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Projectors Portable

## Portable projector PT-VW540

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Model	PT-VW540	
Power supply	AC 120 V, 50/60 Hz (North America), AC 110 V, 60 Hz (Taiwan), AC 100–240 V, 50/60 Hz (other countries)	
Power consumption	385 W [North America], 400 W [other countries]	
Standby power consumption	Standby Mode (Eco)* <sup>2</sup>	0.3 W [North America, Taiwan], 0.5 W [other countries]
	Standby Mode (Normal)	8 W
LCD Panel	Panel size	0.64 inches (1.63 cm) (16:10 aspect ratio)
	Display method	Transparent LCD panel (× 3, R/G/B)
	Pixels	1,024,000 (1280 × 800) × 3, total of 3,072,000 pixels
Lens	1.6x manual zoom (throw ratio: 1.08–1.76:1), manual focus F 1.60–1.90, f 15.31–24.64 mm	
Lamp	280 W UHM lamp × 1	
Screen size (diagonal)	30–300 inches	
Brightness* <sup>3</sup>	5,500 lm [input signal: PC, lamp power: Normal, picture mode: Dynamic, Daylight View: OFF, Auto Power Save: OFF]	
Center-to-corner uniformity* <sup>3</sup>	85%	
Contrast* <sup>3</sup>	16,000:1 (all white/all black) [input signal: PC, lamp power: Normal, picture mode: Dynamic, Iris: On, Daylight View: OFF, Auto Power Save: OFF]	
Resolution	1280 × 800 pixels (Input signals that exceed this resolution will be converted to 1280 × 800 pixels).	
Scanning frequency	HDMI	480/60i* <sup>4</sup> , 576/50i* <sup>4</sup> , 480/60p, 576/50p, 720/60p, 720/50p, 1080/24p, 1080/24sF, 1080/25p, 1080/30p, 1080/60p, 1080/50p, 1080/60i, 1080/50i, Displayable resolution: 640 x 400 to 1920 x 1200 (non-interlace), Dot clock frequency: 25 MHz to 162 MHz
	RGB (analog)	Displayable resolution: 640 x 400 to 1920 x 1200 [non-interlace], fH: 15 kHz–91 kHz, fV: 24 Hz–100 Hz, dot clock: 162 MHz or lower
	YPBPR (YCBCR)	fH: 15.73 kHz, fV: 59.94 Hz [480/60i], fH: 15.63 kHz, fV: 50 Hz [576/50i], fH: 31.47 kHz, fV: 59.94 Hz [480/60p], fH: 31.25 kHz, fV: 50 Hz [576/50p], fH: 45.00 kHz, fV: 60 Hz [720/60p], fH: 37.50 kHz, fV: 50 Hz [720/50p], fH: 27.00 kHz, fV: 24 Hz [1080/24p], fH: 27.00 kHz, fV: 48 Hz [1080/24sF], fH: 28.13 kHz, fV: 25 Hz [1080/25p], fH: 33.75 kHz, fV: 30 Hz [1080/30p], fH: 67.50 kHz, fV: 60 Hz [1080/60p], fH: 56.25 kHz, fV: 50 Hz [1080/50p], fH: 33.75 kHz, fV: 60 Hz [1080/60i], fH: 28.13 kHz, fV: 50 Hz [1080/50i]*, HD/SYNC and VD terminals do not support 3 value SYNC.
	Video	fH: 15.73 kHz/15.63 kHz, fV: 59.94 Hz/50 Hz (NTSC/NTSC4.43/PAL/PAL60/PAL-N/PAL-M/SECAM)
Optical axis shift	Vertical 0 to +44 % from center of screen (manual), U/D ratio on top end: 17:1	
Keystone correction range	Vertical: maximum ±35 ° (auto/manual, input: WXGA), Horizontal: maximum ±35 ° (manual, input: WXGA), Up to a total of ±55 ° during simultaneous horizontal and vertical correction.	
Installation	Front ceiling/Front desk/Rear ceiling/Rear desk	
Terminals	HDMI IN	HDMI 19-pin × 2 (Deep Color, compatible with HDCP), audio signal: Linear PCM [sampling frequency: 48 kHz/44.1 kHz/32 kHz]
	COMPUTER IN 1	D-sub 15-pin (female) × 1 [RGB/Y • PB (CB) • PR (CR)]
	COMPUTER IN 2 / MONITOR OUT	D-sub 15-pin (female) × 1 [RGB/Y • PB (CB) • PR (CR) (input/output switching)]

VIDEO IN	Pin jack x 1
AUDIO IN 1	M3 stereo mini jack x 1
AUDIO IN 2	M3 stereo mini jack x 1
AUDIO IN 3	Pin jack (L/R) x 1
AUDIO OUT	M3 stereo mini jack x 1 (monitor out: variable)
SERIAL IN	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
USB A	Type A for DC output x 1 (for power supply, DC 5 V, max. 2 A)*5
USB B	-
LAN/DIGITAL LINK	-
LAN	RJ-45 x 1 for network connection, 10Base-T/100Base-TX, compatible with PLink™
Built-in speaker	4.0 cm (1 1/16") round shape x 1, output power: 10 W (monaural)
Operation noise*3	37 dB (lamp power: Normal), 35 dB (lamp power: ECO1), 29 dB (lamp power: ECO2)
Cabinet materials	Molded plastic
Dimensions (W x H x D)	389 x 125*7 x 332 mm (15-5/16" x 4-29/32"*7 x 13-1/16")
Weight*6	Approximately 4.8 kg (10.6 lbs)
Operating environment	Operating temperature: 0–40 °C (32–104 °F)*8 (altitude: less than 1,200 m [3,937 ft]), 0–30 °C (32–86 °F) (altitude: 1,200–2,700 m [3,937 ft–8,858 ft] ), Operating humidity: 20–80 % (no conden
Supplied accessories	Wireless remote control unit x 1, Power cord with power cord holder x 1 (x 2 for UK and Asia), Software CD-ROM x 1 (Operating instructions, Multi Monitoring and Control Software, Logo Transfer Software, Wireless Manager ME software [PT-VZ585N/VW545N/VX615N only]), Batteries (AAA type x 2), RGB cable x 1, Lens cap x 1
Note:	<p>*1 PT-VZ470 is not available in Taiwan.</p> <p>*2 When the Standby Mode is set to ECO, network functions such as Power On via LAN will not operate. Also, only certain commands can be received for external control using the serial terminal.</p> <p>*3 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.</p> <p>*4 Pixel-repetition signal (dot clock frequency: 27.0 MHz) only.</p> <p>*5 No output when projector is on standby.</p> <p>*6 Average value. May differ depending on the actual unit.</p> <p>*7 With legs at shortest position.</p> <p>*8 When operating temperature is between 35 °C (95 °F) and 40 °C (104 °F) , lamp power automatically switches to ECO in order to protect the projector.</p>

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