

# Panasonic

# PT-VW350 Series

LCD Projectors

PT-VW355N  
PT-VW350  
PT-VX425N  
PT-VX420

## The Lighter, Brighter Portable Projector



Introducing the World's Lightest and Brightest Portable LCD Projector\* with Intel® Pro WiDi

\* 4,000 lm-class LCD projector (as of May 2015).



PT-VW355N/VX425N

## Intel® Pro WiDi is Wireless Made Simple

Pro WiDi takes the stress out of business communication. Mirror video, documents, and websites from any compatible device with ease. Effortless connection and enhanced security help teams collaborate effectively.



## Take Charge with Managed Meetings Modes

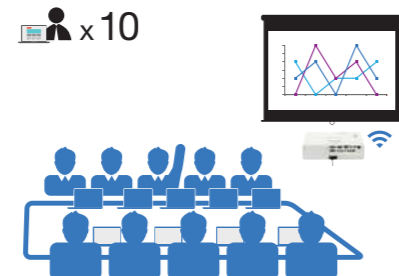
### EXCLUSIVE

Connect only one device to prevent interruptions to solo presentations



### INTERACTIVE

Up to 10 users can connect and take turns presenting for easy collaboration



### MODERATED

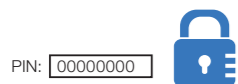
Chairperson controls media display permission from up to 10 participants



## High Quality. Enhanced Security.

### Stops Mistakes

PIN entry prevents accidental projection for privacy and safety



### Ultra-Smooth Video

Stutter-free media projection, faster response times, and fewer dropouts



### Choose Your Channel

Selectable 2.4 GHz and 5 GHz\* channels for areas with Wi-Fi congestion



\* America/Europe/CIS only. For more information, please visit the Panasonic Projector Global website: [panasonic.net/avc/projector/](http://panasonic.net/avc/projector/)

### Compatible with Miracast

Intel® Pro WiDi supports transmission from Miracast-compatible devices



## 1 Easy to Carry

The Lightest Portable LCD Projector in its Class\*

PT-VW350	4,000 lm	App. 3.3 kg
PT-VX420	4,500 lm	
PT-VW355N	4,000 lm	App. 3.4 kg
PT-VX425N	4,500 lm	

\* 4,000 lm-class LCD projector (as of May 2015)



## 2 Easy Setup

Easy Setting Function\* with Focus Assist, Wall Color Compensation, and Screen Fitting

\* PT-VW355N/VX425N only.



## 3 Easy Operation

Connect and Project from Single or Multiple PCs/Tablets without a Cable\*

\* PT-VW355N/VX425N only.



## A Choice of Powerful Wireless Technologies

### Intel® Pro WiDi for Windows/Android

Fast, stable, and secure wireless connection is ideal for mirroring content in real time from recent-model Android mobiles and Windows PCs.



### Panasonic Wireless Apps

For users of iPhone, iPad, Mac laptops, as well as Windows PC and Android with a wealth of added features.



Windows / Android



### Manage Sharing Safely

Pin-codes and Managed Meetings modes prevent accidental sharing of sensitive information.



Android / iOS



Windows / Mac OS



Windows / Mac OS

\* Availability of the ET-UW100 Easy Wireless Stick varies depending on country. Please contact your sales representative for more information.



## Universal Device Support with Panasonic Apps

### For PC | Wireless Manager ME 6.3

- Fast, stable wireless transmission
- Supports Windows 8.1 and Mac OS X 10.10
- Connect up to 16 PCs\*1 in Multi-Live Mode

Download free from our global website at <http://panasonic.net/avc/projector/>

### Easy 3-Step Connection

- Launch App
- Select Projector
- Click to Present

Easy projection

### For Mobile | Wireless Projector for iOS (v3.3.0)/Android (v2.4.0)

- Dedicated Wireless Apps for iOS and Android
- Fewer steps to connect
- Wide media compatibility and functionality

### Supported formats

PowerPoint / Word / Excel / Keynote\* / Pages\* / Numbers\* / Text\* / Rich Text\* / PDF / JPG\*\* / PNG\*\* / WEB\* / Photo\* / Camera\* / Screen Shot

\* iOS only. \*\* Android only.

### Project Instantly

- Insert into USB
- Select Projector
- Project Live

Easy projection

### Wireless Stick | ET-UW100\*2

- Self-contained Easy Wireless Stick plugs into PC's USB
- Provides internet access while projecting wirelessly
- Supports Windows 8.1 and Mac OS X 10.9

### Multi-Live Mode

Apps for PC, iOS, Android, and Easy Wireless Stick feature Multi-Live Mode. It enables display of media from up to 16 different devices\*1 in split-screen. You can also transmit to up to eight projectors/displays from one PC.

### Other Handy Features

- Marker Function
- Pointer Function
- In-browser remote control
- One-Shot Projection function
- Motion Capture Projection
- Cloud document support (iOS only)
- Free to download

## Stellar Performance from a Compact Body

### Extremely Bright Images

Despite its light 3.3 kg weight and compact dimensions, the PT-VW350 outputs 4,000 lm of brightness for spectacularly clear and brilliant images.

### High 12,000:1 Contrast

A new iris mechanism optimizes light output according to content. Blacks are deep and rich while colors and highlights are reproduced with realism.

### 7,000 hrs. Maintenance-free\*3

When used for eight hours per day, lamp and filter replacement is not required for up to four years (or 7,000 hours\*3 of operation), slashing cost of ownership.

### Daylight View Basic

Daylight View Basic uses a sensor to measure ambient light, optimizing brightness, color, and contrast for vividly punchy images in bright rooms.



### Quiet Operation

The quiet design keeps noise levels down to a low 29 dB on Eco Mode with the cooling fan hardly audible, minimizing distractions during presentations.

# 29dB

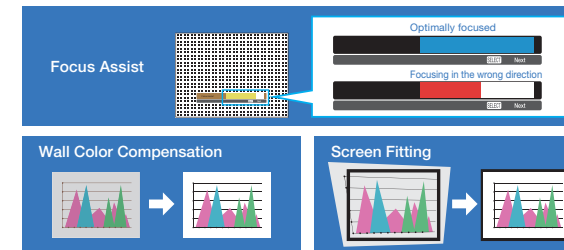
\*1 Supports wireless connection of up to 10 PCs simultaneously in [SIMPLE], [M-DIRECT], and [S-DIRECT] modes. \*2 Using ET-UW100 requires a firmware update. The ET-UW100 is available in the following countries and regions as of May 2015: North America, England, Germany, France, Spain, Italy, Belgium, Austria, Sweden, Norway, Denmark, Switzerland, Holland, Finland, Portugal, Greece, Australia, and Japan. For more information, please visit our global website at <http://panasonic.net/avc/projector/> \*3 This is the maximum value when the lamp power is set to Eco, with the lamp turned on for 3 hours and off for 0.5 hour. Increases in the lamp on cycle or extended use with the lamp continuously turned on will reduce lamp replacement cycle. With lamp power is set to Normal, replacement cycle is 5,000 hours. Usage environment affects lamp and filter replacement cycle.

## Easy Setup and Stress-free Operation

### Easy Setting Function\*

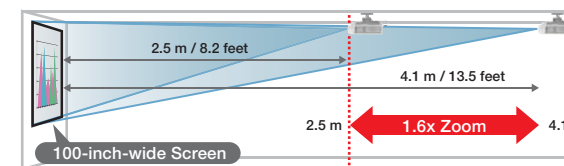
Simply place the projector on a table and press Auto Setup. Data from sensors is used to fit and focus the image on the wall or screen, correcting for surface coloration.

\* PT-VW355N/VX425N only



### Flexible 1.6x Zoom Lens

When projecting onto a 100-inch-wide screen, the included 1.6x zoom lens supports a range of projection distances from 2.5 to 4.1 m (8.2 to 13.5 ft).



### Other Handy Features

- Direct Power Off Function
- Low 0.5 W Power Consumption on Standby\*1
- Auto Input Signal Search
- Input Guidance Function
- Real-Time Keystone Correction\*2
- Color-Board and Blackboard Modes

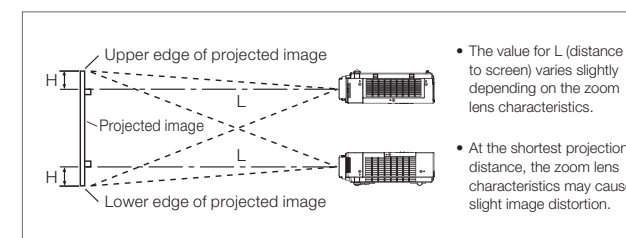
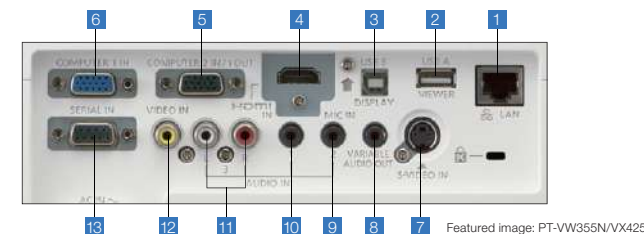
- Easy Remote Monitoring and Control Over LAN
- Crestron Connected™, AMX DD, and PJLink™ Compatible
- USB Display Function for PC Connection\*3
- Ecology-Conscious Design

\*1 With Standby Mode set to ECO. \*2 PT-VW350/VX420 only \*3 PT-VW355N/VX425N only

### Ample Connections

Generous input and output terminals support a wide range of media interfaces for portable or ceiling-mount use.

- 1 LAN
- 2 USB (Type A) \*
- 3 USB (Type B) \*
- 4 HDMI Input
- 5 COMPUTER Input 2 / MONITOR Output
- 6 COMPUTER Input 1
- 7 S-VIDEO Input
- 8 AUDIO Output
- 9 AUDIO Input 2 (MIC IN) \* PT-VW355N/VX425N only
- 10 AUDIO Input 1
- 11 AUDIO Input 3
- 12 VIDEO Input
- 13 SERIAL Input



### Corner Keystone Correction

Designate four corners on the projection surface and horizontal and vertical corner keystone correction creates a perfectly symmetrical image.



### 10 W Speaker and Mic Input

An internal 10 W speaker plays sound in presentations or videos as well as audio from a connected microphone—there's no need for separate amp and speakers.

### Side-by-Side and P-in-P Modes\*

Two media sources can be displayed side-by-side, while Picture-in-Picture Mode displays media in a sub-window positioned in any corner of the screen.

\* PT-VW355N/VW350 only

### Memory Viewer Function\*

You don't need a computer to start presenting—just insert a USB memory device containing media and start projecting straight away.

\* PT-VW355N/VX425N only



### Projection distance unit: meters [feet]

Projection image size Diagonal (inch)	Projection distance (L)		Height from the edge of screen to center of lens (H)
	min. (wide)	max. (tele)	
30"	0.7 [2.3]	1.2 [3.9]	0.01 [0.03]
40"	1.0 [3.3]	1.6 [5.2]	0.01 [0.03]
50"	1.3 [3.9]	2.0 [6.6]	0.01 [0.03]
60"	1.5 [4.9]	2.4 [7.9]	0.02 [0.07]
70"	1.8 [5.9]	2.9 [9.5]	0.02 [0.07]
80"	2.0 [6.6]	3.3 [10.8]	0.02 [0.07]
90"	2.3 [7.5]	3.7 [12.1]	0.02 [0.07]
100"	2.5 [8.2]	4.1 [13.4]	0.03 [0.10]
120"	3.0 [9.8]	4.9 [16.1]	0.03 [0.10]
150"	3.8 [12.5]	6.2 [20.3]	0.04 [0.13]
200"	5.1 [16.7]	8.2 [26.9]	0.05 [0.16]
250"	6.3 [20.7]	10.3 [33.8]	0.07 [0.23]
300"	7.6 [24.9]	12.4 [40.7]	0.08 [0.26]

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

## Specifications

Model	PT-VW355N	PT-VW350	PT-VX425N	PT-VX420	
Power supply	AC 100–240 V, 50 Hz/60 Hz				
Power consumption	100–240 V: 320 W (0.5 W when Standby mode set to ECO*, 6 W when Standby mode set to Network, 14 W when Standby mode set to Normal)	100–240 V: 320 W (0.5 W when Standby mode set to ECO*, 1.6 W when Standby mode set to Network, 9.5 W when Standby mode set to Normal)	100–240 V: 320 W (0.5 W when Standby mode set to ECO*, 6 W when Standby mode set to Network, 14 W when Standby mode set to Normal)	100–240 V: 320 W (0.5 W when Standby mode set to ECO*, 1.6 W when Standby mode set to Network, 9.5 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: 1.18–1.90:1), manual focus, F 1.60–1.90, f 15.31–26.24 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.)				
Brightness*2	4,000 lm (input signals: PC, lamp power: Normal, picture mode: Dynamic, Iris: Off, Daylight View: Off, Auto Power Save: Off)				
Lamp	240 W × 1 lamp				
Lamp replacement cycle	Normal: 5000 h / Eco: 7000 h				
Center-to-corner uniformity*2	85 %				
Contrast*2	12,000:1 (Full On/Off) (input signals: PC, lamp power: Normal, picture mode: Dynamic, Iris: On, Daylight View: Off, Auto Power Save: Off)				
Scanning frequency	HDMI IN	fh: 15–91.1 kHz, fv: 50–100 Hz, dot clock: 162 MHz or lower			
	RGB (analog)	fh: 15–100 kHz, fv: 24–100 Hz, dot clock: 162 MHz or lower (Signals exceeding the dot clock rate of 140 MHz are downsampled.)			
	YPbPr (YCbCr)	fh: 15.73 kHz, fv: 59.94 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 (720/60p)], fh: 37.50 kHz, fv: 50 Hz [750p (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 (1080/24s)], 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: 15.75 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	Ceiling/floor, front/rear				
Terminals	HDMI IN	HDMI 19-pin x 1 (compatible with HDCP, Deep Color), 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/YPbPr/YCbCr)			
	COMPUTER 2 IN / MONITOR OUT	D-sub HD 15-pin (female) x 1 (RGB), (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 PLink™)			
	SERIAL IN	D-sub 9-pin (female) x 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 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				
Dimensions (W × H × D)	352 x 98*3 x 279.4**4 mm (13 27/32" x 3 27/32"*3 x 11**4")				
Weight*5	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); 0–30 °C [32–86 °F] (1,400 m [4,593 ft] to 2,000 m [6,562 ft], HIGH ALTITUDE MODE: 1); 0–30 °C [32–86 °F] (2,000 m [6,562 ft] to 2,400 m [7,874 ft], HIGH ALTITUDE MODE: 2)				
	Operating humidity: 20–80% (no condensation)				
Wireless	Standard	2.4 GHz: IEEE802.11b/g/n, 5 GHz: IEEE802.11a/n*6		2.4 GHz: IEEE802.11b/g/n, 5 GHz: IEEE802.11a/n*6	
	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-TLS [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-TLS [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 21118 international standards. \*3 With legs retracted to minimum. \*4 Including protruding parts. \*5 Average value. May differ depending on the actual unit. \*6 America/Europe/CIS only. For more information, please visit the Panasonic Global website: [panasonic.net/avc/projector/](http://panasonic.net/avc/projector/)

### Optional accessories

#### ET-PKL100H

Ceiling Mount Bracket for High Ceilings



#### ET-PKL100S

Ceiling Mount Bracket for Low Ceilings



#### ET-PKV400B

Projector Mount Bracket



#### ET-LAV300

Replacement Lamp Unit



#### ET-RFV300

Replacement Filter Unit



#### ET-UW100\*

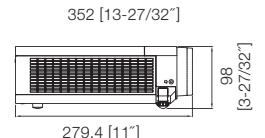
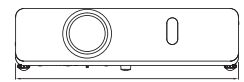
Easy Wireless Stick



#### ET-SWA100 Series

Early Warning Software

### Dimensions unit: mm [inches]



\* The ET-UW100 is available in the following countries and regions as of May 2015: North America, England, Germany, France, Spain, Italy, Belgium, Austria, Sweden, Norway, Denmark, Switzerland, Holland, Finland, Portugal, Greece, Australia, and Japan.

# Panasonic®



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

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