

# İşbirliği için üretilen, yüksek performanslı, yüksek parlaklığa sahip taşınabilir projektörler

PT-VW545N

Eğitsel ve kurumsal ortamlar için tasarlanmıştır. LCD, 5300 lümen, WXGA kablosuz projektör.



## KEY FEATURES

- LCD, 5300 lümen, WXGA
- Farklı Kablosuz İşlevler
  - > Moderatör Modu ile Wi-Fi Sertifikalı Miracast
  - > Kolay Kablosuz eşleme desteği
- 7000 saate kadar uzun lamba ve filtre değişim ömrü
- 16.000:1 kontrast oranı
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	PT-VZ585N	PT-VZ580	PT-VW545N	PT-VW540	PT-VX615N	PT-VX610
Parlaklık	5,000 lm	5,000 lm	5,500 lm	5,500 lm	5,500 lm	5,500 lm
Çözünürlük	WUXGA	WUXGA	WXGA	WXGA	XGA	XGA
Kontrast	16.000:1	16.000:1	16.000:1	16.000:1	16.000:1	16.000:1

- Artırılmış parlaklığa sahip taşınabilir projektörler
- Artırılmış kontrast oranı, daha keskin görüntüler ortaya çıkarır
- İki kat daha uzun kullanım ömrüne sahip filtre
- Kablosuz bağlantı kolaylığı
- Esnek kablolu kurulum

## Parlak bir fikir – 5500 lümene kadar parlaklık

5000 lm ile 5500 lm arasında değişen parlaklık değerlerine sahip PT-VZ580 serisi taşınabilir projektörler, VZ570 serisine göre en az 200 lm daha parlaktır. Derin siyahlar, saf renk vurguları, keskin grafikler ve kolayca okunan metinler elde edebilirsiniz.

## Kusursuz görüntüler

Mükemmel görüntü için yüksek 16000:1 kontrast oranıyla kazanan formül. PT-VZ580 serisi, XGA'dan WUXGA'ya kadar çözünürlükleri destekleyerek, dahili Full HD video deneyimini küçük alanlardaki büyük ekranlara taşır. Bu, etkileyici bir izleme deneyimi için keskin, ayrıntılı görüntüler sunar. Renk ayarlama ve düzeltme işlevi, özellikle yan yana yapılandırılarda çoklu projeksiyon için düzenlenen birimlerin renk reproduksiyonu aralığındaki küçük değişimleri kolaylıkla düzeltmenize olanak sağlar.



## SPECIFICATIONS

<b>Power Supply</b>	AC 100-240 V, 50/60 Hz
<b>Power Consumption *1</b>	385 W (North America), 400 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
<b>BTU Value</b>	1,314 BTU (North America), 1,365 BTU (Other countries)
<b>LCD Panel   Panel Size</b>	16.3 mm (0.64 inches) diagonal (16:10 aspect ratio)
<b>LCD Panel   Display Method</b>	Transparent LCD panel (x 3, R/G/B)
<b>LCD Panel   Drive Method</b>	Active matrix method
<b>LCD Panel   Pixels</b>	2,304,000 (1920 x 1200) x 3, total of 6,912,000 pixels
<b>Lens</b>	Manual zoom (1.6x), manual focus, F 1.6- 1.9, f 15.31 - 24.64 mm
<b>Lens   Throw Ratio</b>	1.08-1.76:1
<b>Lamp</b>	280 W UHM lamp
<b>Projection Size</b>	0.76-7.62 m (30-300 inches) diagonally, 16:10 aspect ratio
<b>Colors</b>	Full color (16,777,216 colors)
<b>Light Output *2</b>	5,500 lumens (Lamp power: Normal, Dynamic mode, Iris off, Daylight View:off, Auto Power Save:off)
<b>Center-to-Corner Uniformity</b>	85%
<b>Contrast Ratio*2</b>	16,000:1(all white/all black, Image mode:Dynamic, Lamp power: Normal, Iris: On)
<b>Resolution</b>	1280 x 800 pixels (Input signals that exceed this resolution will be converted to 1280 x 800 pixels.)
<b>Lamp Replacement Cycle</b>	Normal: 5,000 hours, Eco1: 6,000 hours, Eco2: 7,000 hours
<b>Filter Replacement Cycle</b>	7,000 hours (Period varies depending on usage environment. It can be washed and reused up to 2 times.)
<b>Scanning Frequency   HDMI/DIGITAL LINK</b>	•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
<b>Scanning Frequency   RGB</b>	fH: 15- 91kHz, fV: 24 - 100Hz, dot clock: 162 MHz or less
<b>Scanning Frequency   YPBPR (YCBCR)</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, 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
<b>Scanning Frequency   Video</b>	fH: 15.73 kHz / 15.63 kHz fV: 59.94 Hz / 50 Hz [NTSC/NTSC4.43/PAL/PAL60/PAL-N/PAL-M/SECAM]
<b>Installation</b>	CEILING/DESK/AUTO, FRONT/REAR
<b>Speaker</b>	4.0 cm round-type x 1
<b>Maximum Usable Volume Output</b>	10 W (monaural)
<b>Optical Axis Shift</b>	Vertical 0 - +44% from center of screen (manual) U/D ratio 17:1 (when on top end)

<b>Terminals   Computer 1 In</b>	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
<b>Terminals   Computer 2 In/1 Out</b>	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
<b>Terminals   Video In</b>	Pin jack 1.0 Vp-p, 75 ohms
<b>Terminals   HDMI 1 In</b>	HDMI 19 pin, HDCP and Deep color compatible Audio signals : Linear PCM (Sample frequency : 48 kHz/44.1 kHz/32 kHz)
<b>Terminals   HDMI 2 In</b>	HDMI 19 pin, HDCP and Deep color compatible Audio signals : Linear PCM (Sample frequency : 48 kHz/44.1 kHz/32 kHz)
<b>Terminals   Audio In 1</b>	M3 stereo mini jack, 0.5 V[rms], input imedance 22 k ohms and more
<b>Terminals   Audio In 2</b>	M3 stereo mini jack, 0.5 V[rms], input imedance 22 k ohms and more
<b>Terminals   Audio In 3</b>	Pin jack x 2(L-R), 0.5 V[rms], input imedance 22 k ohms and more
<b>Terminals   Variable Audio Out</b>	M3 stereo mini jack, 0 V[rms] to 2.0 V[rms] variable, output imedance 2.2 k ohms and less
<b>Terminals   USB A (Viewer/Pairing)</b>	USB connector (type A)
<b>Terminals   USB B (Diplay)</b>	USB connector (type B)
<b>Terminals   Serial In</b>	D-sub 9 pin, RS-232C compliant, for computer control use
<b>Terminals   DIGITAL LINK/LAN</b>	RJ-45, for network, DIGITAL LINK connection, PJLink™ compatible, 100Base-TX
<b>Power Cord Length</b>	3.0 m(9 ft 10 in)(India), 2.0 m(6 ft 7 in)(Other countries )
<b>Cabinet Materials</b>	Molded plastic
<b>Dimensions (W x H x D)</b>	389 x 125*4x 332mm (15-5/16 x 4-29/32*4x 13-1/16 inches)
<b>Weight *5</b>	Approx. 4.9 k g (10.8 lbs)
<b>Noise Level *2</b>	37dB (LAMP POWER: NORMAL/ECO1), 29dB (LAMP POWER: ECO2)
<b>Operating Environment   Temperature*6</b>	0°C (32°F) to 40°C (104°F) (Elevation: below 1,200 m (3,937')) 0°C (32°F) to 30°C (86°F) (Elevation: 1,200 m (3,937') - 2,700m (8,858') )
<b>Operating Environment   Humidity</b>	20% to 80% (no condensation)
<b>Note</b>	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°C (95°F) to 40°C (104°F).
<b>Brightness</b>	5300 lumens
<b>Technology</b>	LCD

URL: <https://business.panasonic.com.tr/visual-system/pt-vw545n>

## CONTACT

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