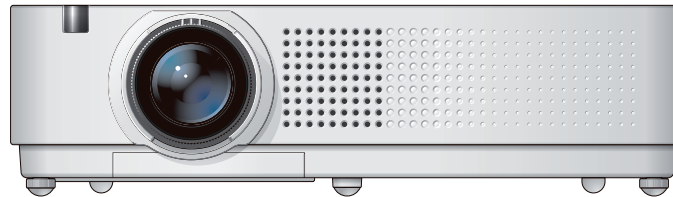


High Brightness of 4,000 lm*¹ in a Compact, 3.5-kg*² Body Enhanced Basic Performance Expands Application Possibilities



PT-VW330	PT-VX400	PT-VX400NT
3,000 lm	4,000 lm	4,000 lm
WXGA (1,280 x 800)	XGA (1,024 x 768)	XGA (1,024 x 768)
Wired LAN	Wired LAN	Wired LAN, Wireless LAN
Available from September 2011	Available from September 2011	Available in 2011

Superb Basic Performance in a Compact, 3.5-kg*² Body

- 4,000 lm (PT-VX400/VX400NT) / 3,000 lm (PT-VW330) of brightness and 2,000:1 contrast produce bright, easy-to-see, high-quality images.
- A 5,000-hour lamp replacement cycle in Eco mode (Eco1, Eco2).^{*3}
- An original 3-layer air filter has enabled a 5,500-hour^{*4} filter replacement cycle, greatly reducing the amount of maintenance time required.
- Inorganic materials in the LCD panels and polarizers add durability to the optical block to maintain longer image quality.
- The 29-dB^{*5} silent design will not interrupt meetings or classes.

Versatile, Environmentally Friendly Performance

- The intelligent lamp control system expands the lamp control (brightness adjustment) range to a maximum of 70%, reducing power consumption.
- In Eco mode (Eco1, Eco2) and Auto mode, a display shows the total amount of reduced power consumption and decreased CO₂ emission. It can be shown by day, month or year.
- Environment-friendly, low standby power consumption of less than 0.5 W (Standby mode: Eco).^{*6}

Convenient Functions for Portable and Ceiling-Mounted Applications

Common Features for the PT-VW330 Series:

- The 1.6x zoom lens allows installation in a wide variety of locations.
- Auto Vertical Keystone Correction, Auto Input Signal Search, and a Guidance function enable easy setup.
- Features a 10-watt speaker and microphone input to enable audio playback directly from the projector.
- Multiple terminals including HDMI and two RGB input terminals.
- Web browser control over a wired LAN, Multi Projector Monitoring & Control Software, and PJLink™ compatibility.
- Picture-in-Picture function.^{*7} (PT-VW330 only)
- Direct Power Off allows the power cord to be unplugged right after use.
- Easy lamp replacement from the projector's top panel.
- Effective theft prevention with a Startup Logo and easy uploading of a new logo with Logo Transfer software.
- Allows allocation of six remote control IDs.
- Password function assures high security.
- Includes a bag for carrying the projector around.

Features for the PT-VX400NT Only:

- An Easy Setting function reduces the time and hassle for setting up the projector.
 - Screen Fitting automatically adjusts the screen size.
 - Horizontal/vertical Auto Keystone correction.
 - Wall Color Correction recognizes the color of the projector screen and automatically adjusts the white balance.
 - Focus Assistance enables real time display of focusing level on screen.
- Wireless function enables convenient cable-free projection. Also supports transmission from iOS devices.
- The USB Memory Viewer function lets you project images without a PC.
- The USB Display function lets you project images using a USB cable.^{*8}

*1 The PT-VW330 has a brightness of 3,000 lm.

*2 3.6 kg for the PT-VX400NT.

*3 The lamp replacement cycle is 3,000 hours for Normal mode.

*4 The usage environment affects the duration of the filter.

*5 Lamp mode: Eco1, Eco2

*6 When the standby mode is set to eco, network functions such as power on over the LAN will not operate. Also, only certain commands can be received for external control using the serial terminal.

*7 This function cannot be used with some input signals and selected inputs.

*8 The USB Display function requires a PC in which Wireless Manager mobile edition 5.5 has been installed.

Specifications (Tentative)

Model		PT-VW330	PT-VX400	PT-VX400NT
Power supply		100-240 V AC, 50/60Hz		
LCD panel	Panel size	15 mm (0.59 inches) diagonal (16:10 aspect ratio)	16 mm (0.63 inches) diagonal (4:3 aspect ratio)	
	Display method	Transparent LCD panel (x 3, R/G/B)		
	Pixels	1,024,000 (1,280 × 800) x 3, total of 3,072,000 pixels	786,432 (1,024 × 768) x 3, total of 2,359,296 pixels	
Lens		1.6x manual zoom (throw ratio: 1.18–1.91:1), manual focus F 1.65–2.33, f 15.47–24.53 mm		
Lamp		245 W × 1, lamp replacement cycle (Normal/Eco): 3,000 hours/5,000 hours*1		
Screen size (diagonal)		0.77–8.08 m (30–300 inch)		
Brightness*2		3,000 lm	4,000 lm	
Center-to-corner uniformity*2		85%		
Contrast*2		2,000:1 (full on/full off, lamp mode: Auto)		
Resolution		1,280 × 800 pixels (Input signals that exceed this resolution will be converted to 1,280 × 800 pixels.)	1,024 × 768 pixels (Input signals that exceed this resolution will be converted to 1,024 × 768 pixels.)	
Scanning frequency	RGB	fH: 15–100 kHz, fV: 50–100 Hz, dot clock: 140 MHz or lower (Signals exceeding the dot clock rate of 165 MHz are downsampled.)		
	YPbPr (YCaCr)	fH: 15.75 kHz, fV: 60 Hz [480i(525i)] fH: 15.63 kHz, fV: 50 Hz [576i(625i)] fH: 31.50 kHz, fV: 60 Hz [480p(525p)]	fH: 31.25 kHz, fV: 50 Hz [576p(625p)] fH: 45.00 kHz, fV: 60 Hz [720(750)/60p] fH: 37.50 kHz, fV: 50 Hz [720(750)/50p]	fH: 33.75 kHz, fV: 60 Hz [1080(1125)/60i] fH: 28.13 kHz, fV: 50 Hz [1080(1125)/50i]
	Video/S-Video	fH: 15.75 kHz, fV: 60 Hz [NTSC/NTSC4.43/PAL-M/PAL60], fH: 15.63 kHz, fV: 50 Hz [PAL/PAL-N/SECAM]		
HDMI		Horizontal: 15–80 kHz, vertical: 50–85 Hz, dot clock: 162 MHz or lower (analog)		
Optical axis shift		49:1	9:1	
Keystone correction range		Vertical: ±30° (±20° when Auto mode)		Vertical: ±40°, Horizontal: ±40°
Installation		Ceiling/floor, front/rear		
Terminals	HDMI IN	HDMI 19-pin x 1 480p, 576p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p (non-interlaced signals only), VGA (640 x 480)–WUXGA (1,920 x 1,200), dot clock: 25–162 MHz		
	COMPUTER 1 IN	D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCr x 1)		
	COMPUTER 2 IN/OUT	D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCr x 1), (input/output selectable using on-screen menu)		
	VIDEO IN	RCA pin x 1 (composite video)		
	S-VIDEO IN	Mini DIN 4-pin x 1 (S-Video)		
	AUDIO IN	RCA pin x 2 (L-R x 1) for VIDEO/S-VIDEO input		
	COMPUTER AUDIO IN	M3 x 2 (L-R x 2) for COMPUTER 1/COMPUTER 2 input, COMPUTER AUDIO IN 2 is available for microphone input (variable)		
	AUDIO OUT	M3 x 1 (L-R x 1) for output (variable)		
	SERIAL IN	D-sub 9-pin (male) x 1 for external control (RS-232C compliant)		
	LAN	RJ-45 x 1 (for network connection, 10Base-T/100Base-TX, compliant with PjLink™)		
	USB	–		USB type-A (USB Memory Viewer) x 1 USB type-B (USB Display or Mouse Control) x 1
	Wireless LAN	– IEEE802.11b/g/n		
Built-in speaker	3.7 cm round shape x 1, output power: 10 W (monaural)			
Noise level	35 dB (lamp mode: Normal), 29 dB (lamp mode: Eco1, Eco2)			
Cabinet materials		Molded plastic		
Dimensions (W × H × D)		350 x 87.5 x 276.9 mm (13.8 x 3.4 x 10.9 inch) (not including protruding parts)		
Weight		Approximately 3.5 kg (7.7 lbs)	Approximately 3.6 kg (8 lbs)	
Operating environment		Operating temperature: 5°C–35°C (41°F–95°F)		
Supplied accessories		Power cord x 1, wireless remote control unit, batteries (R03/AAA type x 2), carrying bag x 1, VGA cable x 1, filter cover, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software, Wireless Manager mobile edition*3)		

*1 The values given for the recommended lamp replacement cycles are maximum.

*2 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.

*3 Wireless Manager mobile edition is for the PT-VX400NT only.

Optional accessories

Replacement lamp unit ET-LAV100	Replacement filter unit ET-RFV100	Ceiling mount bracket*4 ET-PKV100H (for high ceilings) ET-PKV100S (for low ceilings)	Bracket assembly ET-PKV100B
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*4 This product is used together with an optional bracket assembly (sold separately).

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