

Preliminary

Panasonic

PT-VZ570 Series

LCD Projectors

PT-VZ575N/PT-VZ570
PT-VW535N/PT-VW530
PT-VX605N/PT-VX600



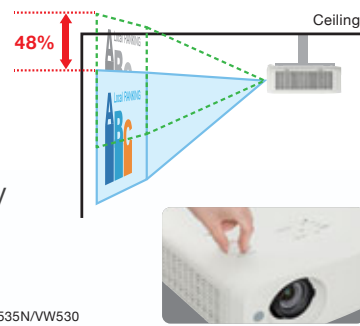
For Meetings and Lectures
Just right



Vertical Lens Shift

Move Image Vertically without Distortion

Vertical: +48% from center of screen (manual)
NOTE: This illustration shows the lens shift of the PT-VW535N/VW530



Filter & Lamp Replacement Cycle
7,000 hrs.*¹

DIGITAL LINK*²
HDMI x 2



The First*³ LCD
Portable Projector with
WUXGA
1,920 x 1,200 Resolution

Silent 29 dB*⁴
Operation

PT-VZ575N/VZ570

4,500 lm	WUXGA	5,000 : 1
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PT-VW535N/VW530

5,000 lm	WXGA	5,000 : 1
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PT-VX605N/VX600

5,500 lm	XGA	5,000 : 1
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USB Memory Viewer

for PC-less Projection*⁵



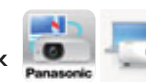
Project Wirelessly Your Way*⁵

Quick 3-Step Projection

1 Select Input



2 Open App and Choose Network



3 Project!



Wireless connection using iOS and Android apps and PC software has been streamlined. Select the appropriate input, open the app, choose a network, and start your presentation.

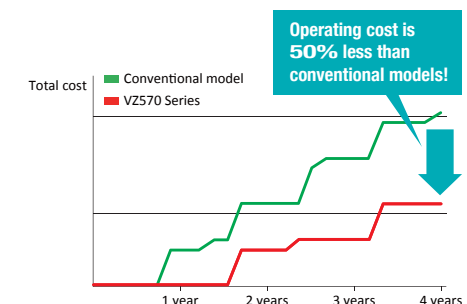
Work as a Group

Actively Collaborate with Your Team



High Value Cost-Performance Ratio and Efficiency

Replace both lamp and filter at the same time with air filter life almost doubled to 7,000 hours.*¹



*¹ With lamp power set to Eco. Usage environment affects the lamp and filter replacement cycle.
*² DIGITAL LINK is featured on PT-VZ575N, VW535N, and VX605N only.
*³ In the less-than-5 kg category. As of June 2014. *⁴ With lamp power set to Eco.

*⁵ Wireless and USB functions are featured on PT-VZ575N, VW535N, and VX605N only.

■ Outstanding Picture Quality

Introducing WUXGA Resolution to Portable Projection

The PT-VZ575N/VZ570 models are the first portable LCD projectors to feature WUXGA (1920 x 1200 pixel) resolution, bringing 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^{*1}. High brightness brings colors to life, adding punch and realism to presentations in well-lit rooms.

Whisper-Quiet Operation

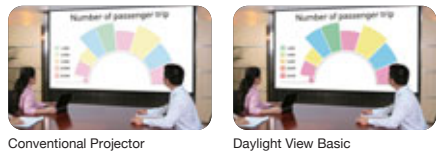
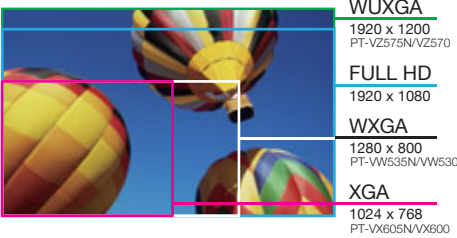
The PT-VZ570 Series produces a barely audible 29 dB^{**} in Eco Mode. Your audience won't have to strain to hear in quiet scenes or be distracted by unwanted noise.

High 5,000:1 Contrast Ratio

Panasonic's winning formula for imaging brilliance is completed by a high 5,000:1 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.



■ Flexible Installation and Lower TCO

Lamp and Filter Replacement Extended to 7,000 Hours^{*3}

The PT-VZ570 Series halves the usual cost of projector maintenance by extending lamp and filter operational life to an impressive 7,000 hours^{*3}, almost double that of our conventional models. When maintenance is eventually due, you can replace both the lamp and filter at the same time, 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.

Horizontal, Vertical, and Corner Keystone Correction

Horizontal, vertical, and corner keystone correction adjusts the image shape to perfection 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.

Project in Small or Large Spaces with 1.6x Zoom

A variety of projection distances are possible using the 1.6x zoom lens function. PT-VZ570 Series projectors can be positioned anywhere from 2.5 to 4.1 meters (8.2 to 13.5 feet)^{*4} from a 100-inch-wide screen for large-format pictures in small, medium, or large rooms. ^{*4}For PT-VW535N/VW530.

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.



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 60 Hz video to websites and PowerPoint® documents
- Download free apps for iOS and Android devices and project a wide range of media^{*4} quickly and easily
- Transfer data from the screen of your PC or laptop via wireless LAN^{**} using Wireless Manager ME 6.2 software^{*6}, 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^{*7} into your PC's USB port and project a wide variety of content—no app installation required.



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. USB Memory Viewer 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. An additional USB port is included for PC connection^{*8}.

DIGITAL LINK Makes Ceiling Installation Simple and Inexpensive

Developed using HDBaseT™ technology, the DIGITAL LINK connection^{*9} routes uncompressed Full HD video 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.

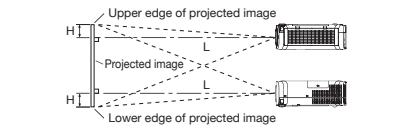


Additional Features

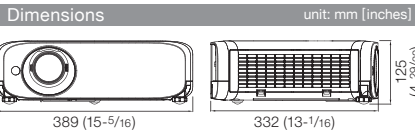
- Direct Power Off function enables safe projector shutdown via breaker switch
- Anti-theft measures include customizable startup logo, password protection, and security bar
- Auto Input Signal Search selects the input channel based on incoming signals
- Color-Board and Blackboard color-adjustment modes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

Projection distance											unit: mm [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)	Height	Width	min. (wide)	max. (tele)								
30"	404 [1.3]	646 [2.1]	685 [2.2]	1120 [3.7]	22	202	[0.07–0.66]					
40"	538 [1.8]	862 [2.8]	923 [3.0]	1504 [4.9]	30	269	[0.1–0.88]					
50"	673 [2.2]	1077 [3.5]	1161 [3.8]	1888 [6.2]	37	337	[0.12–1.11]					
60"	808 [2.7]	1292 [4.2]	1399 [4.6]	2272 [7.5]	45	404	[0.15–1.33]					
70"	942 [3.1]	1508 [4.9]	1637 [5.4]	2656 [8.7]	52	471	[0.17–1.55]					
80"	1077 [3.5]	1723 [5.7]	1875 [6.2]	3040 [10.0]	60	538	[0.2–1.77]					
90"	1212 [4.0]	1939 [6.4]	2113 [6.9]	3424 [11.2]	67	606	[0.22–1.99]					
100"	1346 [4.4]	2154 [7.1]	2351 [7.7]	3808 [12.5]	75	673	[0.25–2.21]					
120"	1615 [5.3]	2585 [8.5]	2827 [9.3]	4576 [15.0]	90	808	[0.3–2.65]					
150"	2019 [6.6]	3231 [10.6]	3541 [11.6]	5728 [18.8]	112	1010	[0.37–3.31]					
200"	2692 [8.8]	4308 [14.1]	4731 [15.5]	7648 [25.1]	150	1346	[0.49–4.42]					
250"	3365 [11.0]	5385 [17.7]	5921 [19.4]	9568 [31.4]	187	1683	[0.61–5.52]					
300"	4039 [13.3]	6462 [21.2]	7111 [23.3]	11488 [37.7]	224	2019	[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)	Height	Width	min. (wide)	max. (tele)								
30"	404 [1.3]	646 [2.1]	736 [2.4]	1210 [4.0]	8	202	[0.03–0.66]					
40"	538 [1.8]	862 [2.8]	991 [3.3]	1623 [5.3]	11	269	[0.036–0.88]					
50"	673 [2.2]	1077 [3.5]	1246 [4.1]	2036 [6.7]	13	337	[0.043–1.11]					
60"	808 [2.7]	1292 [4.2]	1501 [4.9]	2449 [8.0]	16	404	[0.05–1.33]					
70"	942 [3.1]	1508 [4.9]	1756 [5.8]	2862 [9.4]	19	471	[0.06–1.55]					
80"	1077 [3.5]	1723 [5.7]	2011 [6.6]	3275 [10.7]	22	538	[0.07–1.77]					
90"	1212 [4.0]	1939 [6.4]	2266 [7.4]	3688 [12.1]	24	606	[0.08–1.99]					
100"	1346 [4.4]	2154 [7.1]	2521 [8.3]	4101 [13.5]	27	673	[0.09–2.21]					
120"	1615 [5.3]	2585 [8.5]	3031 [9.9]	4927 [16.2]	32	808	[0.1–2.65]					
150"	2019 [6.6]	3231 [10.6]	3796 [12.5]	6166 [20.2]	40	1010	[0.13–3.31]					
200"	2692 [8.8]	4308 [14.1]	5071 [16.6]	8231 [27.0]	54	1346	[0.18–4.42]					
250"	3365 [11.0]	5385 [17.7]	6346 [20.8]	10296 [33.8]	67	1683	[0.22–5.52]					
300"	4039 [13.3]	6462 [21.2]	7621 [25.0]	12361 [40.6]	81	2019	[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)	Height	Width	min. (wide)	max. (tele)								
30"	457 [1.5]	610 [2.0]	691 [2.3]	1140 [3.7]	46	229	[0.15–0.75]					
40"	610 [2.0]	813 [2.7]	931 [3.1]	1529 [5.0]	61	305	[0.2–1.0]					
50"	762 [2.5]	1016 [3.3]	1171 [3.8]	1918 [6.3]	76	381	[0.25–1.25]					
60"	914 [3.0]	1219 [4.0]	1411 [4.6]	2307 [7.6]	91	457	[0.3–1.5]					
70"	1067 [3.5]	1422 [4.7]	1651 [5.4]	2696 [8.8]	107	533	[0.35–1.75]					
80"	1219 [4.0]	1626 [5.3]	1891 [6.2]	3085 [10.1]	122	610	[0.4–2.0]					
90"	1372 [4.5]	1829 [6.0]	2131 [7.0]	3474 [11.4]	137	686	[0.45–2.25]					
100"	1524 [5.0]	2032 [6.7]	2371 [7.8]	3863 [12.7]	152	762	[0.5–2.5]					
120"	1829 [6.0]	2438 [8.0]	2851 [9.4]	4641 [15.2]	183	914	[0.6–3.0]					
150"	2286 [7.5]	3048 [10.1]	3571 [11.7]	5808 [19.1]	229	1143	[0.75–3.75]					
200"	3048 [10.0]	4064 [13.3]	4771 [15.7]	7753 [25.4]	305	1524	[1.0–5.0]					
250"	3810 [12.5]	5080 [16.7]	5971 [19.6]	9698 [31.8]	381	1905	[1.25–6.25]					
300"	4572 [15.0]	6096 [20.0]	7171 [23.5]	11643 [38.2]	457	2286	[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 ^{*7} Easy Wireless Stick
ET-PKV400B Bracket Assembly	ET-RFV400 Replacement Filter Unit	ET-YFB100G Digital Interface Box	
ET-SWA100 Series Early Warning Software			



- 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.



^{*1} PT-VZ575N and PT-VZ570 have 4,500 lm, PT-VW535N and PT-VW530 5,000 lm, and PT-VX605N and PT-VX600 5,500 lm of brightness. ^{**}2 Sound level is 37 dB with the lamp power set to Normal. ^{*3} With the lamp power set to Eco. Up to 5,000 hours with lamp power set to Normal. Average cost is calculated with projector in Normal mode. The usage environment affects filter life. ^{*4} Supported media includes PowerPoint® documents, PDF files, JPEG images, web pages (iOS only), and photos (iOS supports photos taken on internal camera only). ^{*5} If the computer is not equipped with a wireless LAN function, a wireless LAN card is required. Only built-in wireless LAN is supported on Macintosh computers. Functions such as Live Mode and Multi-Live Mode can also be used with a wired LAN. ^{*6} Wireless Manager ME 6.2 is supported by Windows® XP, Windows Vista®, Windows® 7, Windows® 8, and Mac OS X (v10.6/v10.7/v10.8) ^{*7} The optional ET-UW100 Easy Wireless Stick cannot transfer audio files. Only the 16-Window Index Style can be used in Multi-Live Mode. The ET-UW100 is available in the following countries and regions as of May 2014: North America, England, Germany, France, Spain, Italy, Belgium, Austria, Sweden, Norway, Denmark, Switzerland, Holland, Finland, Portugal, Greece, Australia, and Japan. A firmware update is necessary before using the ET-UW100. For more information, please visit our Professional Display global website at <http://panasonic.net/avc/projector/> ^{*8} USB inputs available on PT-VZ575N, VW535N, and VX605N only. The first time a USB cable is connected to USB Input 2, a USB driver must be installed. ^{*9} Only PT-VZ575N, VW535N, and VX605N include DIGITAL LINK.

Specifications								
Model	PT-VZ575N		PT-VZ570	PT-VW535N	PT-VW530	PT-VX605N	PT-VX600	
Power supply	100–240 V AC, 50/60 Hz							
LCD panel	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* ¹	4,500 lm [ANSI] (input signal: PC, lamp power: Normal, picture mode: Dynamic)			5,000 lm [ANSI] (input signal: PC, lamp power: Normal, picture mode: Dynamic)		5,500 lm [ANSI] (input signal: PC, lamp power: Normal, picture mode: Dynamic)		
Center-to-corner uniformity* ¹	85 %							
Contrast* ¹	5,000:1 [all white/all black] (input signal: PC, lamp power: Normal, picture mode: Dynamic, Iris: on)							
Resolution	1,920 × 1,200 pixels [Input signals that exceed this resolution will be converted to 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 / DIGITAL LINK	fh: 15 kHz – 91 kHz, fv: 24 Hz – 100 Hz, dot clock: 25 MHz – 162 MHz, compatible with HDCP DIGITAL LINK not included on PT-VZ570, VW530, and VX600.						
	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/YC	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°* ² [auto/manual, input: WUXGA], horizontal: maximum ±30°* ³ [manual, input: WUXGA]			Vertical: maximum ±35°* ² [auto/manual, input: WXGA], horizontal: maximum ±35°* ³ [manual, input: WXGA]		Vertical: maximum ±35°* ² [auto/manual, input: XGA], horizontal: maximum ±35°* ³ [manual, input: XGA]		
Installation	Ceiling/floor, front/rear							
Built-in speaker	4.0 cm round shape × 1, output power: 10 W (monaural)							
Terminals	HDMI IN: HDMI 19-pin × 2 [Deep Color, compatible with HDCP]							
	COMPUTER IN 1: D-sub 15-pin (female) x 1 (RGB/Y • Pb [Cb] • Pr [Cr]/Y/C)							
	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 x 1 for network connection, DIGITAL LINK, 100Base-TX, compatible with PJLink™	LAN: RJ-45 x 1 for network connection, 100Base-TX, compatible with PJLink™		LAN/DIGITAL LINK: RJ-45 x 1 for network connection, DIGITAL LINK, 100Base-TX, compatible with PJLink™	LAN: RJ-45 x 1 for network connection, 100Base-TX, compatible with PJLink™	LAN/DIGITAL LINK: RJ-45 x 1 for network connection, DIGITAL LINK, 100Base-TX, compatible with PJLink™	LAN: RJ-45 x 1 for network connection, 100Base-TX, compatible with PJLink™	
Operating noise* ¹	37 dB [lamp power: Normal], 29 dB [lamp power: Eco]							
Filter	Replacement cycle: up to 7,000 hours* ⁵							
Cabinet materials	Molded plastic							
Dimensions (W × H × D)	389 × 125* ⁶ × 332 mm [15-5/16 × 4-29/32* ⁶ × 13-1/16 in]							
Weight* ⁴	Approximately 4.9 kg [10.8 lbs]							
Operating environment	Operating temperature: 0 °C–40 °C [32 °F–104 °F] [altitude: less than 1200 m, lamp mode: Eco], 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], Batteries [AAA type × 2], RGB cable, Wireless Manager ME 6.2 software [PT-VZ575N/535N/605N only], Lens cap x 1							

*¹ Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. *² With vertical correction only. *³ With horizontal correction only. *⁴ Average value. May differ depending on the actual unit. *⁵ Usage environment affects the duration of the filter. *⁶ With legs at shortest position.

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
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Panasonic®



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 Projector Global Web Site – panasonic.net/avc/projector
 Facebook – www.facebook.com/panasonicprojector
 YouTube – www.youtube.com/user/PanasonicProjector

All information included here is valid as of June 2014.

PT-VZ570G1 Printed in Japan.

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