PT-VX425N
Lightweight Body and Extended Lamp Replacement Cycle

The PT-VX425N features 10,000:1 contrast ratio, and thanks to an innovative cooling system, they are the lightest in their class. It is incredibly quiet to operate at 37dB in normal mode, and 29dB in eco mode. Lamp replacement has also been extended to 5,000 hours (7,000 hours in Eco Mode), resulting in lower total cost of ownership.

Superb Imaging Performance

The PT-VX425N is the industry's lightest and smallest LCD projector, with capability for wireless mirroring of PC and Android™ devices. Projecting 4500 lm brightness in XGA resolution, it is also equipped with Daylight View Basic function for clear and bright images in well-lit rooms.

4,500 Lumens Brightness
XGA Resolution
Wireless Projection

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Power supply		100-240 V AC, 50/60 Hz
Power consumption		100-120 V: 310 W, 220-240 V AC: 290 W (0.4 W when Standby mode set to ECO*[1], 5 W when Standby mode set to Network, 14 W when Standby mode set to Normal)
LCD panel	Panel size	16.0 mm (0.63 in) diagonal (4:3 aspect ratio)
	Display method	Transparent LCD panel (x 3, R/G/B)
	Pixels	786,432 (1024 x 768) pixels
Lens		Manual zoom (1.6x) (throw ratio: 1.2-1.9:1), manual focus, F 1.60-2.12, f 15.30-24.64 mm
Screen size (diagonal)		0.76-7.62 m (30-300 in), 4:3 aspect ratio

Resolution		1,024 x 768 pixels*³
Brightness*²		4,500 lm (input signals: PC, lamp power: Normal, picture mode: Dynamic)
Lamp	Lamp	230 W x 1 lamp (240 W driven)
	Lamp replacement cycle	5,000 h/7,000 h (lamp power: Normal/Eco)
Center-to-corner uniformity*²		85%
Contrast*²		10,000:1 (Full On/Off) (input signals: PC, lamp power: Normal, picture mode: Dynamic, IRIS: On)
Scanning frequency	HDMI IN	fH: 15-80 kHz, fV: 50-85 Hz, dot clock: 162 MHz or lower
	RGB	fH: 15-100 kHz, fV: 50-100 Hz, dot clock: 162 MHz or lower (Signals exceeding the dot clock rate of 140 MHz are downsampled.)
	YPBPR(YCBCR)	fH: 15.75 kHz, fV: 59.94 Hz [525i (480i)] fH: 31.50 kHz, fV: 60 Hz [525p (480p)] fH: 45.00 kHz, fV: 60 Hz [750p (720)/60p] fH: 33.75 kHz, fV: 60 Hz [1125 (1080)/60i] fH: 28.13 kHz, fV: 25 Hz [1125 (1080)/25p] fH: 27.00 kHz, fV: 48 Hz [1125 (1080)/24sF] fH: 67.50 kHz, fV: 60 Hz [1125 (1080)/60p] fH: 15.63 kHz, fV: 50 Hz [625i (576i)] fH: 31.25 kHz, fV: 50 Hz [625p (576p)] fH: 37.50 kHz, fV: 50 Hz [750p (720)/50p] fH: 28.13 kHz, fV: 50 Hz [1125 (1080)/50i] fH: 27.00 kHz, fV: 24 Hz [1125 (1080)/24p] fH: 33.75 kHz, fV: 30 Hz [1125 (1080)/30p] fH: 56.25 kHz, fV: 50 Hz [1125 (1080)/50p]
	Video/S-Video	fH: 15.75 kHz, fV: 60 Hz [NTSC/NTSC4.43/PAL-M/PAL60], fH: 15.63 kHz, fV: 50 Hz [PAL/SECAM/PAL-N]
Optical axis shift		9:1 (fixed)

Keystone correction range	Vertical	±40 ° (±30 ° when using Easy Setting) (maximum value of XGA input)
	Horizontal	±30 ° (±20 ° when using Easy Setting) (maximum value of XGA input)
Installation		Ceiling/floor, front/rear
Terminals	HDMI IN	HDMI 19-pin x 1 (compatible with HDCP, Deep Color) 480i, 480p, 576i, 576p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, 1080/30p, 1080/25p, 1080/24p, 1080/24sF, VGA (640 x 480)-WUXGA (1,920 x 1,200), audio signal: linear PCM (sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)
	COMPUTER 1 IN	D-sub HD 15-pin (female) x 1 (RGB/YP_BP_R/YC_BC_R x 1)
	COMPUTER 2 IN / MONITOR OUT	D-sub HD 15-pin (female) x 1 (RGB x 1), (input/output selectable using on-screen menu)
	VIDEO IN	Pin jack x 1 (Composite VIDEO)
	S-VIDEO IN	Mini DIN 4-pin x 1 (S-VIDEO)
	AUDIO IN 1	M3 x 1 (L-R x 1)
	AUDIO IN 2 (MIC IN)	M3 x 1 (L-R x 1) for audio input or for microphone connection (variable)
	AUDIO IN 3	Pin jack x 2 (L, R x 1)
	AUDIO OUT	M3 x 1 (L-R x 1) for output (variable)
	LAN	RJ-45 x 1 (for network connection, 10BASE-T/100BASE-TX, compliant with PJLink™)

	SERIAL IN	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)	
	USB-Type A	for Memory Viewer x 1	
	USB-Type B	for USB Display x 1	
Built-in speaker		4.0 cm (1-9/16 in) round shape x 1, output power: 10.0 W (monaural)	
Operation noise*2		37 dB (lamp power: Normal), 29 dB (lamp power: Eco)	
Cabinet materials		Molded plastic (PC)	
Dimensions (W x H x D)		352 x 98*4 x 279.4*5 mm (13-27/32 x 3-27/32*4 x 11*5 in)	
Weight*6		Approx. 3.4 kg (7.5 lbs)	
Operating temperature		0-40 °C [32-104 °F] (less than 1,400 m [4,593 ft] above sea level, HIGH ALTITUDE MODE: OFF)	
Operating humidity		10-80 % (no condensation)	
Wireless	Standard	2.4 GHz: IEEE802.11b/g/n, 5.0 GHz: IEEE802.11a/n	
	Infrastructure mode	WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES), 128 bit/64 bit WEP, WPA-EAP/WPA2-EAP (PEAP [MS-CHAPv2/GTC], EAP-FAST [MS-CHAPv2/GTC], EAP-TTLS [MD5/MS-CHAPv2])128 bit/64 bit	