



Konzipiert für den Einsatz im Bildungswesen und in Unternehmensumgebungen. Kabelloser LCD-Projektor mit 5.300 Lumen und WXGA.

## PT-VW545N

Leichter tragbarer Projektor mit hoher Helligkeit. Konzipiert für den Einsatz im Bildungswesen und in Unternehmensumgebungen. Kontrastverhältnis von 16.000:1, verschiedene Wireless-Funktionen

### Key Features

- LCD, 5.300 Lumen, WXGA
- Verschiedene Wireless-Funktionen > Wi-Fi Certified Miracast mit Moderatormodus > Easy Wireless Pairing-Unterstützung
- Langer Lampen- und Filterwechselzyklus von bis zu 7.000 Stunden
- Kontrastverhältnis von 16.000:1



## PT-VW545N

<https://eu.connect.panasonic.com/de/de/products/projectors/pt-vw545n>

**Power Supply**  
**Power Consumption \*1**

AC 100-240 V, 50/60 Hz  
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>Auflösung</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.) •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   HDMI/DIGITAL LINK</b>	fH: 15- 91kHz, fV: 24 - 100Hz, dot clock: 162 MHz or less
<b>Scanning Frequency   RGB</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   YPBPR (YCBCR)</b>	CEILING/DESK/AUTO, FRONT/REAR
<b>Installation</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>Scanning Frequency   Video</b>	4.0 cm round-type x 1
<b>Speaker</b>	10 W (monaural)
<b>Maximum Usable Volume Output</b>	Vertical 0 - +44% from center of screen (manual) U/D ratio 17:1 (when on top end)
<b>Optical Axis Shift</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 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>	Pin jack 1.0 Vp-p, 75 ohms
<b>Terminals   Video In</b>	HDMI 19 pin, HDCP and Deep color compatible
<b>Terminals   HDMI 1 In</b>	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
<b>Terminals   Audio In 1</b>	Audio signals : Linear PCM (Sample frequency : 48 kHz/44.1 kHz/32 kHz)
<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>	M3 stereo mini jack, 0.5 V[rms], input imedance 22 k ohms and more
<b>Terminals   Variable Audio Out</b>	Pin jack x 2(L-R), 0.5 V[rms], input imedance 22 k ohms and more
<b>Terminals   USB A (Viewer/Pairing)</b>	M3 stereo mini jack, 0 V[rms] to 2.0 V[rms] variable, output imedance 2.2 k ohms and less
	USB connector (type A)

<b>Terminals   USB B (Display)</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, PLink™ 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>Abmessung (B x H x T)</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)
	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.
<b>Note</b>	*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>Helligkeit</b>	5300 lumens
<b>Technologie</b>	LCD