Panasonic
CONNECT

LCD, 5,000 lumens, WUXGA, 16,000:1 contrast ratio

PT-VZ580

Bring native Full HD video to big screens in small places. Designed for education and corporate applications

PT-VZ580

https://oc.connect.panasonic.com/au/en/products/projectors/pt-vz580

Power Supply	AC 100-240 V, 50/60 Hz
Power Consumption *1	400 W (North America),
	410 W (other countries)
	When [STANDBY MODE] is set to [ECO] : approx. 0.3 W (North America,
	Taiwan), approx. 0.5 W (Other countries)
	When [STANDBY MODE] is set to [NORMAL] and [IN STANDBY MODE] of
	[AUDIO SETTING] is set to [OFF]: approx. 12 W
BTU Value	1,365 BTU (North America), 1,399 BTU (Other countries)
LCD Panel | Panel Size	16.3 mm (0.64 inches) diagonal (16:10 aspect ratio)
LCD Panel | Display Method	Transparent LCD panel (x 3, R/G/B)
LCD Panel | Drive Method	Active matrix method
LCD Panel | Pixels	2,304,000 (1920 x 1200) x 3, total of 6,912,000 pixels
Lens	Manual zoom (1.6x), manual focus,
	F 1.6-2.12, f 15.30 - 24.64 mm
Lens | Throw Ratio	1.09-1.77:1
Lamp	280 W UHM lamp
Projection Size	0.76-7.62 m (30-300 inches) diagonally, 16:10 aspect ratio
Colors	Full color (16,777,216 colors)
Light Output *2	5,000 lumens (Lamp power: Normal, Dynamic mode, Iris off,
	Daylight View:off, Auto Power Save:off)
Center-to-Corner Uniformity	85%
Contrast Ratio*2	16,000:1(all white/all black, Image mode:Dynamic,
	Lamp power: Normal, Iris: On)
Resolution	1920 x 1200 pixels (Input signals that exceed this resolution will be
	converted to 1920 x 1200 pixels.)
Lamp Replacement Cycle	Normal: 5,000 hours, Eco1: 6,000 hours, Eco2: 7,000 hours
Filter Replacement Cycle	7,000 hours (Period varies depending on usage environment.
	It can be washed and reused up to 2 times.)
Scanning Frequency | HDMI/DIGITAL LINK	•Moving image signal resolution:
	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
	Still image signal resolution: 640 x 400 to 1920 x 1200 (non-interlace)
	•Dot clock frequency: 25 MHz to 162 MHz
Scanning Frequency | RGB	fH: 15- 91kHz, fV: 24 - 100Hz, dot clock: 162 MHz or less
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	fH: 15.73 kHz / 15.63 kHz fV: 59.94 Hz / 50 Hz
	[NTSC/NTSC4.43/PAL/PAL60/PAL-N/PAL-M/SECAM]
Installation	CEILING/DESK/AUTO, FRONT/REAR
Speaker	4.0 cm round-type x 1

Maximum Usable Volume Output	10 W (monaural)
Optical Axis Shift	Vertical 0 - +44% from center of screen (manual)
	U/D ratio 17:1 (when on top end)
Terminals | Computer 1 In	high-density D-Sub 15 p (female)
	[RGB signal] R: 0.7 Vp-p ,75 ohms, G: 0.7 Vp-p (G: 1.0 Vp-p for sync on G) ,
	75 ohms, B: 0.7 Vp-p ,75 ohms HD, VD/SYNC: TTL,
	high impedance, positive/negative automatic
	[YPBPR signal] Y: 1.0 Vp-p (including sync signal),
	PB/PR (CB/CR): 0.7 Vp-p, 75 ohms
Terminals | Computer 2 In/1 Out	high-density D-Sub 15 p (female)
	[RGB signal] R: 0.7 Vp-p ,75 ohms, G: 0.7 Vp-p (G: 1.0 Vp-p for sync on G) ,
	75 ohms, B: 0.7 Vp-p ,75 ohms HD, VD/SYNC: TTL,
	high impedance, positive/negative automatic
	[YPBPR signal] Y: 1.0 Vp-p (including sync signal),
	PB/PR (CB/CR): 0.7 Vp-p, 75 ohms
Terminals | Video In	Pin jack 1.0 Vp-p, 75 ohms
Terminals | HDMI 1 In	HDMI 19 pin, HDCP and Deep color compatible
	Audio signals : Linear PCM (Sample frequency : 48 kHz/44.1 kHz/32 kHz)
Terminals | HDMI 2 In	HDMI 19 pin, HDCP and Deep color compatible
	Audio signals : Linear PCM (Sample frequency : 48 kHz/44.1 kHz/32 kHz)
Terminals | Audio In 1	M3 stereo mini jack, 0.5 V[rms], input imedance 22 k ohms and more
Terminals | Audio In 2	M3 stereo mini jack, 0.5 V[rms], input imedance 22 k ohms and more
Terminals | Audio In 3	Pin jack x 2(L-R), 0.5 V[rms], input imedance 22 k ohms and more
Terminals | Variable Audio Out	M3 stereo mini jack, 0 V[rms] to 2.0 V[rms] variable, output imedance
	2.2 k ohms and less
Terminals | USB A (DC Out)	USB connector (type A)
Terminals | Serial In	D-sub 9 pin, RS-232C compliant, for computer control use
Terminals | LAN	RJ-45, for network, PJLink™ compatible, 100Base-TX
Power Cord Length	3.0 m(9 ft 10 in)(India), 2.0 m(6 ft 7 in)(Other countries)
Cabinet Materials	Molded plastic
Dimensions (W x H x D)	389 x 125*4x 332mm
	(15-5/16 x 4-29/32*4x 13-1/16 inches)
Weight *5	Approx. 4.9 kg (10.8 lbs)
Noise Level *2	37dB (LAMP POWER: NORMAL/ECO1), 29dB (LAMP POWER: ECO2)
Operating Environment | Temperature*6	0℃ (32°F) to 40℃ (104°F) (Elevation: below 1,200 m (3,937'))
	0℃ (32°F) to 30℃ (86°F) (Elevation: 1,200 m (3,937') - 2,700m (8,858'))
Operating Environment | Humidity	20% to 80% (no condensation)
Note	Weights and dimensions shown are approximate. Specifications subject to change without notice.
	*1 When the Standby mode is set to Eco, network functions such as power on over the LAN network will not operate.
	Also, only certain commands can be received for external control using the serial terminal.
	*2 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.
	*3 Only compatible with dot clock frequency of 27 MHz (pixel repetition signal) for 480i(525i) and 576i(625i)
	*4 When adjustable feet shortened.
	*5 Average value. May differ depending on models.
	*6 If [LAMP POWER] set to [NORMAL], [LAMP MODE] will be switched to [ECO1] automatically when the operating
	environment temperature is 35℃ (95°F) to 40℃ (104°F).
Technology	LCD
Brightness	5000 lumens