



3LCD - 7,500 lumens - XGA - 1Lamp - Exchangeable lens - Digital Link - Powered H/V Lens Shift

PT-EX800Z

High brightness, low TCO and flexible installation LCD Projector Ideal for use in education and corporate environments

Key Features

LCD, 7,500 lumens, XGA

Daylight View Basic function ensures clear and vivid image quality in bright environments

Integrated DIGITAL LINK and Displayport connection

Eco filter enables up to 15,000 hours of air filter replacement cycle



PT-EX800Z

<https://eu.connect.panasonic.com/gb/en/products/projectors/pt-ex800z>

Brightness	7,500 lumens (LAMP POWER: AUTO/NORMAL, Dynamic mode, Standard lens)
Resolution	1,024 x 768 pixels
Power Supply	100-240 V AC, 50/60 Hz
Power Consumption	590 W (0.3 W with STANDBY MODE set to ECO* 1, 10 W with STANDBY MODE set to NORMAL, 37 W with in STANDBY MODE of Audio Setting set to on.)
Optical System	Dichroic mirror separation/prism synthesis system
LCD Panel Panel Size	19.0 mm (0.75 inches) diagonal (4:3 aspect ratio)
LCD Panel Display Method	Transparent LCD panel (x 3, R/G/B)
LCD Panel Pixels	786,432 (1,024 x 768) x 3, total of 2,359,296 pixels
LCD Panel Pixel Configuration	Stripe
Lens	Powered zoom/focus lens (1.7- 2.8:1), F 1.7- 2.3, f 26.9-45.4 mm Optional powered zoom/focus lenses and fixed-focus lens
Lamp	400 W UHM lamp
Screen Size	1.02 -10.16 m (40- 400 inches), 4:3 aspect ratio
Center-to-Corner Uniformity	90%
Contrast	5,000:1 (full on / full off, LAMP POWER: AUTO, Iris on, Dynamic mode)
Scanning Frequency Display Port/HDMI/DVI-D	fH: 15-100 kHz, fV: 24-120 Hz, dot clock: 25 MHz-162 MHz (VGA: 640 x 480 pixels to WUXGA: 1,920 x 1,200 pixels, VESA CVT-RB compliant, compatible with HDCP)
Scanning Frequency RGB	fH: 15-100 kHz, fV: 24-120 Hz, dot clock: up to 162 MHz
Scanning Frequency YPBPR (YCBCR)	480i (525i): fH 15.73 kHz; fV 59.94 Hz, 576i (625i): fH 15.63 kHz; fV 50 Hz, 480p (525p): fH 31.47 kHz; fV 59.94 Hz, 576p (625p): fH 31.25 kHz; fV 50 Hz, 720 (750)/60p: fH 45.00 kHz; fV 60 Hz, 720 (750)/50p: fH 37.50 kHz; fV 50 Hz, 1080 (1125)/60i: fH 33.75 kHz; fV 60 Hz, 1080 (1125)/50i: fH 28.13 kHz; fV 50 Hz, 1080 (1125)/25p: fH 28.13 kHz; fV 25 Hz, 1080 (1125)/24p: fH 27.00 kHz; fV 24 Hz, 1080 (1125)/24sF: fH 27.00 kHz; fV 48 Hz, 1080 (1125)/30p: fH 33.75 kHz; fV 30 Hz, 1080 (1125)/60p: fH 67.50 kHz; fV 60 Hz, 1080 (1125)/50p: fH 56.25 kHz; fV 50 Hz
Scanning Frequency Video/Y/C	fH: 15.73 kHz, fV: 59.94 Hz [NTSC/NTSC4.43/PAL-M/PAL60] fH: 15.63 kHz, fV: 50 Hz [PAL/PAL-N/SECAM]
Optical Axis Shift	Vertical: ±50% (powered), horizontal: ±10% (powered) NOTE: Optical axis shift function cannot be operated when used with the ET-ELW21.
Keystone Correction Range	Vertical: ±40° (with vertical correction only) Horizontal: ±30° (with horizontal correction only)
Installation	Ceiling/floor, front/rear
Built-in Speaker Size	3.7 cm (1-15/32 inches) (round) x 1
Built-in Speaker Output Power	10 W
Terminals Display Port In	DP-20P x 1, HDCP compatible 480p(525p), 576p(625p), 720(750)/60p, 720(750)/50p, 1080(1125)/60i, 1080(1125)/50i, 1080(1125)/25p, 1080(1125)/24p, 1080(1125)/24sF, 1080(1125)/30p, 1080(1125)/60p, 1080(1125)/50p VGA (640 x 400) - WUXGA (1,920 x 1,200) Audio signal: linear PCM (sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)
Terminals HDMI In	HDMI 19-pin x 1, Deep Color, HDCP compatible 480i(525i), 576i(625i), 480p(525p), 576p(625p), 720(750)/60p, 720(750)/50p, 1080(1125)/60i, 1080(1125)/50i, 1080(1125)/25p, 1080(1125)/24p, 1080(1125)/24sF, 1080(1125)/30p, 1080(1125)/60p, 1080(1125)/50p VGA (640 x 400) - WUXGA (1,920 x 1,200) Audio signal: linear PCM (sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)

Terminals DVI-D In	DVI-D 24-pin x 1, DVI 1.0 compliant, compatible with HDCP, compatible with single link only 480i(525i), 576i(625i)*3, 480p(525p), 576p(625p), 720(750)/60p, 720(750)/50p, 1080(1125)/60i, 1080(1125)/50i, 1080(1125)/25p, 1080(1125)/24p, 1080(1125)/24sF, 1080(1125)/30p, 1080(1125)/60p, 1080(1125)/50p VGA (640 x 400) - WUXGA (1,920 x 1,200)
Terminals RGB 1 In	D-sub HD 15-pin (female) x 1
Terminals RGB 1 In R, G, B	R: 0.7 Vp-p, 75 ohms; G: 0.7 Vp-p (1.0 Vp-p for sync on G), 75 ohms; B: 0.7 Vp-p, 75 ohms; HD/VD, SYNC: high impedance, TTL (positive/negative)
Terminals RGB 1 In Y, PB, PR (Y, CB, CR)	Y: 1.0 Vp-p (including sync signal); PB (CB), PR (CR): 0.7 Vp-p, 75 ohms NOTE: SYNC/HD and VD terminals do not accept tri-level sync signals.
Terminals RGB 2 In	BNC x 5 (RGB/YBPBR/YCBCR x 1)
Terminals RGB 2 In R, G, B	R: 0.7 Vp-p, 75 ohms; G: 0.7 Vp-p (1.0 Vp-p for sync on G), 75 ohms; B: 0.7 Vp-p, 75 ohms; HD/VD, SYNC: high impedance, TTL (positive/negative) NOTE: SYNC/HD and VD terminals do not accept tri-level sync signals.
Terminals RGB 2 In Y, PB, PR (Y, CB, CR)	Y: 1.0 Vp-p (including sync signal); PB (CB), PR (CR): 0.7 Vp-p, 75 ohms
Terminals RGB 2 In S-Video In	Y: 1.0 Vp-p; C: 0.286 Vp-p, 75 ohms
Terminals Video In	PIN Jack x 1, 1.0 Vp-p, 75 ohms
Terminals Monitor Out	D-sub HD 15-pin (female) x 1
Terminals Monitor Out R, G, B	R: 0.7 Vp-p, 75 ohms; G: 0.7 Vp-p (1.0 Vp-p for sync on G), 75 ohms; B: 0.7 Vp-p, 75 ohms; HD/VD, SYNC: high impedance, TTL (positive/negative)
Terminals Monitor Out Y, PB, PR (Y, CB, CR)	Y: 1.0 Vp-p (including sync signal); PB (CB), PR (CR): 0.7 Vp-p, 75 ohms
Terminals Audio In	M3 (L, R) x 1, 0.5 Vrms, input impedance: 22 kilohms or more M3 (L, R) x 1, 0.5 Vrms, input impedance: 22 kilohms or more PIN Jack (L, R) x 2, 0.5 Vrms, input impedance: 22 kilohms or more
Terminals Variable Audio Out	M3 (L, R) x 1 (monitor out: 0 - 2.0 Vrms, variable)
Terminals Serial In	D-sub 9-pin (female) x 1, for external control (RS-232C compliant)
Terminals Remoter 1 In	M3 jack x 1 for wired remote control
Terminals Remoter 2 In	D-sub 9-pin (female) x 1, for external control (parallel)
Terminals LAN/DIGITAL LINK	RJ-45 x 1 for network and DIGITAL LINK (video/network/serial control) connection, 100Base-TX, compliant with PLink™ (class 1), Deep Color, compatible with HDCP, 480i(525i), 576i(625i)*3, 480p(525p), 576p(625p), 720(750)/60p, 720(750)/50p, 1080(1125)/60i, 1080(1125)/50i, 1080(1125)/25p, 1080(1125)/24p, 1080(1125)/24sF, 1080(1125)/30p, 1080(1125)/60p, 1080(1125)/50p VGA (640 x 400) - WUXGA (1,920 x 1,200), dot clock: 25 MHz -162 MHz NOTE: Compatible with non-interlaced signals only.
Power Cord Length	3.0 m (9 ft 10 in)
Cabinet Materials	Molded plastic
Dimensions (W x H x D)	PT-EX800Z 530 x 177 x 445 mm (20-7/8 x 6-31/32 x 17-17/32 inches) (with supplied lens) PT-EX800ZL 530 x 177 x 385 mm (20-7/8 x 6-31/32 x 15-5/32 inches) (without lens)
Weight	PT-EX800Z Approx. 10.6 kg (23.4 lbs) (with supplied lens) PT-EX800ZL Approx. 9.8 kg (21.6 lbs) (without lens)
Operating Noise	37 dB (LAMP POWER: NORMAL), 31 dB (LAMP POWER: ECO 1), 29 dB (LAMP POWER: ECO 2)
Operating Temperature	0-45 °C (32-113 °F)
Operating Humidity	10%-80% (no condensation)
Technology	LCD

