

## Next-Generation Portable Throws a Big, Brilliant Picture



PT-VW350 Series

	PT-VW355N	PT-VW350	PT-VX425N	PT-VX420
Brightness	4,000 lm	4,000 lm	4,500 lm	4,500 lm
Resolution	WXGA	WXGA	XGA	XGA
Contrast	10,000:1	10,000:1	10,000:1	10,000:1

### Superb Imaging Performance from a Lightweight Body

- Smallest, Lightest, and Easiest-to-Carry Projector in Its Class\*1
- 4,500 lm Brightness in XGA Resolution (4,000 lm in WXGA)
- High 10,000:1 Contrast Ratio for Sharp, Detailed Pictures
- Quiet 37 dB Operation in Normal Mode (29 dB in Eco Mode)
- Extended Lamp Replacement of 5,000 Hours in Normal (7,000 Hours in Eco Mode)
- Daylight View Basic Function for Clear and Bright Images in Well-Lit Rooms

### Convenient Functions for Greater Versatility

- 1.6x Zoom Lens Provides Installation and Setup Flexibility
- Vertical, Horizontal, and Corner Keystone Correction for Angled Projection
- Side-By-Side and Picture-in-Picture Function (VW350 and VW355N Only)
- Auto Input Signal Search Function Automatically Detects Input Signals
- Memory Viewer and USB Display Function (VX425N and VW355N Only)
- HDMI x 1, D-sub x 2, Monitor Out x 1 Terminals
- Built-in 10 W Monaural Speaker

### Next-Generation Wireless Connectivity (VX425N and VW355N)

- Fast, Stable, and Secure Wireless Transmission from Compatible PCs (Intel® Pro WiDi to be Supported)
- High-Bandwidth Miracast Connectivity for Compatible Android Devices
- Supports Panasonic Applications for iOS, Android, and Windows/Mac PCs with Multi-Live Split-screen Mode
- Compatible with ET-UW100 Easy Wireless Stick\*2 for Plug-and-Project Wireless PC Connectivity

Specifications (Tentative)

Model	PT-VW355N	PT-VW350	PT-VX425N	PT-VX420	
Power supply	AC 100–240 V, 50 Hz/60 Hz				
Power consumption	100–120 V: 310 W, 220–240 V: 290 W (0.4 W when Standby mode set to ECO <sup>*1</sup> , 5 W when Standby mode set to Network, 14 W when Standby mode set to Normal)	100–120 V: 310 W, 220–240 V: 290 W (0.4 W when Standby mode set to ECO <sup>*1</sup> , 1.3 W when Standby mode set to Network, 9 W when Standby mode set to Normal)	100–120 V: 310 W, 220–240 V: 290 W (0.4 W when Standby mode set to ECO <sup>*1</sup> , 5 W when Standby mode set to Network, 14 W when Standby mode set to Normal)	100–120 V: 310 W, 220–240 V: 290 W (0.4 W when Standby mode set to ECO <sup>*1</sup> , 1.3 W when Standby mode set to Network, 9 W when Standby mode set to Normal)	
LCD panel	Panel size	15.0 mm (0.59 in) (16:10 aspect ratio)		16.0 mm (0.63 in) (4:3 aspect ratio)	
	Display method	Transparent LCD panel (× 3, R/G/B)			
	Pixels	1,024,000 (1280 × 800) pixels		786,432 (1024 × 768) pixels	
Lens	Manual zoom (1.6×) (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), 16:10 aspect ratio		0.76–7.62 m (30–300 in), 4:3 aspect ratio		
Resolution	1280 × 800 pixels (input signals that exceed this resolution will be converted to 1280 × 800 pixels.)		1024 × 768 pixels (input signals that exceed this resolution will be converted to 1024 × 768 pixels.)		
Brightness <sup>*2</sup>	4,000 lm (input signals: PC, lamp power: Normal, picture mode: Dynamic)		4,500 lm (input signals: PC, lamp power: Normal, picture mode: Dynamic)		
Lamp	230 W × 1 lamp (240 W driven)				
	Lamp replacement cycle	Normal: 5000 h / Eco: 7000 h			
Center-to-corner uniformity <sup>*2</sup>	85 %				
Contrast <sup>*2</sup>	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 (analog)	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 (Y/Cb/Cr)	fh: 15.75 kHz, fv: 60 Hz [525i (480i)], fh: 15.63 kHz, fv: 50 Hz [625i (576i)], fh: 31.50 kHz, fv: 60 Hz [525p (480p)], fh: 31.25 kHz, fv: 50 Hz [625p (576p)], fh: 45.00 kHz, fv: 60 Hz [750p (720i/60p)], fh: 37.50 kHz, fv: 50 Hz [750p (720i/50p)], fh: 33.75 kHz, fv: 60 Hz [1125 (1080i/60i)], fh: 28.13 kHz, fv: 50 Hz [1125 (1080i/50i)], fh: 28.13 kHz, fv: 25 Hz [1125 (1080i/25p)], fh: 27.00 kHz, fv: 24 Hz [1125 (1080i/24p)], fh: 27.00 kHz, fv: 48 Hz [1125 (1080i/24sF)], fh: 33.75 kHz, fv: 30 Hz [1125 (1080i/30p)], fh: 67.50 kHz, fv: 60 Hz [1125 (1080i/60p)], fh: 56.25 kHz, fv: 50 Hz [1125 (1080i/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	49:1 (fixed)		9:1 (fixed)		
Keystone correction range	Vertical: ±40 ° (±30 ° when using Easy Setting) (maximum value of WXGA input), horizontal: ±30 ° (±20 ° when using Easy Setting) (maximum value of WXGA input)	Vertical: ±40 ° (±30 ° when using AUTO) (maximum value of WXGA input), horizontal: ±30 ° (maximum value of WXGA input)	Vertical: ±40 ° (±30 ° when using Easy Setting) (maximum value of XGA input), horizontal: ±30 ° (±20 ° when using Easy Setting) (maximum value of XGA input)	Vertical: ±40 ° (±30 ° when using AUTO) (maximum value of XGA input), horizontal: ±30 ° (maximum value of XGA input)	
	Installation				
Terminals	HDMI IN	HDMI 19-pin × 1 (compatible with HDCP, Deep Color) 480i, 480p, 576i, 576p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/25p, 1080/24p, 1080/24sF, 1080/30p, 1080/60p, 1080/50p, VGA (640 × 480)–WUXGA (1,920 × 1,200), audio signal: linear PCM (sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)			
	COMPUTER 1 IN	D-sub HD 15-pin (female) × 1 (RGB/Y/PbPr/Y/Cb/Cr)			
	COMPUTER 2 IN/MONITOR OUT	D-sub HD 15-pin (female) × 1 (RGB), (input/output selectable using on-screen menu)			
	VIDEO IN	Pin jack × 1 (Composite VIDEO)			
	S-VIDEO IN	Mini DIN 4-pin × 1 (S-VIDEO)			
	AUDIO IN 1	M3 × 1 (L-R × 1)			
	AUDIO IN 2 (MIC IN)	M3 × 1 (L-R × 1) for audio input or for microphone connection (variable)			
	AUDIO IN 3	Pin jack × 2 (L, R × 1)			
	AUDIO OUT	M3 × 1 (L-R × 1) for output (variable)			
	LAN	RJ-45 × 1 (for network connection, 10BASE-T/100BASE-TX, compliant with PLink™)			
	SERIAL IN	D-sub 9-pin (female) × 1 for external control (RS-232C compliant)			
	USB-Type A	For Memory Viewer	—	For Memory Viewer	—
	USB-Type B	For USB Display	—	For USB Display	—
	Built-in speaker	4.0 cm (1 9/16") round shape × 1, output power: 10.0 W (monaural)			
	Operation noise <sup>*2</sup>	37 dB (lamp power: Normal), 29 dB (lamp power: Eco)			
Cabinet materials	Molded plastic				
Dimensions (W × H × D)	352 × 98 <sup>*3</sup> × 279.4 <sup>*4</sup> mm (13 27/32" × 3 27/32" × 11" <sup>*4</sup> )				
Weight <sup>*5</sup>	Approx. 3.4 kg (7.5 lbs)	Approx. 3.3 kg (7.3 lbs)	Approx. 3.4 kg (7.5 lbs)	Approx. 3.3 kg (7.3 lbs)	
Operating environment	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	—	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	—	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	
Supplied accessories	Wireless remote control unit × 1, power cord × 1 (× 2 for UK and Asia only), batteries for remote control (R03/LR03/AAA type battery × 2), RGB signal cable × 1, lens cap × 1				
	Software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software, Wireless Manager ME 6.3)	Software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software)	Software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software, Wireless Manager ME 6.3)	Software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software)	

\*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 21116 international standards. \*3 With legs retracted to minimum. \*4 Including protruding parts. \*5 Average value. May differ depending on the actual unit.

Optional Accessories

- High-Ceiling Mount Bracket  
ET-PKL100H
- Low-Ceiling Mount Bracket  
ET-PKL100S
- Attachment for Ceiling Mount Bracket  
ET-PKV400B
- Replacement Lamp Unit  
ET-LAV300
- Replacement Filter  
ET-RFV300
- Easy Wireless Stick  
ET-UW100



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