

# Leistungsstarke, ultrahelle tragbare Projektoren speziell für die Teamarbeit

PT-VX610

Konzipiert für den Einsatz im Bildungswesen und in Unternehmensumgebungen. LCD-Projektor mit 5.000 Lumen und XGA.



## KEY FEATURES

- LCD, 5.500 Lumen, XGA
- Langer Lampen- und Filterwechselzyklus von bis zu 7.000 Stunden
- Kontrastverhältnis von 16.000:1

	PT-VZ585N	PT-VZ580	PT-VW545N	PT-VW540	PT-VX615N	PT-VX610
Helligkeit	5.000 lm	5.000 lm	5.500 lm	5.500 lm	5.500 lm	5.500 lm
Auflösung	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

- **Tragbare Projektoren mit hoher Helligkeit**
- **Hohes Kontrastverhältnis für schärfere Bilder**
- **Filter mit doppelter Lebensdauer**

- **Einfache drahtlose Anbindung**
- **Flexible kabelgebundene Installation**

## Da geht Ihrem Publikum ein Licht auf – mit einer Helligkeit von bis zu 5.500 lm

Die ultrahellen Modelle der tragbaren Projektorensreihe PT-VZ580 bieten zwischen 5.000 lm und 5.500 lm an Lichtleistung. Sie reproduzieren tiefe Schwarzwerte, deutliche Glanzlichter sowie gestochen scharfe Grafiken und gut lesbaren Text.

## Bildgewaltige Projektionen

Das Erfolgsrezept für brillante Projektionen wird durch das hohe Kontrastverhältnis von 16.000:1 ergänzt. Die PT-VZ580-Serie zeichnet sich durch eine Auflösung von XGA bis WUXGA aus und erweckt native FullHD-Videos auf großen Projektionsflächen zum Leben – auch in kleinen Räumen. Dies ermöglicht eine gestochen scharfe Darstellung und ein immersives Betrachtungserlebnis. Durch Farbanpassung und Farbkorrektur können leichte Abweichungen bei der Farbwiedergabe korrigiert werden, wenn mit mehreren Projektoren Bilder nebeneinander projiziert werden.



## 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>	1.17-1.90:1
<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>	1024 x 768 pixels (Input signals that exceed this resolution will be converted to 1024 x 768 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 - +40% from center of screen (manual) U/D ratio 9:1 (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 (DC Out)</b>	USB connector (type A)
<b>Terminals   Serial In</b>	D-sub 9 pin, RS-232C compliant, for computer control use
<b>Terminals   LAN</b>	RJ-45, for network, 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>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 kg (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>Helligkeit</b>	5500 lumens
<b>Technologie</b>	LCD

URL: <https://business.panasonic.de/visuelle-systeme/pt-vx610>

## CONTACT

Web: <https://business.panasonic.de/visuelle-systeme/contact-us>