



## PT-EZ580

<b>Main Unit</b>	<b>Power supply</b>	100–240 V AC, 50/60 Hz
	<b>Power consumption</b>	510 W (0.3 W with STANDBY MODE set to ECO <sup>*1</sup> , 10 W with STANDBY MODE set to NORMAL, 37 W with in STANDBY MODE of Audio Setting set to on.)
	<b>Optical system</b>	Dichroic mirror separation/prism synthesis system
	<b>Panel size</b>	19.0 mm (0.76 inches) diagonal (16:10 aspect ratio)
	<b>Display method</b>	Transparent LCD panel (× 3, R/G/B)
	<b>LCD panel</b>	
	<b>Pixels</b>	2,304,000 (1,920 × 1200) × 3, total of 6,912,000 pixels
	<b>Pixel configuration</b>	Stripe
	<b>Lens</b>	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
	<b>Lamp</b>	335 W UHM lamp
	<b>Screen size</b>	1.02–10.16 m (40–400 inches), 16:10 aspect ratio
	<b>Brightness<sup>*2</sup></b>	5,400 lumens (LAMP POWER: AUTO/NORMAL, Dynamic mode, Standard lens)
	<b>Center-to-corner uniformity<sup>*2</sup></b>	90%
	<b>Contrast<sup>*2</sup></b>	5,000:1 (full on / full off, LAMP POWER: AUTO, Iris on, Dynamic mode)
	<b>Resolution</b>	1,920 × 1,200 pixels
	<b>DisplayPort/HDMI /DVI-D</b>	fH: 15–100 kHz, fV: 24–120 Hz, dot clock: 25 MHz–162 MHz (VGA: 640 × 480 pixels to WUXGA: 1,920 × 1,200 pixels, VESA CVT-RB compliant, compatible with HDCP)
	<b>RGB</b>	fH: 15–100 kHz, fV: 24–120 Hz, dot clock: up to 162 MHz
	<b>Scanning frequency</b>	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,
	<b>YPbPr (YCbCr)</b>	

		<b>Video/YC</b>	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,
			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]
			Vertical: ±60% (powered), horizontal: ±10% (powered) NOTE: Optical axis shift function cannot be operated when used with the ET-ELW21.
		<b>Optical axis shift</b>	
		<b>Keystone correction range</b>	Vertical: ±40° (with vertical correction only) Horizontal: ±30° (with horizontal correction only)
		<b>Installation</b>	Ceiling/floor, front/rear
		<b>Built-in speaker</b>	
		<b>Size</b>	3.7 cm (1-15/32 inches) (round) × 1
<b>Terminals</b>		<b>Output power</b>	10 W (monaural)
		<b>DisplayPort IN</b>	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 *4 (1,920 x 1,200) Audio signal: linear PCM (sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)
		<b>HDMI IN</b>	HDMI 19-pin x 1, Deep Color, HDCP compatible 480i(525i) *3, 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 *4 (1,920 x 1,200) Audio signal: linear PCM (sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)
		<b>DVI-D IN</b>	DVI-D 24-pin x 1, DVI 1.0 compliant, compatible with HDCP, compatible with single link only 480i(525i) *3, 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 *4 (1,920 x 1,200)
		<b>RGB1 IN</b>	D-sub HD 15-pin (female) x 1
		<b>R, G, B</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)
		<b>Y, PB (CB), PR (CR)</b>	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.
		<b>RGB2 IN</b>	BNC x 5 (RGB/YPbPr/YCbCr x 1)

Remote Control Unit	<b>R, G, B</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.
	<b>Y, PB (CB), PR (CR)</b>	Y: 1.0 Vp-p (including sync signal); PB (CB), PR (CR): 0.7 Vp-p, 75 ohms
	<b>S-Video IN</b>	Y: 1.0 Vp-p; C: 0.286 Vp-p, 75 ohms
	<b>VIDEO IN</b>	PIN Jack x 1, 1.0 Vp-p, 75 ohms
	<b>MONITOR OUT</b>	D-sub HD 15-pin (female) x 1 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) Y: 1.0 Vp-p (including sync signal); PB (CB), PR (CR): 0.7 Vp-p, 75 ohms
	<b>AUDIO IN</b>	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
	<b>VARIABLE AUDIO OUT</b>	M3 (L, R) x 1 (monitor out: 0 – 2.0 Vrms, variable)
	<b>SERIAL IN</b>	D-sub 9-pin (female) x 1, for external control (RS-232C compliant)
	<b>REMOTE 1 IN</b>	M3 jack x 1 for wired remote control
	<b>REMOTE 2 IN</b>	D-sub 9-pin (female) x 1, for external control (parallel)
	<b>LAN/DIGITAL LINK</b>	RJ-45 x 1 for network and DIGITAL LINK (video/network/serial control) connection, 100Base-TX, compliant with PJLink™ (class 1), Deep Color, compatible with HDCP, 480i(525i)* <sup>3</sup> , 576i(625i)* <sup>3</sup> , 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 × 400)–WUXGA* <sup>4</sup> (1,920 × 1,200), dot clock: 25 MHz –162 MHz NOTE: Compatible with non-interlaced signals only.
	<b>Power cord length</b>	3.0 m (9 ft 10 in)
	<b>Cabinet materials</b>	Molded plastic
	<b>Dimensions (W x H x D)</b>	530 x 177* <sup>5</sup> x 445 mm (20-7/8 x 6-31/32* <sup>5</sup> x 17-17/32 inches) (with supplied lens)
	<b>Weight*<sup>6</sup></b>	Approx. 10.6 kg (23.4 lbs) (with supplied lens)
	<b>Operation noise*<sup>2</sup></b>	35 dB (LAMP POWER: NORMAL) 29 dB (LAMP POWER: ECO)
	<b>Operating temperature</b>	0–45 °C* <sup>7</sup> (32–113 °F)* <sup>7</sup>
	<b>Operating humidity</b>	10%–80% (no condensation)
	<b>Power supply</b>	3 V DC (R03/LR03/AAA type battery x 2)

	<b>Operation range<sup>*8</sup></b>	Approx. 30 m (98 ft 5 in) when operated from directly in front of the signal receptor
	<b>Dimensions (W x H x D)</b>	48 x 145 x 27 mm (1-7/8 x 5-23/32 x 1-1/16 inches)
	<b>Weight</b>	Approx. 102 g (3.6 oz) (including batteries)
	<b>Supplied accessories</b>	Power cord (including power cord holder) (x 1) Wireless/wired remote control unit (x 1) Batteries for remote control (AAA/R03/LR03 type x 2) Software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software) (x 1)
	<b>NOTE</b>	<p>Weights and dimensions shown are approximate. Specifications and appearance are subject to change without notice.</p> <p>*1 When the standby mode is set to eco, network functions such as power on over the LAN network will not operate, and the serial output terminal cannot be used. Also, only certain commands can be received for external control using the serial terminal. Only Taiwan model, 0.15 W.</p> <p>*2 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.</p> <p>*3 Only compatible with dot clock frequency of 27 MHz (pixel repetition signal)</p> <p>*4 WUXGA resolution is supported only when the signals are compliant with VESA CVT-RB (Coordinated Video Timing-Reduced Blanking).</p> <p>*5 With legs at shortest position.</p> <p>*6 Average value. May differ depending on models.</p> <p>*7 The operating temperature range is 0 °C to 40 °C (32 °F to 104 °F) when used at altitudes between 1,400 m and 2,700 m (4,593 ft to 8,858 ft) above sea level. When operating temperature exceeds 40 °C (35 °C at high altitude), lamp power may automatically switch to ECO in order to protect the projector.</p> <p>*8 Operation range differs depending on environments.</p>