4,500 lm PT-VMW61 : 6,200 lm PT-VMW51 : 5,200 lm
Light output (ANSI)	PT-VMZ71 : 7,000 lm PT-VMZ61 : 6,200 lm PT-VMZ51 : 5,200 lm PT-VMZ51S : 5,200 lm PT-VMZ41 : 4,500 lm PT-VMW61 : 6,200 lm PT-VMW51 : 5,200 lm
Time until light output declines to 50 % -> NORMAL	20,000 hours [NORMAL]
Time until light output declines to 50 % -> ECO	24,000 hours [ECO]
Time until light output declines to 50 % -> QUIET	20,000 hours [QUIET]
Resolution	PT-VMZ71/VMZ61/VMZ51/VMZ51S/VMZ41 : WUXGA (1920 x 1200 pixels) PT-VMW61/VMW51 : WXGA (1280 x 800 pixels)
Contrast Ratio (typ.)	3,000,000:1 (Full On/Full Off)(When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1].)
Screen size (diagonal)	0.76–7.62 m (30–300 in), 16:10 aspect ratio
Center-to-corner zone ratio	85%
Lens	1.6x manual zoom (throw ratio: 1.09–1.77:1), manual focus lens, F 1.60–2.12, f 15.30–24.64 mm
Digital Zoom Extender	Throw Ratio 1.09–2.21:1 (Corresponding value. When used together with optical zoom.)
Lens shift -> Vertical(from center of screen)	+44 %
Lens shift -> Horizontal(from center of screen)	±20 %
Keystone correction range	PT-VMZ71/VMZ61/VMZ51/VMZ51S/VMZ41 : Vertical: ±25 °, Horizontal: ±35 ° PT-VMW61/VMW51 : Vertical: ±35 °, Horizontal: ±35 °
Installation	Ceiling/floor, front/rear, free 360-degree installation
Terminals -> HDMI™ IN	HDMI™ 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p*6 signal input), CEC supported*7
Terminals -> COMPUTER IN (D-SUB 15pin)	D-sub 15-pin (female) x 2 (RGB/Y/P _B /R/YC _B /C _R)
Terminals -> AUDIO IN (M3 Stereo Mini Jack)	M3 stereo mini-jack x 2
Terminals -> AUDIO OUT (M3 Stereo Mini Jack)	M3 stereo mini-jack x 1
Terminals -> SERIAL IN	D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)
Terminals -> DIGITAL LINK IN / LAN	PT-VMZ71/VMZ61/VMZ51/VMW61/VMW51 : RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control)(HDBase™ compliant), 100Base-TX (Compatible with PLink™ [Class 2], HDCP, Deep Color, 4K/30p*6 signal input)
Terminals -> LAN	RJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PLink™ [Class 2]
Terminals -> USB TYPE A	USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless Module, power supply (DC 5 V, maximum 2 A*8)
Protocol versions	IPv4, IPv6
Power supply	AC 100 V–240 V, 50/60 Hz
Maximum power consumption	420 W (4.5–1.9 A) (455 VA)(Power consumption is 410 W at 200–240 V) 370 W (3.9–1.7 A) (395 VA)(Power consumption is 360 W at 200–240 V) 305 W (3.1–1.3 A) (310 VA)(Power consumption is 295 W at 200–240 V) 300 W (3.1–1.3 A) (305 VA)(Power consumption is 290 W at 200–240 V) 370 W (3.9–1.7 A) (395 VA)(Power consumption is 360 W at 200–240 V) 305 W (3.1–1.3 A) (310 VA)(Power consumption is 295 W at 200–240 V)
On-mode power consumption(Operating mode) -> Normal	PT-VMZ71 : [NORMAL] 390 W (100–120 V), 375 W (200–240 V) PT-VMZ61 : [NORMAL] 335 W (100–120 V), 320 W (200–240 V) PT-VMZ51 : [NORMAL] 270 W (100–120 V), 255 W (200–240 V) PT-VMZ51S/VMZ41 : [NORMAL] 265 W (100–120 V), 255 W (200–240 V) PT-VMW61 : [NORMAL] 325 W (100–120 V), 315 W (200–240 V) PT-VMW51 : [NORMAL] 260 W (100–120 V), 250 W (200–240 V)

On-mode power consumption(Operating mode) -> Eco	PT-VMZ71 : [ECO] 275 W (100-120 V), 265 W (200-240 V)PT-VMZ61 : [ECO] 240 W (100-120 V), 230 W (200-240 V)PT-VMZ51 : [ECO] 195 W (100-120 V), 185 W (200-240 V)PT-VMZ51S/VMZ41 : [ECO] 190 W (100-120 V), 180 W (200-240 V)PT-VMW61 : [ECO] 230 W (100-120 V), 220 W (200-240 V)PT-VMW51 : [ECO] 180 W (100-120 V), 175 W (200-240 V)
On-mode power consumption(Operating mode) -> Quiet	PT-VMZ71 : [QUIET] 270 W (100-120 V), 260 W (200-240 V)PT-VMZ61 : [QUIET] 235 W (100-120 V), 225 W (200-240 V)PT-VMZ51 : [QUIET] 190 W (100-120 V), 180 W (200-240 V)PT-VMZ51S/VMZ41 : [QUIET] 185 W (100-120 V), 175 W (200-240 V)PT-VMW61 : [QUIET] 225 W (100-120 V), 215 W (200-240 V)PT-VMW51 : [QUIET] 175 W (100-120 V), 170 W (200-240 V)
Built-in speaker	10 W monaural
Cabinet materials	Molded plastic
Filter	Included
Estimated filter maintenance cycle	Approx. 20,000 hours
Operation noise -> Normal	PT-VMZ71 : 38 dB [NORMAL]PT-VMZ61/VMZ51/VMZ51S/VMZ41/VMW61/VMW51 : 36 dB [NORMAL]
Operation noise -> Eco	PT-VMZ71 : 38 dB [ECO]PT-VMZ61/VMZ51/VMZ51S/VMZ41/VMW61/VMW51 : 36 dB [ECO]
Operation noise -> Quiet	PT-VMZ71 : 28 dB [QUIET]PT-VMZ61/VMZ51/VMZ51S/VMZ41/VMW61/VMW51 : 26 dB [QUIET]
Body Colour	Black/White
Dimensions (W x H x D)	399 mm x 115 mm x 348 mm (15 23/32" x 4 17/32" x 13 11/16") (not including protruding parts)399 mm x 133 mm x 348 mm (15 23/32" x 5 1/4" x 13 11/16") (with feet at shortest position)
Dimensions (W x H x D) -> Width (not including protruding parts)	399 mm (15 23/32")
Dimensions -> Width (including protruding parts)	399 mm (15 23/32")
Dimensions -> Height (not including protruding parts)	115 mm (4 17/32")
Dimensions -> Height (including protruding parts)	133 mm (5 1/4")
Dimensions -> Depth (not including protruding parts)	348 mm (13 11/16")
Dimensions -> Depth (including lens)	348 mm (13 11/16")
Gross Dimensions (W x H x D in mm)	VMZ5ESU7/VMZ5ESEJ: 567 x 451 x 264 mm VMZ5ES: 555 x 439 x 246 mm
Weight	PT-VMZ71 : Approx. 7.0 kg (15.43 lbs)PT-VMZ61/VMW61 : Approx. 6.9 kg (15.21 lbs)PT-VMZ51/VMZ51S/VMZ41/VMW51 : Approx. 6.5 kg (14.33 lbs)
Gross Weight (Kg)	VMZ5ESU7: 10.1 kg(22.2 lbs) VMZ5ESEJ: 9.8 kg(21.6 lbs) VMZ5ES: 8.9 kg(19.6 lbs)
Operating environment -> Operating temperature	0-45 °C (32-113 °F)
Operating Environment -> Operating humidity (No condensation)	20-80 % (no condensation)
Applicable software	Multi Monitoring & Control Software, Logo Transfer Software, Presenter Light Software for Windows®*15, Wireless Projector App for iOS/Android™*16
NFC	https://docs.connect.panasonic.com/projector/products/smartycontrol/regional.html#regional
EAN	VMZ5ES: 8887549891762 VMZ5ESEJ: 5025232984664