Panasonic

PT-VZ570 Series
LCD Projectors

PT-**VZ575**N / PT-**VZ570**
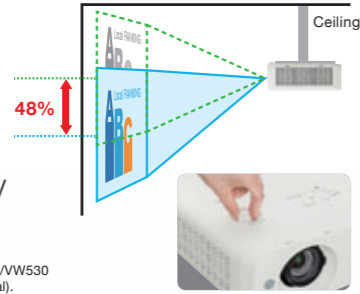PT-**VW535**N / PT-**VW530**
PT-**VX605**N / PT-**VX600**

For Meetings and Lectures

Just right

Vertical Lens Shift

Move Image Vertically without Distortion

Illustration shows lens shift capability of the PT-VW535N/VW530 with up to 48% adjustment from center of screen (manual).

Ceiling

48%

	PT-VZ575N / VZ570	PT-VW535N / VW530	PT-VX605N / VX600
Vertical Lens Shift	0 – +44%	0 – +48%	0 – +40%

Filter & Lamp Replacement Cycle

7,000 hrs.[*1]

DIGITAL LINK
SINGLE CABLE SOLUTION

DIGITAL LINK
PT-VZ575N / VW535N / VX605N

HDMI x 2

Silent 29 dB[*2]
Operation

Versatile LCD Portable Projector with

WUXGA

1,920 x 1,200 Resolution
PT-VZ575N / VZ570

PT-**VZ575**N / **VZ570**

4,800 lm	WUXGA	10,000 : 1

PT-**VW535**N / **VW530**

5,000 lm	WXGA	10,000 : 1

PT-**VX605**N / **VX600**

5,500 lm	XGA	10,000 : 1

*1 With lamp power set to Eco. Up to 5,000 hours with lamp power set to Normal. Usage environment affects the lamp and filter replacement cycle.
*2 With lamp power set to Eco.

Memory Viewer
for PC-less Projection
PT-VZ575N / VW535N / VX605N

MEMORY VIEWER

USB

Work as a
Group
Actively Collaborate with Your Team

Project
Wirelessly
Your Way
Quick 3-Step Projection
PT-VZ575N / VW535N / VX605N

1 Select Input

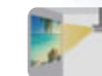Via remote   Via projector

Panasonic APPLICATION

2 Open App and Choose Network ID

Panasonic

3 Select Content and PROJECT!

Wireless connection using iOS and Android apps and PC software has been streamlined. Select the appropriate input, open the app, choose a network ID, select content, and start your presentation.
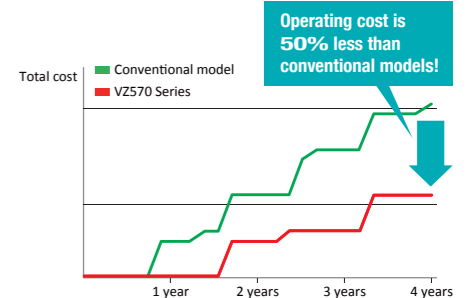
High Value
Cost-Performance Ratio and Efficiency

Lamp and filter replacement cycle is greatly extended with the usual cost of maintenance halved in Normal mode.

Operating cost is 50% less than conventional models!

Total cost

- Conventional model
- VZ570 Series

1 year   2 years   3 years   4 years

Outstanding Picture Quality

Introducing WUXGA*¹ Resolution to Portable Projection

The PT-VZ575N/VZ570 portable LCD projectors feature WUXGA (1920 x 1200 pixel) resolution to bring native Full HD video to big screens in small spaces. Images are pin-sharp, liquid-smooth, and loaded with detail for an immersive viewing experience.

Exceptionally Bright and Clear Image Quality

The compact and lightweight PT-VZ570 Series outputs up to an impressive 5,500 lm*². High brightness brings colors to life, adding punch and realism to presentations in well-lit rooms.
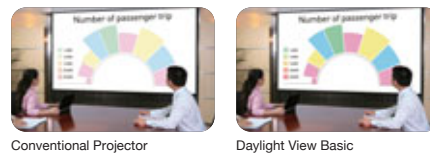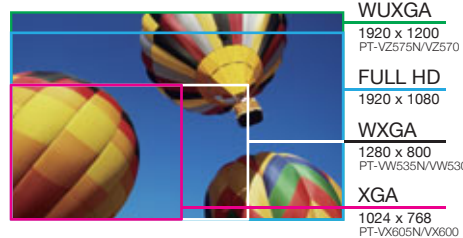
Whisper-Quiet Operation

The PT-VZ570 Series produces a barely audible 29 dB*³ in Eco Mode. Your audience won't have to strain to hear in quiet scenes or be distracted by unwanted noise.

High 10,000:1 Contrast Ratio

Panasonic's winning formula for imaging brilliance is completed by a high 10,000:1 contrast ratio. Expect deep blacks, pure highlights, and crisp, easy to read text and graphics.

Daylight View Basic Suits Ambient Conditions

Daylight View Basic prevents the picture from washing out in bright rooms by sensing ambient light levels and adjusting the picture accordingly. Halftone color and brightness are automatically optimized to make images sharper and brighter in any environment.

WUXGA
1920 x 1200
PT-VZ575N/VZ570

FULL HD
1920 x 1080

WXGA
1280 x 800
PT-VW535N/VW530

XGA
1024 x 768
PT-VX605N/VX600

Conventional Projector   Daylight View Basic

Flexible Installation and Lower TCO

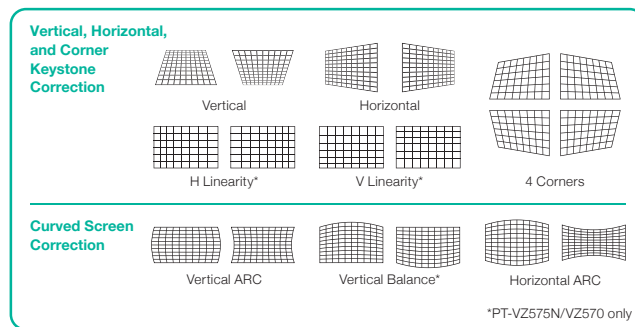## Lamp and Filter Replacement Extended to 7,000 Hours*⁴

The PT-VZ570 Series extends lamp and filter operational life to an impressive 7,000 hours*⁴ in Eco mode. It also halves the usual cost of projector maintenance in Normal mode. When maintenance is eventually due, you can replace both the lamp and filter at the same time (when used in Eco mode), even with the projector mounted on the ceiling.

Distortion-Free Vertical Lens Shift

The PT-VZ570 Series features a Vertical Lens Shift function that allows you to move the image up or down without distorting the picture. This is useful for quick image corrections in portable applications.

Vertical, Horizontal, and Corner Keystone Correction

Vertical   Horizontal

H Linearity*   V Linearity*   4 Corners

Curved Screen Correction

Vertical ARC   Vertical Balance*   Horizontal ARC

*PT-VZ575N/VZ570 only

Horizontal, Vertical, and Corner Keystone Correction

Horizontal, vertical, and corner keystone correction adjusts the image shape for clear visibility when projecting off-axis or from an unusual angle. Should the vertical projection angle be altered during operation, Real-time Keystone Correction senses the change and makes any necessary corrections for optimal viewing.

Project onto Curved Surfaces

Curved Screen Correction, meanwhile, allows you to project natural, distortion-free images onto curved or cylindrical surfaces (such as sculpted corporate reception walls, large pillars, etc.).

Compatible with Leading Control Systems

The PT-VZ570 Series plugs into existing projection networks controlled by Crestron Connected™, PJLink™ Class 1, and AMX software. Multi-Projector and Monitoring Software enables control of multiple projectors from a PC.

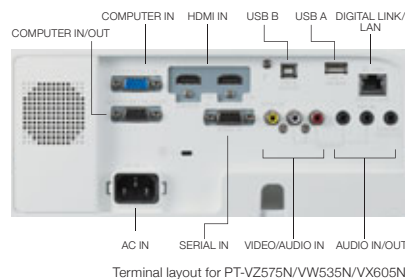Images can be projected onto curved surfaces.

Project in Small or Large Spaces with 1.6x Zoom

PT-VZ570 Series projectors can be positioned almost anywhere with a variety of projection distances made possible by the 1.6x zoom lens function. The PT-VZ575N/VZ570, for example, enables projection distances of between 2.4 and 3.8 meters (7.7 to 12.5 feet) from a 100-inch-wide screen for large-format pictures in small, medium, or large rooms.

More Input Terminals Means More Versatility

Whether you're planning to install your PT-VZ570 Series projector on the ceiling or take it with you to a meeting, a generous selection of input terminals are included to connect a variety of source devices. These include two HDMI terminals and two RGB D-Sub ports for PC.

COMPUTER IN   HDMI IN   USB B   USB A   DIGITAL LINK/LAN
COMPUTER IN/OUT

AC IN   SERIAL IN   VIDEO/AUDIO IN   AUDIO IN/OUT

Terminal layout for PT-VZ575N/VW535N/VX605N.

Share and Collaborate Your Way

Connect and Project Wirelessly from Almost Any Device

The PT-VZ575N, VW535N, and VX605N models let your team share and collaborate from iOS and Android devices as well as from Windows® and Mac computers, with streamlined 3-step connection for quick and easy wireless projection. You can:

- Connect any Miracast-compatible device and mirror whatever is on your screen, from Full HD video to websites and PowerPoint® documents
- Download free apps for iOS and Android devices and project a wide range of media*⁵ quickly and easily
- Transfer data from the screen of your PC or laptop via wireless LAN*⁶ using Wireless Manager ME 6.2 software*⁷, which features a new interface for faster connection. Multi-Live Mode enables simultaneous projection from up to 16 computers in split-screen mode
- Plug our Easy Wireless Stick*⁸ into your PC's USB port and project a wide variety of content—no app installation required.

4-Window Multi Style   4-Window Index Style   16-Window Index Style

Easy Wireless Stick
（ET-UW100）

USB Inputs for Portable Projection

You don't even need to a smartphone or PC to start projecting on the PT-VZ575N, VW535N, and VX605N models. The Memory Viewer function is a convenient way to project stills and video stored on USB memory devices, with MOV, AVI, MPG4, WMV, JPEG, and BMP files all supported*⁹. An additional USB port is included for PC connection*¹⁰.

DIGITAL LINK Makes Ceiling Installation Simple and Inexpensive

Developed using HDBaseT™ technology, the DIGITAL LINK connection*¹¹ routes uncompressed Full HD video, audio, and Ethernet/RS-232C control commands through a single cable for distances of up to 100 m (328 ft). This greatly simplifies installation (especially when the projector is incorporated into an existing network or control system) while saving money on cable costs.

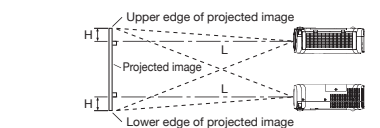**DIGITAL LINK**
SINGLE CABLE SOLUTION

Additional Features

- Direct Power Off function enables safe projector shutdown via breaker switch
- Anti-theft measures include customizable startup logo, password protection, and security bar
- Auto Input Signal Search selects the input channel based on incoming signals
- Color-Board and Blackboard color-adjustment modes for projection in rooms without a screen
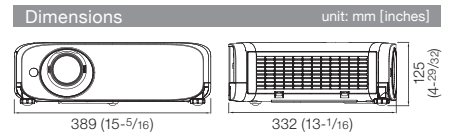
Projection distance
unit: meters [feet]

PT-VZ575N / VZ570
(16:10 aspect ratio; throw ratio 1.1–1.8:1, UD ratio 17:1)

Projection image size	Projection distance				Height from the edge of screen to center of lens	
Diagonal (inch)	min. (wide)		max. (tele)			
30˝	0.7	[2.2]	1.1	[3.7]	0.02 – 0.20	[0.07 – 0.66]
40˝	0.9	[3.0]	1.5	[4.9]	0.03 – 0.27	[0.1 – 0.88]
50˝	1.2	[3.8]	1.9	[6.2]	0.04 – 0.34	[0.12 – 1.11]
60˝	1.4	[4.6]	2.3	[7.5]	0.05 – 0.40	[0.15 – 1.33]
70˝	1.6	[5.4]	2.7	[8.7]	0.05 – 0.47	[0.17 – 1.55]
80˝	1.9	[6.2]	3.0	[10.0]	0.06 – 0.54	[0.2 – 1.77]
90˝	2.1	[6.9]	3.4	[11.2]	0.07 – 0.61	[0.22 – 1.99]
100˝	2.4	[7.7]	3.8	[12.5]	0.08 – 0.67	[0.25 – 2.21]
120˝	2.8	[9.3]	4.6	[15.0]	0.09 – 0.81	[0.3 – 2.65]
150˝	3.5	[11.6]	5.7	[18.8]	0.11 – 1.01	[0.37 – 3.31]
200˝	4.7	[15.5]	7.6	[25.1]	0.15 – 1.35	[0.49 – 4.42]
250˝	5.9	[19.4]	9.6	[31.4]	0.19 – 1.68	[0.61 – 5.52]
300˝	7.1	[23.3]	11.5	[37.7]	0.22 – 2.02	[0.73 – 6.62]

PT-VW535N / VW530
(16:10 aspect ratio; throw ratio 1.2–1.9:1, UD ratio 49:1)

Projection image size	Projection distance				Height from the edge of screen to center of lens	
Diagonal (inch)	min. (wide)		max. (tele)			
30˝	0.7	[2.4]	1.2	[4.0]	0.01 – 0.20	[0.03 – 0.66]
40˝	1.0	[3.3]	1.6	[5.3]	0.01 – 0.27	[0.036 – 0.88]
50˝	1.2	[4.1]	2.0	[6.7]	0.01 – 0.34	[0.043 – 1.11]
60˝	1.5	[4.9]	2.4	[8.0]	0.02 – 0.40	[0.05 – 1.33]
70˝	1.8	[5.8]	2.9	[9.4]	0.02 – 0.47	[0.06 – 1.55]
80˝	2.0	[6.6]	3.3	[10.7]	0.02 – 0.54	[0.07 – 1.77]
90˝	2.3	[7.4]	3.7	[12.1]	0.02 – 0.61	[0.08 – 1.99]
100˝	2.5	[8.3]	4.1	[13.5]	0.03 – 0.67	[0.09 – 2.21]
120˝	3.0	[9.9]	4.9	[16.2]	0.03 – 0.81	[0.1 – 2.65]
150˝	3.8	[12.5]	6.2	[20.2]	0.04 – 1.01	[0.13 – 3.31]
200˝	5.1	[16.6]	8.2	[27.0]	0.05 – 1.35	[0.18 – 4.42]
250˝	6.3	[20.8]	10.3	[33.8]	0.07 – 1.68	[0.22 – 5.52]
300˝	7.6	[25.0]	12.4	[40.6]	0.08 – 2.02	[0.3 – 6.62]

PT-VX605N / VX600
(4:3 aspect ratio; throw ratio 1.2–1.9:1, UD ratio 9:1)

Projection image size	Projection distance				Height from the edge of screen to center of lens	
Diagonal (inch)	min. (wide)		max. (tele)			
30˝	0.7	[2.3]	1.1	[3.7]	0.05 – 0.23	[0.15 – 0.75]
40˝	0.9	[3.1]	1.5	[5.0]	0.06 – 0.31	[0.2 – 1.0]
50˝	1.2	[3.8]	1.9	[6.3]	0.08 – 0.38	[0.25 – 1.25]
60˝	1.4	[4.6]	2.3	[7.6]	0.09 – 0.46	[0.3 – 1.5]
70˝	1.7	[5.4]	2.7	[8.8]	0.11 – 0.53	[0.35 – 1.75]
80˝	1.9	[6.2]	3.1	[10.1]	0.12 – 0.61	[0.4 – 2.0]
90˝	2.1	[7.0]	3.5	[11.4]	0.14 – 0.69	[0.45 – 2.25]
100˝	2.4	[7.8]	3.9	[12.7]	0.15 – 0.76	[0.5 – 2.5]
120˝	2.9	[9.4]	4.6	[15.2]	0.18 – 0.91	[0.6 – 3.0]
150˝	3.6	[11.7]	5.8	[19.1]	0.23 – 1.14	[0.75 – 3.75]
200˝	4.8	[15.7]	7.8	[25.4]	0.31 – 1.52	[1.0 – 5.0]
250˝	6.0	[19.6]	9.7	[31.8]	0.38 – 1.91	[1.25 – 6.25]
300˝	7.2	[23.5]	11.6	[38.2]	0.46 – 2.29	[1.5 – 7.5]

Optional accessories

ET-PKL100H
Ceiling Mount Bracket for High Ceilings

ET-PKL100S
Ceiling Mount Bracket for Low Ceilings

ET-LAV400
Replacement Lamp Unit

ET-UW100*⁸
Easy Wireless Stick

ET-PKV400B
Projector Mount Bracket

ET-RFV400
Replacement Filter Unit

ET-YFB100G
Digital Interface Box

Brackets included for various installation needs, including server rack (EIA standards) mounting.

ET-SWA100 Series
Early Warning Software

Upper edge of projected image
Projected image
Lower edge of projected image

- The value for L (distance to screen) varies slightly depending on the zoom lens characteristics.
- At the shortest projection distance, the zoom lens characteristics may cause slight image distortion.

Dimensions
unit: mm [inches]

389 (15-⁵/₁₆)   332 (13-¹/₁₆)   125 (4-29/32)

Specifications

Model	PT-VZ575N	PT-VZ570	PT-VW535N	PT-VW530	PT-VX605N	PT-VX600
Power supply	AC 120 V, 50/60 Hz (North America), AC 110 V, 60 Hz (Taiwan), AC 100–240 V, 50/60 Hz (other countries)					
Power consumption	380 W (North America), 386 W (Taiwan), 386 W (other countries)	372 W (North America), 378 W (Taiwan), 378 W (other countries)	363 W (North America), 369 W (Taiwan), 369 W (other countries)	356 W (North America), 362 W (Taiwan), 362 W (other countries)	363 W (North America), 369 W (Taiwan), 369 W (other countries)	356 W (North America), 362 W (Taiwan), 362 W (other countries)

		PT-VZ575N	PT-VZ570	PT-VW535N	PT-VW530	PT-VX605N	PT-VX600
Standby power consumption	Standby Mode (Eco) *1	0.2 W (North America), 0.2 W (Taiwan), 0.4 W (other countries)					
	Standby Mode (Normal)	14 W	8 W	14 W	8 W	14 W	8 W
LCD panel	Panel size	0.64 inches (1.63 cm) (16:10 aspect ratio)		0.59 inches (1.50 cm) (16:10 aspect ratio)		0.63 inches (1.60 cm) (4:3 aspect ratio)	
	Display method	Transparent LCD panel (× 3, R/G/B)					
	Pixels	2,304,000 (1,920 × 1,200) × 3, total of 6,912,000 pixels		1,024,000 (1,280 × 800) × 3, total of 3,072,000 pixels		786,432 (1,024 × 768) × 3, total of 2,359,296 pixels	
Lens		1.6x manual zoom (throw ratio: 1.1–1.8:1), manual focus F 1.60–2.12, f 15.30–24.64 mm		1.6x manual zoom (throw ratio: 1.2–1.9:1), manual focus F 1.60–1.90, f 15.31–24.64 mm			
Lamp		270 W UHM lamp × 1					
Screen size (diagonal)		30–300 inches					
Brightness*2		4,800 lm (input signal: PC, lamp power: Normal, picture mode: Dynamic)		5,000 lm (input signal: PC, lamp power: Normal, picture mode: Dynamic)		5,500 lm (input signal: PC, lamp power: Normal, picture mode: Dynamic)	
Center-to-corner uniformity*2		85 %					
Contrast*2		10,000:1 (all white/all black) (input signal: PC, lamp power: Normal, picture mode: Dynamic, Iris: on)					
Resolution		1,920 × 1,200 pixels		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	HDMI	525i (480i)*3, 625i (576i)*3, 525p (480p), 625p (576p), 750 (720)/60p, 750 (720)/50p, 1125 (1080)/24p, 1125 (1080)/24sF, 1125 (1080)/25p, 1125 (1080)/30p, 1125 (1080)/60p, 1125 (1080)/50p, 1125 (1080)/60i, 1125 (1080)/50i Displayable resolution: VGA to WUXGA (non-interlace), Dot clock frequency: 25 MHz to 162 MHz					
	RGB (analog)	fH: 15 kHz – 91 kHz, fv: 24 Hz – 100 Hz, dot clock: 162 MHz or lower					
	YPbPr (YCbCr)	fH: 15.73 kHz, fv: 59.94 Hz [525i (480i)] fH: 15.63 kHz, fv: 50 Hz [625i (576i)] fH: 31.47 kHz, fv: 59.94 Hz [525p (480p)] fH: 31.25 kHz, fv: 50 Hz [625p (576p)] fH: 45.00 kHz, fv: 60 Hz [750 (720)/60p]	fH: 37.50 kHz, fv: 50 Hz [750 (720)/50p] fH: 33.75 kHz, fv: 60 Hz [1125 (1080)/60i] fH: 28.13 kHz, fv: 50 Hz [1125 (1080)/50i] fH: 28.13 kHz, fv: 25 Hz [1125 (1080)/25p] fH: 27.00 kHz, fv: 24 Hz [1125 (1080)/24p]	fH: 27.00 kHz, fv: 48 Hz [1125 (1080)/24sF] fH: 33.75 kHz, fv: 30 Hz [1125 (1080)/30p] fH: 67.50 kHz, fv: 60 Hz [1125 (1080)/60p] fH: 56.25 kHz, fv: 50 Hz [1125 (1080)/50p]			
	Video/S-Video	fH: 15.73 kHz/15.63 kHz, fv: 59.94 Hz/50 Hz (NTSC/NTSC4.43/PAL/PAL60/PAL-N/PAL-M/SECAM)					
Optical axis shift		Vertical 0–+44% from center of screen (manual), U/D ratio on top end: 17:1		Vertical 0–+48% from center of screen (manual), U/D ratio on top end: 49:1		Vertical 0–+40% from center of screen (manual), U/D ratio on top end: 9:1	
Keystone correction range		Vertical: maximum ±25° (auto/manual, input: WUXGA), Horizontal: maximum ±30° (manual, input: WUXGA)		Vertical: maximum ±35° (auto/manual, input: WXGA), Horizontal: maximum ±35° (manual, input: WXGA)		Vertical: maximum ±35° (auto/manual, input: XGA), Horizontal: maximum ±35° (manual, input: XGA)	
Installation		Front ceiling / Front desk / Rear ceiling / Rear desk					
Terminals		HDMI IN: HDMI 19-pin × 2 (Deep Color, compatible with HDCP), audio signal: Linear PCM (sampling frequency: 48 kHz/44.1 kHz/32 kHz)					
		COMPUTER IN 1: D-sub 15-pin (female) x 1 (RGB/Y • Pb (Cb) • Pr (Cr)/S-Video)					
		COMPUTER IN 2/MONITOR OUT: D-sub 15-pin (female) x 1 (RGB/Y • Pb (Cb) • Pr (Cr) (input/output switching))					
		VIDEO IN: Pin jack x 1					
		AUDIO IN 1: M3 jack (L/R) x 1					
		AUDIO IN 2: M3 jack (L/R) x 1, compatible with MIC input					
		AUDIO IN 3: Pin jack (L/R) x 1					
		AUDIO OUT: M3 jack (L/R) x 1 (monitor out: variable)					
		SERIAL IN: D-sub 9-pin (female) x 1 for external control (RS-232C compliant)					
		USB A: Type A for Memory Viewer x 1	—	USB A: Type A for Memory Viewer x 1	—	USB A: Type A for Memory Viewer x 1	—
		USB B: Type B for USB Display x 1	—	USB B: Type B for USB Display x 1	—	USB B: Type B for USB Display x 1	—
		LAN/DIGITAL LINK: RJ-45 × 1 for network connection, DIGITAL LINK, 100Base-TX, compatible with PJLink™	LAN: RJ-45 × 1 for network connection, 10Base-T/100Base-TX, compatible with PJLink™	LAN/DIGITAL LINK: RJ-45 × 1 for network connection, DIGITAL LINK, 100Base-TX, compatible with PJLink™	LAN: RJ-45 × 1 for network connection, 10Base-T/100Base-TX, compatible with PJLink™	LAN/DIGITAL LINK: RJ-45 × 1 for network connection, DIGITAL LINK, 100Base-TX, compatible with PJLink™	LAN: RJ-45 × 1 for network connection, 10Base-T/100Base-TX, compatible with PJLink™
Built-in speaker		4.0 cm round shape × 1, output power: 10 W (monaural)					
Operating noise*2		37 dB (lamp power: Normal), 29 dB (lamp power: Eco)					
Cabinet materials		Molded plastic					
Dimensions (W × H × D)		389 × 125*5 × 332 mm (15-5/16 × 4-29/32*5 × 13-1/16 in)					
Weight*4		Approximately 4.9 kg (10.8 lbs)	Approximately 4.8 kg (10.6 lbs)	Approximately 4.9 kg (10.8 lbs)	Approximately 4.8 kg (10.6 lbs)	Approximately 4.9 kg (10.8 lbs)	Approximately 4.8 kg (10.6 lbs)
Operating environment		Operating temperature: 0 °C–40 °C (32 °F–104 °F)*6 (altitude: less than 1200 m), 0 °C–30 °C (32 °F–86 °F) (altitude: 1200 m–2,700 m) Operating humidity: 20 %–80 % (no condensation)					
Supplied accessories		Wireless remote control unit × 1, Power cord with power cord holder x 1 (x 2 for UK and Asia), Software CD-ROM × 1 (Operating instructions, Multi Projector Monitoring and Control Software, Logo Transfer Software, Wireless Manager ME 6.2 software [PT-VZ575N/VW535N/VX605N only]), Batteries (AAA type × 2), RGB cable, Lens cap x 1					

*1 When the Standby Mode is set to Eco, network functions such as Power On via LAN 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 Pixel-repetition signal (dot clock frequency: 27.0 MHz) only. *4 Average value. May differ depending on the actual unit. *5 With legs at shortest position. *6 When operating temperature is between 35 °C and 40 °C, lamp power automatically switches to Eco in order to protect the projector.

Built-in wireless LAN (PT-VZ575N/VW535N/VX605N)	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)

Panasonic®

For more information about Panasonic projectors, please visit:
Projector Global Web Site – **panasonic.net/avc/projector**
Facebook – **www.facebook.com/panasonicprojector**
YouTube – **www.youtube.com/user/PanasonicProjector**

www.panasonic-center.at

All information included here is valid as of August 2014.

PT-VZ570G2 Printed in Japan.