

### 세계에서 가장 작고 가벼운 8,000lm 프로젝터 밝은 공간에서도 프로젝션을 통한 커뮤니케이션의 향상

Note : 2024년 11월 기준 8,000lm 이상(PT-VGZ821K), 7,200lm 이상(PT-VGZ721K), 6,500lm 이상(PT-VGZ621K)의 프로젝터를 대상으로 Panasonic 내부 조사 자료에 따름



White Models

#### • 공간에 맞춘 선명한 투사

동급 제품 중 가장 작고 가벼운 바디<sup>2</sup>에서 최대 8,000lm<sup>1</sup>의 밝기의 VGZ821K 시리즈는 뛰어난 선명도와 디테일한 색상으로 밝은 공간에서도 높은 영상의 퀄리티를 제공합니다. 파나소닉의 독자적인 6,000,000 : 1 명암비의 다이내믹 콘트라스트 기능으로 밝은 영역과 어두운 영역을 더욱 선명하게 구현하여 영상의 깊이감과 사실감을 향상시킵니다. 또한 데이라이트 뷰 베이직 기능으로 주변 조명에 따라 이미지 품질을 최적화하므로, 밝은 조명의 교실이나 회의실 등에서의 사용에 이상적인 모델입니다.

#### • 어떤 공간에서도 대응 가능한 설치 유연성

무게 7.4kg(16.3파운드)<sup>4</sup>에 불과한 VGZ821K 시리즈는 어떤 공간에서도 주변 환경과 조화롭게 설치되어 2.35m(7.54피트)에서 100인치에 달하는 이미지를 투사할 수 있습니다. 또한 1.6배 광학 줌(투사율: 1.09~1.77:1), V/H 렌즈 시프트, 디지털 줌 익스텐더 기능으로 높은 설치 유연성을 제공합니다. 또한 그리드 조정, 기하학적 조정 및 앵글 모니터<sup>5</sup>와 같은 기능으로 설치에 대한 과정을 더욱 간소화합니다.

#### • 효율적이고 환경 친화적인 디자인

VGZ821K 시리즈의 핵심은 '지속 가능성'입니다. 에너지 효율이 기존 시리즈보다 25%<sup>6</sup> 향상되었으며, AutoPower On<sup>7</sup> 기능이 불필요한 전력 소비를 줄여줍니다. 또한 프로젝터 본체 플라스틱에는 59%<sup>8</sup>의 재활용 수지가 포함되어 있습니다. 최대 20,000시간<sup>9</sup> 동안 지속되는 내구성이 뛰어난 레이저 광원과 ECO 필터는 유지보수 과정을 최소화하며 이러한 기능으로 폐기물, 비용, 불필요한 전력 소모를 줄여 높은 밝기와 환경을 동시에 고려합니다.

PT-VGZ821K Series			
	PT- VGZ821K	PT-VGZ721K	PT-VGZ621K
Light Output	8,000 lm <sup>1</sup> / 8,000 lm (ANSI) <sup>9</sup>	7,300 lm <sup>1</sup> / 7,300 lm (ANSI) <sup>9</sup>	6,500 lm <sup>1</sup> / 6,500 lm (ANSI) <sup>9</sup>
Resolution	WUXGA (1920 x 1200 pixels)		



1 Measured when [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL]. Measurement, measuring conditions, and notation method comply with ISO/IEC 21118: 2020 international standards. Value is the average of all products when shipped. 2 Among projectors with 8,000 lm or more (PT-VGZ821K), 7,300 lm or more (PT-VGZ721K), and 6,500 lm or more (PT-VGZ621K) as of March 2025, according to Panasonic's research. 3 Full On/Full Off when [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1]. The measurement, measuring conditions, and notation method comply with ISO/IEC 21118: 2020 international standards. Value is the average of all products when shipped. 4 For the PT-VGZ821K. For the weights of other models, please see the specifications overleaf. 5 The displayed values are based on the results of angle sensor detection and may differ from the actual projection angle. They are for reference only, and accuracy is not guaranteed. 6 PT-VGZ721K (21.2 lm/W) compared to the PT-VGZ721K (16.7 lm/W) in [NORMAL] mode, according to Panasonic research. 7 By total weight of plastic parts in the projector main unit. Excludes printed circuit boards, labels, cables, connectors, electronic components, optical components, ESD components, EMI component adhesives, and coatings. 8 Settings cannot be made when [DYNAMIC CONTRAST] is set to anything other than [OFF], [ECO MANAGEMENT] -> [LIGHT POWER] is set to anything other than [OFF], [ECO MANAGEMENT] -> [AUTO POWER SAVE] is set to [OFF], [ECO MANAGEMENT] -> [LIGHT POWER] is set to anything other than [OFF], [TEST PATTERN] is displayed there is no signal. Image Detection function is supported when the input signal is transmitted via HDMI or COMPUTER IN terminals. 9 Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped. 10 4K/30p input signals are converted to the projector's resolution (1920 x 1200 pixels). YPbPr 4:2:0 format only for 4K/30p signals input via DIGITAL LINK. 11 Requires the AI-WM50 Series Wireless Module (sold separately). Availability may vary by country or region.

## Specifications

Model		PT- VGZ821K	PT-VGZ721K	PT-VGZ621K
Projector type		LCD projectors		
LCD panel	Panel size	16.3 mm (0.64 inch) (16:10 aspect ratio)		
	Display method	Transparent LCD panel (x 3, R/G/B)		
	Pixels	2,304,000 (1920 x 1200) pixels x 3		
Light source		Laser diodes		
Light output <sup>1</sup>		8,000 lm <sup>2</sup> / 8,000 lm (ANSI) <sup>3</sup>	7,300 lm <sup>2</sup> / 7,300 lm (ANSI) <sup>3</sup>	6,500 lm <sup>2</sup> / 6,500 lm (ANSI) <sup>3</sup>
Time until light output declines to 50 % <sup>4</sup>		20,000 hours (NORMAL/QUIET), 24,000 hours (ECO)		
Resolution		WUXGA (1920 x 1200 pixels)		
Contrast ratio <sup>2</sup>		6,000,000:1 (Full On/Full Off) (When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1].)		
Screen size (diagonal)		0.76–7.62 m (30–300 in), 16:10 aspect ratio		
Center-to-corner zone ratio <sup>2</sup>		85 %		
Lens		1.6x manual zoom (throw ratio: 1.09–1.77:1), manual focus lens, F=1.58–1.91, f=15.30–24.60 mm		
Digital Zoom Extender <sup>5</sup>		Throw Ratio 1.09–2.21:1 <sup>6</sup> (Corresponding value. When used together with optical zoom.)		
Lens shift (From the origin point of the lens mounter)	Vertical	+44 %		
	Horizontal	±20 %		
Keystone correction range		Vertical ±25 %, Horizontal ±35 %		
Terminals	HDMI™ 1/2 IN	HDMI™ 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p <sup>7</sup> signal input), CEC supported <sup>8</sup>		
	COMPUTER IN	D-sub 15-pin (female) (RGB/YPbPr/YCbCr)		
	AUDIO IN	M3 stereo mini-jack x 1		
	AUDIO OUT	M3 stereo mini-jack x 1		
	SERIAL IN	D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)		
	DIGITAL LINK/LAN	RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseT™ compliant), 100Base-TX (Compatible with PLink™ [Class 2], HDCP, Deep Color, 4K/30p <sup>7</sup> signal input)		
	LAN	RJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PLink™ [Class 2]		
	USB (VIEWER/ WIRELESS/DC OUT)	USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless Module, power supply (DC 5 V, maximum 2 A <sup>9</sup> )		
Protocol versions		IPv4, IPv6 <sup>10</sup>		
Power supply		AC 100–240 V, 50/60 Hz		
Maximum power consumption <sup>11</sup>		400 W (4.2 A) (405 VA) (Power consumption is 385 W at 200–240 V)	345 W (3.6 A) (350 VA) (Power consumption is 335 W at 200–240 V)	320 W (3.3 A) (325 VA) (Power consumption is 305 W at 200–240 V)
On-mode power consumption (Operating mode) <sup>11</sup>	NORMAL	365 W (100–240 V), 350 W (200–240 V)	310 W (100–240 V), 295 W (200–240 V)	280 W (100–240 V), 270 W (200–240 V)
	ECO	260 W (100–240 V), 250 W (200–240 V)	235 W (100–240 V), 225 W (200–240 V)	215 W (100–240 V), 205 W (200–240 V)
	QUIET 1	305 W (100–240 V), 295 W (200–240 V)	270 W (100–240 V), 260 W (200–240 V)	245 W (100–240 V), 235 W (200–240 V)
	QUIET 2	255 W (100–240 V), 245 W (200–240 V)	230 W (100–240 V), 220 W (200–240 V)	210 W (100–240 V), 200 W (200–240 V)
Built-in speaker		10 W monaural		
Cabinet materials		Molded plastic		
Filter <sup>12</sup>		Included (Estimated maintenance time: approx. 20,000 hours)		
Operation noise <sup>2</sup>		39 dB (NORMAL/ECO), 34 dB (QUIET 1), 29 dB (QUIET 2)	37 dB (NORMAL/ECO), 32 dB (QUIET 1), 27 dB (QUIET 2)	35 dB (NORMAL/ECO), 30 dB (QUIET 1), 25 dB (QUIET 2)
Dimensions (W x H x D)		399 mm x 115 mm x 348 mm (15 23/32" x 4 17/32" x 13 11/16") (not including protruding parts) 399 mm x 133 mm x 348 mm (15 23/32" x 5 1/4" x 13 11/16") (with feet at shortest position)		
Weight <sup>13</sup>		Approx. 7.4 kg (16.3 lbs)	Approx. 7.0 kg (15.4 lbs)	Approx. 6.9 kg (15.2 lbs)
Operating environment		Operating temperature: 0–45 °C (32–113 °F) <sup>14,15</sup> , Operating humidity: 20–80 % (no condensation)		
Applicable software		Multi Monitoring & Control Software, Projector Network Setup Software, Presenter Light Software for Windows <sup>16</sup> , Wireless Projector App for iOS/Android <sup>17</sup>		

1 When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL]. 2 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped. 3 Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped. 4 Around this time, light output will have decreased to approximately 50 % of its original level ([PICTURE MODE]: [DYNAMIC], [DYNAMIC CONTRAST] set to [2]). Estimated time until light output declines to 50 % varies depending on environment. 5 Resolution decreases when using Digital Zoom Extender. Grid Adjustment, 6-Point Screen Correction, V/H Keystone Correction, and curved-screen correction are not available when using this function. The range of corner adjustment is limited. 6 When Digital Zoom Extender is set to 80 %. 7 4K signals are converted to the projector's resolution upon projection. 8 Depending on the connected CEC command compatible device, the link control may not operate normally. 9 On standby, power supply is available with Quick Startup set to ON or Power Management set to Ready. 10 The optional AJ-WM50 Series Wireless Module does not support IPv6. 11 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. On-mode power consumption measured at 25 °C (77 °F) operating temperature at an altitude of 700 m (2,297 ft). 12 Filter cleaning cycle varies depending on the environment. The filter can be washed and reused up to two times. Filter cleaning cycle: 20,000 hours (under dust conditions of 0.08 mg/m<sup>3</sup>), 10,000 hours (under dust conditions of 0.15 mg/m<sup>3</sup>). 13 Average value. May differ depending on the actual unit. 14 Light output is limited at operating temperatures higher than 30 °C (86 °F), and projectors cannot be operated at altitudes higher than 2,700 m (8,858 ft) above sea level. 15 When the optional AJ-WM50 Series Wireless Module is attached, the operating temperature range becomes 0–40 °C (32–104 °F). 16 When using Presenter Light Software, images are projected with 1280 x 800 dots or 1024 x 768 dots onto the screen. Also, your PC display resolution may be forcibly changed, and audio playback disrupted or become noisy while images and sound are being transmitted. 17 When using the Wireless Projector app, display resolution differs depending on your iOS/Android™ device and the display device. The maximum supported display resolution is WUXGA (1280 x 800).

## Optional Accessories

- **Ceiling Mount Bracket**  
ET-PKL100H (for high ceilings) / ET-PKL100S (for low ceilings)  
Note: ET-PKL100H/PKL100S used in combination with ET-PKV400B (sold separately).
- **Projector Mount Bracket**  
ET-PKV400B

- **Replacement Filter Unit**  
ET-RFV500
- **Wireless Module**  
AJ-WM50 Series  
Note: product availability may vary by country or region.  
The suffix at the end of the model number is omitted.  
Operating temperature: 0–40 °C (32–104 °F).

- **Wireless Presentation System PressIT**  
TY-WPS2 (basic set)  
Note: visit <https://docs.connect.panasonic.com/prodisplays/products/ty-wps2/> for more information.

# Panasonic CONNECT



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