



Worldwide
Olympic Partner



Worldwide
Paralympic Partner



Ideal solutions for various applications



"iMapp Buchares 555" Romania

3D Mapping

Versatile functions and flexible installation features enable mounting in various locations.



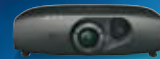
Moscow International Festival "Circle of Light"
Russia



PT-EZ770 Series



PT-RZ570 Series



PT-RZ470 Series



PT-FZ570 Series



PT-RZ370 Series



PT-VZ570 Series



PT-VW350 Series



PT-LZ370

3,000 lm



PT-LW25H Series



PT-CW330 Series



PT-TW343R Series



PT-LB412 Series

20,000 lm

Events / Rental Staging

Superior picture quality and reliability for large-scale projection.



© Shochiku Co., Ltd.

"Kabuki Spectacle at the Fountains of Bellagio"
the United States



PT-DZ21K2 Series



PT-DZ13K Series



PT-RQ13K



PT-RZ12K Series



10,000 lm



PT-EX16K



PT-EX12K



PT-DZ870 Series



PT-DZ780 Series



PT-RZ670 Series



PT-EZ590 Series

Museum / Exhibition

High brightness, high resolution, and precise colors provide an impressive viewing experience.



"Moesgaard Museum" Denmark



"Museum of the History" Italy

Education / Digital Signage

A wide line-up of projectors match your installation location and type of use.






"Sheffield University" England



"Le Petit Chef"




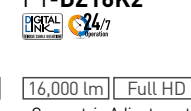



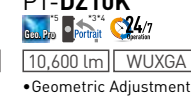
Large-Venue (SOLID SHINE Series)

Rental/Staging / Auditorium / Museum/Exhibition / Control Room / Digital Signage / Houses of Worship/Church

 <p>PT-RQ13K</p> <p>10,000 lm 4K*</p> <ul style="list-style-type: none"> • 20,000 hours maintenance-free*2 • Geometric Adjustment • Frame Creation <p>3-Chip DLP™</p>	 <p>PT-RZ12K</p> <p>12,000 lm WUXGA</p> <ul style="list-style-type: none"> • 20,000 hours maintenance-free*2 • Geometric Adjustment • Frame Creation 	 <p>PT-RS11K</p> <p>12,000 lm SXGA+</p> <ul style="list-style-type: none"> • 20,000 hours maintenance-free*2 • Geometric Adjustment • Frame Creation
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Large-Venue

Rental/Staging / Auditorium / Museum/Exhibition / Control Room / Digital Signage / Houses of Worship/Church

 <p>PT-DZ21K2</p> <p>20,000 lm WUXGA</p> <ul style="list-style-type: none"> • Geometric Adjustment • Frame Creation • Long-life lamp/filter <p>3-Chip DLP™</p>	 <p>PT-DS20K2</p> <p>20,000 lm SXGA+</p> <ul style="list-style-type: none"> • Geometric Adjustment • Frame Creation • Long-life lamp/filter 	 <p>PT-DW17K2</p> <p>17,000 lm WXGA</p> <ul style="list-style-type: none"> • Geometric Adjustment • Frame Creation • Long-life lamp/filter 	 <p>PT-DZ16K2</p> <p>16,000 lm Full HD</p> <ul style="list-style-type: none"> • Geometric Adjustment • Frame Creation • Long-life lamp/filter
 <p>PT-DZ13K</p> <p>12,000 lm WUXGA</p> <ul style="list-style-type: none"> • Geometric Adjustment • Lens Memory • Eco Filter <p>3-Chip DLP™</p>	 <p>PT-DS12K</p> <p>12,000 lm SXGA+</p> <ul style="list-style-type: none"> • Geometric Adjustment • Lens Memory • Eco Filter 	 <p>PT-DW11K</p> <p>11,000 lm WXGA</p> <ul style="list-style-type: none"> • Lens Memory • Eco Filter 	 <p>PT-DZ10K</p> <p>10,600 lm WUXGA</p> <ul style="list-style-type: none"> • Geometric Adjustment • Lens Memory • Eco Filter

Rental/Staging / Auditorium / Houses of Worship/Church




 <p>PT-EX16K</p> <p>16,000 lm XGA</p> <ul style="list-style-type: none"> • Pure Color Control • Corner Keystone <p>LCD</p>	 <p>PT-EX12K</p> <p>13,000 lm XGA</p> <ul style="list-style-type: none"> • Pure Color Control • Corner Keystone • Eco Filter <p>LCD</p>
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Installation (SOLID SHINE Series)

Museum/Exhibition / Simulation / Control Room / Digital Signage / Seminar Room/Lecture Room

 <p>PT-RZ670</p> <p>6,500 lm WUXGA</p> <p>[Available in white/black cabinet]</p> <ul style="list-style-type: none"> • Laser light source • 20,000 hours maintenance-free*2 • 360-degree free installation • Available as lens-less model <p>1-Chip DLP™</p>	 <p>PT-RW630</p> <p>6,500 lm WXGA</p> <p>[Available in white/black cabinet]</p> <ul style="list-style-type: none"> • Laser light source • 20,000 hours maintenance-free*2 • 360-degree free installation • Available as lens-less model 	 <p>PT-RZ570</p> <p>5,400 lm [Center] WUXGA</p> <p>[Available in white/black cabinet]</p> <ul style="list-style-type: none"> • Laser light source • 20,000 hours maintenance-free*2 • 360-degree free installation <p>* Featured image: PT-RZ570W</p> <p>NEW</p>
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Museum/Exhibition / Control Room / Digital Signage

 <p>PT-RZ475**8</p> <p>3,000 lm Full HD</p> <ul style="list-style-type: none"> • Short throw lens mounted • No lamp/filter replacement • 20,000 hours maintenance-free*2 <p>1-Chip DLP™</p> <p>* Featured image: PT-RZ470/RW430</p>	 <p>PT-RZ470</p> <p>3,500 lm Full HD</p> <p>[Available in white/black cabinet]</p> <ul style="list-style-type: none"> • No lamp/filter replacement • 20,000 hours maintenance-free*2 	 <p>PT-RW430</p> <p>3,500 lm WXGA</p> <p>[Available in white/black cabinet]</p> <ul style="list-style-type: none"> • No lamp/filter replacement • 20,000 hours maintenance-free*2
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Seminar Room/Lecture Room / Meeting Room

 <p>PT-RZ370</p> <p>3,500 lm Full HD</p> <ul style="list-style-type: none"> • No lamp/filter replacement • 20,000 hours maintenance-free*2 <p>1-Chip DLP™</p>	 <p>PT-RW330</p> <p>3,500 lm WXGA</p> <ul style="list-style-type: none"> • No lamp/filter replacement • 20,000 hours maintenance-free*2
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Installation

Museum/Exhibition / Simulation / Control Room / Digital Signage / Seminar Room/Lecture Room



1-Chip DLP™

PT-DZ870



- [Available in white/black cabinet]
- Dynamic RGB Booster
 - Dust Resistant Optics
 - Geometric Adjustment
 - Available as lens-less model

PT-DW830



- [Available in white/black cabinet]
- Dynamic RGB Booster
 - Dust Resistant Optics
 - Available as lens-less model

PT-DX100



- [Available in white/black cabinet]
- Dynamic RGB Booster
 - Dust Resistant Optics
 - Available as lens-less model



1-Chip DLP™

PT-DZ780



- [Available in white/black cabinet]
- Quiet 30 dB operation*9
 - Dynamic RGB Booster
 - Geometric Adjustment
 - Available as lens-less model

PT-DW750



- [Available in white/black cabinet]
- Quiet 30 dB operation*9
 - Dynamic RGB Booster
 - Geometric Adjustment
 - Available as lens-less model

PT-DX820



- [Available in white/black cabinet]
- Quiet 30 dB operation*9
 - Dynamic RGB Booster
 - Geometric Adjustment
 - Available as lens-less model

Installation (LCD)

Seminar Room/Lecture Room / Boardroom



LCD

PT-EZ770Z



- Daylight View Basic
- Eco Filter
- Available as lens-less model

PT-EW730Z



- Daylight View Basic
- Eco Filter
- Available as lens-less model

PT-EX800Z



- Daylight View Basic
- Eco Filter
- Available as lens-less model



LCD

PT-EZ590



- Daylight View Basic
- Eco Filter
- Available as lens-less model

PT-EW650



- Daylight View Basic
- Eco Filter
- Available as lens-less model

PT-EW550



- Daylight View Basic
- Eco Filter
- Available as lens-less model

PT-EX620



- Daylight View Basic
- Eco Filter
- Available as lens-less model

PT-EX520



- Daylight View Basic
- Eco Filter
- Available as lens-less model

Seminar Room/Lecture Room / Boardroom / Meeting room



LCD

PT-FZ570



- Daylight View Basic
- Eco Filter

PT-FW530



- Daylight View Basic
- Eco Filter

*1: Resolution 5,120 x 3,200 Pixels (QUAD PIXEL DRIVE: ON) *2: The maintenance-free duration may be shortened due to environmental conditions.

*3: Mounting the optional lamp unit for portrait mode is required. *4: Updating the projector's firmware to MAIN Ver. 2.00 or later is required.

*5: ET-UK20 is unavailable. *6: Center screen lumen. *7: The availability varies depending on the country. *8: With no lens shift lever.

*9: When the projector used with the lamps at full power in normal mode. *10: To operate wireless projection, the optional wireless module ET-WML100 is required.

Portable

Medium to Small Classrooms / Meeting Room



LCD

PT-VZ575N



4,800 lm WUXGA

- 1.6x Zoom lens
- 10,000:1 contrast ratio
- Vertical lens shift

PT-VZ570



4,800 lm WUXGA

- 1.6x Zoom lens
- 10,000:1 contrast ratio
- Vertical lens shift

PT-VW535N



5,000 lm WXGA

- 1.6x Zoom lens
- 10,000:1 contrast ratio
- Vertical lens shift

PT-VW530



5,000 lm WXGA

- 1.6x Zoom lens
- 10,000:1 contrast ratio
- Vertical lens shift

PT-VX605N



5,500 lm XGA

- 1.6x Zoom lens
- 10,000:1 contrast ratio
- Vertical lens shift

PT-VX600



5,500 lm XGA

- 1.6x Zoom lens
- 10,000:1 contrast ratio
- Vertical lens shift



LCD

PT-VW355N



4,000 lm WXGA

- Intel® Pro WiDi compatible
- 1.6x Zoom lens
- Easy setting function

PT-VW350



4,000 lm WXGA

- 1.6x Zoom lens
- Built-in 10 W speaker

PT-VX425N



4,500 lm XGA

- Intel® Pro WiDi compatible
- 1.6x Zoom lens
- Easy setting function

PT-VX420



4,500 lm XGA

- 1.6x Zoom lens
- Built-in 10 W speaker

Small Classroom / Meeting Room



LCD

PT-LB412



4,100 lm XGA

- Daylight View Lite
- 12,000:1 contrast ratio
- Long-life lamp/filter

PT-LB382



3,800 lm XGA

- Daylight View Lite
- 12,000:1 contrast ratio
- Long-life lamp/filter

PT-LB332



3,300 lm XGA

- Daylight View Lite
- 12,000:1 contrast ratio
- Long-life lamp/filter

PT-LW362



3,600 lm WXGA

- Daylight View Lite
- 12,000:1 contrast ratio
- Long-life lamp/filter

PT-LW312



3,100 lm WXGA

- Daylight View Lite
- 12,000:1 contrast ratio
- Long-life lamp/filter

PT-LB300



3,100 lm XGA

- Daylight View Lite
- 10,000:1 contrast ratio
- Long-life lamp/filter

PT-LB280



2,800 lm XGA

- Daylight View Lite
- 10,000:1 contrast ratio
- Long-life lamp/filter

Turnkey Solution for Multi-Window Presentations

Multi Window Processor
ET-MWP100G (optional)



The ET-MWP100G Multi Window Processor makes it possible to quickly and efficiently combine multiple displays and projectors into a video wall or a multi vision system.

All-in-One Connectivity

DIGITAL LINK Switcher
ET-YFB200G (optional)



Digital Interface Box
ET-YFB100G (optional)



Equipped with DIGITAL LINK output terminals.^{*3} Allows transmission of HDMI, uncompressed HD digital video, audio and control signals (Ethernet, RS-232C) for up to 100 m (328 ft.) through a single CAT5e (STP) cable or higher. Long Reach Mode supports up to 1080/60p signal transmission for 150 m (492 ft.).^{*4}

Short Throw

Small Classroom / Meeting Room / Museum/Exhibition



1-Chip DLP™

PT-CW331R



3,100 lm WXGA

- Interactive
- 3D ready
- Built-in 10 W speaker



1-Chip DLP™

PT-CW330



3,100 lm WXGA

- 3D ready
- Built-in 10 W speaker
- HDMI

Small Classroom / Meeting Room



* Featured image: PT-TW343R

LCD

PT-TW343R



3,300 lm WXGA

- Daylight View Lite
- 12,000:1 contrast ratio
- Long-life lamp/filter
- Interactive

PT-TW342



3,300 lm WXGA

- Daylight View Lite
- 12,000:1 contrast ratio
- Long-life lamp/filter

PT-TX402



3,800 lm XGA

- Daylight View Lite
- 12,000:1 contrast ratio
- Long-life lamp/filter

PT-TX312



3,200 lm XGA

- Daylight View Lite
- 12,000:1 contrast ratio
- Long-life lamp/filter

Home Cinema

Home Theater Room / Living Room



LCD

PT-AT6000



2,400 lm

- Full HD (1,920 x 1,080)
- Intelligent Lens Memory
- 3D Motion Remaster



LCD

PT-AH1000



2,800 lm

- Full HD (1,920 x 1,080)
- Light Harmonizer 3

Space Player



1-Chip DLP™

PT-JW130



1,000 lm WXGA

- Laser light source
- 20,000 hours maintenance-free*5
- 2.2x Zoom lens

The Space Player is a new type of lighting device that combines the functions of traditional lighting and a video projector to offer non-conventional ambient lighting, as well as image projection.

Please check with your dealer regarding product availability in your country.

Supporting Stable Operation

Early Warning Software

ET-SWA100 Series (optional)



Early Warning Software monitors the status of projectors and displays connected to an intranet and informs you when an abnormality is detected or predicted,*6 and when there are symptoms of trouble. This minimizes downtime to provide more stable operation.

Please visit PASS (panasonic.net/avc/projector/pass/) to download and activate Early Warning Software. A free, **90-day** trial version for monitoring up to **2,048 projectors** is available.

For more information, please visit the website >> business.panasonic.co.uk/visual-system/projectors

*1: To operate wireless projection, the optional wireless module ET-WML100 is required. *2: When the optional DIGITAL LINK board is mounted.

*3: DIGITAL LINK terminal: two terminals on the ET-YFB200G and one terminal on the ET-YFB100G.

*4: When used together with an optional DIGITAL LINK Switcher ET-YFB200G and operated in Long Reach mode that is available only with the PT-RQ13K, PT-RZ12K/RS11K, PT-DZ21K2/DS20K2/DW17K2/DZ16K2, PT-RZ570W/RZ570B, PT-DZ780/DW750/DX820, PT-EZ590/EW650/EX620 or PT-FZ570/FW530/FX500 and ET-YFB200G. When used with other transmitter/switcher, signals can be transmitted for up to 100 m (328 ft).

*5: The maintenance-free duration may be shortened due to environmental conditions.

*6: Please note that the software does not guarantee the prediction of all device breakdowns in all instances.

PT-RS11K

SOLID SHINE LASER



3D PROFESSIONAL

DIGITAL LINK™
Ultra HD Quality

24/7 operation

3-Chip DLP™ Projector

12,000 lm

SXGA+

Geo. Pro

360°

* Lens sold separately.

24.1 mm (0.95 inches) DLP™ chip x 3
4:3

Laser diodes

12,000 lm

20,000:1

SXGA+ (1,400 x 1,050)/WUXGA (1,920 x 1,200)
1.78-25.4 m (70-1,000 inches)*⁶

Vertical: ±50%¹⁴, horizontal: ±30%¹⁴ [powered]

SDI in [BNC x 2 (3G/HD/SD-SDI,

Dual-link HD/SD-SDI, Dual-link 3G-SDI x 2)]

HDMI in [HDMI 19-pin x 1 (HDCP compatible)]

DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)]

RGB 1 in [BNC x 5 (RGB/YpPr/YCaCr x 1)]

RGB 2 in [D-sub HD 15-pin x 1

(RGB/YpPr/YCaCr x 1)]

3D SYNC in/out [BNC x 1 (3D timing signal)]

3D SYNC out [BNC x 1 (3D timing signal)]

Serial in [D-sub 9-pin x 1 (HDCP compatible)]

Serial out [D-sub 9-pin x 1 (RS-232C)]

Remote 1 in/out [M3 x 2 (in x 1, out x 1)]

Remote 2 in [D-sub 9-pin x 1]

LAN/DIGITAL LINK

[RJ-45 x 1, for network/DIGITAL LINK connection,

100-240 V AC, 50/60 Hz

1,200 W

578 x 323.5⁸ x 740 mm^{*9}

[22-3/4 x 12-23/32⁸ x 29-1/8 inches]^{*9}

Approx. 44.0 kg/97 lbs

Eco Filter

Yes

Yes (Optional upgrade kit available)

Yes

Yes (360-degree free installation capability)

System Daylight View 3

Detail Clarity Processor 5

Yes

Yes

ET-PKD520H (High ceiling mount bracket)

ET-PKD520S (Low ceiling mount bracket)

ET-PKD520B (Attachment for ceiling mount bracket)

ET-PFD510 (Frame)

ET-EMF330 (Replacement filter unit)

ET-SFR330 (Smoke cut filter)

ET-YFB2006 (DIGITAL LINK Switcher)

ET-YFB100G (Digital Interface Box)

ET-UK20 (Geometry Manager Pro Upgrade kit)

ET-CUK10/CUK10P^{*10}

(Auto Screen Adjustment Upgrade Kit)

ET-D75LE6 (Zoom lens, 1.0-1.2:1)

ET-D75LE10 (Zoom lens, 1.4-1.8:1)

ET-D75LE20 (Zoom lens, 1.8-2.6:1)

ET-D75LE30 (Zoom lens, 2.6-5.1:1)

ET-D75LE40 (Zoom lens, 5.0-8.0:1)

ET-D75LE8 (Zoom lens, 7.9-15.0:1)

ET-D75LE50^{*3} (Fixed-focus lens, 0.8:1)

ET-D75LE90^{*3} (Fixed-focus lens, 0.39:1)

Power cord, wireless/wired remote control unit,

batteries for remote control unit, CD-ROM^{*12}

*8: Height; with legs at shortest position. *9: Depth; lens not included. *10: Available for use worldwide except in the United States. *11: Projector firmware and board firmware must be updated to Version 2.0 or later (scheduled in Feb. 2016) before use. *12: CD-ROM includes Logo Transfer Software and Multi Monitoring and Control Software. *13: Vertical ±44% and horizontal ±20% with the ET-D75LE6. *14: Vertical ±50% and horizontal ±30% with the ET-D75LE6.

Scintillating Picture Quality in 4K+ Resolution

PT-RQ13K

10,000 lm

4K+

4K PROFESSIONAL

2K DIGITAL LINK™

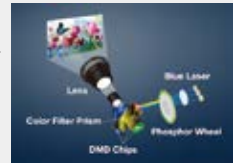
SOLID SHINE LASER

3D PROFESSIONAL

QUAD PIXEL DRIVE

* Resolution 5120 x 3200 Pixels [QUAD PIXEL DRIVE: ON]

Combining 3-Chip DLP™ imaging with Panasonic's original SOLID SHINE Laser technology, the PT-RQ13K achieves lifelike 4K+ resolution with a high 10,000 lm of brightness. Two powerful solid-state laser light-source modules and three independent DLP™ chips for red, green, and blue ensure outstanding brightness, color accuracy, and contrast.



Quad Pixel Drive Goes Beyond 4K

The PT-RQ13K achieves better-than-4K resolution by employing 2560 x 1600-pixel (WQXGA) DMD chips that shift pixels vertically and horizontally on the screen, effectively quadrupling the pixel count. Working together with Real Motion Processor 240 Hz frame-creation technology, Quad Pixel Drive produces stunningly detailed 5120 x 3200-pixel (4K+, 16:10) images that retain natural sharpness and clarity when upscaling from a native Full HD source.

4K+

Beyond UltraHD (4K+)
5120 x 3200*

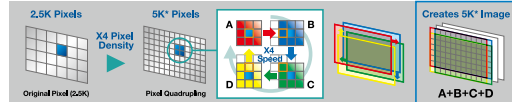
* Maximum physical resolution.

Quad Pixel Drive



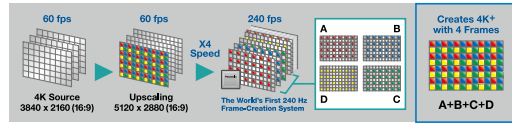
Quad Pixel Drive

Shifting pixels vertically and horizontally creates ultra-high-resolution pictures that exceed standard UltraHD.



New Real Motion Processor

Panasonic's unique high-speed 240 Hz frame-creation technology for up to 5120 x 3200-pixel (16:10) images ensures the smoothest reproduction of fast-moving 4K+ sequences.



4K Technology

Nowadays, we're seeing more large-scale images in public spaces. As screen sizes increase, Full-HD quality can lack sufficient resolution, and intricate details can be lost. Panasonic image displays are equipped with special technologies that enhance resolution and colour reproduction. Panasonic 4K is recommended for large-screen digital signage.



For more information on Panasonic's 4K Technology, please visit the website
business.panasonic.co.uk/visual-system/4k

Large-Venue

Installation

Portable

Short Throw

Home Cinema

Space Player

Large-Venue

PT-DZ21K2



3-Chip DLP™ Projector

20,000 lm

WUXGA

Geo. Pro

Portrait

* Lens sold separately.

PT-DS20K2



3-Chip DLP™ Projector

20,000 lm

SXGA+

Geo. Pro

Portrait

* Lens sold separately.

Optical	<p>Panel type 24.4 mm (0.96 inches) DLP™ chip x 3</p> <p>Aspect ratio 16:10</p> <p>Lamp 432 W UHM x 4</p> <p>Brightness 20,000 lm</p> <p>Contrast (full on/full off) 10,000:1</p> <p>Resolution native/maximum*1 WUXGA (1,920 x 1,200)</p> <p>Screen size (diagonal)*2 1.78-25.4 m (70-1,000 inches)*7</p> <p>Lens shift*3 Vertical: ±55 %⁸, horizontal: ±20 %⁸ (powered)</p>	<p>Panel type 24.1 mm (0.95 inches) DLP™ chip x 3</p> <p>Aspect ratio 4:3</p> <p>Lamp 432 W UHM x 4</p> <p>Brightness 20,000 lm</p> <p>Contrast (full on/full off) 10,000:1</p> <p>Resolution native/maximum*1 SXGA+ (1,400 x 1,050)/WUXGA (1,920 x 1,200)</p> <p>Screen size (diagonal)*2 1.78-25.4 m (70-1,000 inches)*7</p> <p>Lens shift*3 Vertical: ±50 %¹³, horizontal: ±30 %¹³ (powered)</p>
Interface	<p>Terminals</p> <p>SDI in [BNC x 2 (3G/HD/SD-SDI x 2)]</p> <p>3D SYNC in/out [BNC x 1 (3D timing signal)]</p> <p>3D SYNC out [BNC x 1 (3D timing signal)]</p> <p>DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)]</p> <p>HDMI in [HDMI 19-pin x 1 (HDCP compatible)]</p> <p>RGB 1 in [BNC x 5 (RGB/Y/PaPr/Y/CaCr/Y/CaCr/video x 1)]</p> <p>RGB 2 in [D-sub HD 15-pin x 1 (RGB/Y/PaPr/Y/CaCr x 1)]</p> <p>Serial in [D-sub 9-pin x 1 (RS-232C)]</p> <p>Serial out [D-sub 9-pin x 1 (RS-232C)]</p> <p>Remote 1 in/out [M3 x 2 (in x 1, out x 1)]</p> <p>Remote 2 in [D-sub 9-pin x 1]</p> <p>LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible, Art-net]</p>	<p>Terminals</p> <p>SDI in [BNC x 2 (3G/HD/SD-SDI x 2)]</p> <p>3D SYNC in/out [BNC x 1 (3D timing signal)]</p> <p>3D SYNC out [BNC x 1 (3D timing signal)]</p> <p>DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)]</p> <p>HDMI in [HDMI 19-pin x 1 (HDCP compatible)]</p> <p>RGB 1 in [BNC x 5 (RGB/Y/PaPr/Y/CaCr/Y/CaCr/video x 1)]</p> <p>RGB 2 in [D-sub HD 15-pin x 1 (RGB/Y/PaPr/Y/CaCr x 1)]</p> <p>Serial in [D-sub 9-pin x 1 (RS-232C)]</p> <p>Serial out [D-sub 9-pin x 1 (RS-232C)]</p> <p>Remote 1 in/out [M3 x 2 (in x 1, out x 1)]</p> <p>Remote 2 in [D-sub 9-pin x 1]</p> <p>LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible, Art-net]</p>
General	<p>Power supply 200-240 V AC, 50/60 Hz</p> <p>Power consumption 2,060 W</p> <p>Dimensions (W x H x D) 620 x 291⁹ x 800 mm¹⁰ (24-7/16 x 11-15/32⁹ x 31-1/2 inches)¹⁰</p> <p>Weight*4 Approx. 41.0 kg/90.4 lbs</p>	<p>Power supply 200-240 V AC, 50/60 Hz</p> <p>Power consumption 2,060 W</p> <p>Dimensions (W x H x D) 620 x 291⁹ x 800 mm¹⁰ (24-7/16 x 11-15/32⁹ x 31-1/2 inches)¹⁰</p> <p>Weight*4 Approx. 41.0 kg/90.4 lbs</p>
Features	<p>Filter Eco Filter</p> <p>Edge Blending Yes</p> <p>Geometric Adjustment Yes (Optional upgrade kit available)</p> <p>Multi-Unit Brightness Control Yes</p> <p>Portrait mode Yes*5</p> <p>Daylight View System Daylight View 2</p> <p>Detail Clarity Processor Detail Clarity Processor 3</p> <p>DICOM Simulation Mode Yes</p> <p>P-in-P Yes</p>	<p>Filter Eco Filter</p> <p>Edge Blending Yes</p> <p>Geometric Adjustment Yes (Optional upgrade kit available)</p> <p>Multi-Unit Brightness Control Yes</p> <p>Portrait mode Yes*5</p> <p>Daylight View System Daylight View 2</p> <p>Detail Clarity Processor Detail Clarity Processor 3</p> <p>DICOM Simulation Mode Yes</p> <p>P-in-P Yes</p>
Accessory	<p>Replacement lamp ET-LAD520/ET-LAD520F (4 units) ET-LAD520P/ET-LAD520PF (for portrait mode)</p> <p>Optional accessories ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PFD520 (Frame) ET-EMF520 (Replacement filter unit) Service Parts (Smoke cut filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P*11 (Auto Screen Adjustment Upgrade Kit)</p> <p>Optional lens ET-D75LE6 (Zoom lens, 0.9-1.1:1) ET-D75LE10 (Zoom lens, 1.3-1.7:1) ET-D75LE20 (Zoom lens, 1.7-2.4:1) ET-D75LE30 (Zoom lens, 2.4-4.7:1) ET-D75LE40 (Zoom lens, 4.6-7.4:1) ET-D75LE8 (Zoom lens, 7.3-13.8:1) ET-D75LE50*3 (Fixed-focus lens, 0.7:1) ET-D75LE90*3 (Fixed-focus lens, 0.36:1)</p> <p>Standard accessories Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*12</p>	<p>Replacement lamp ET-LAD520/ET-LAD520F (4 units) ET-LAD520P/ET-LAD520PF (for portrait mode)</p> <p>Optional accessories ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PFD520 (Frame) ET-EMF520 (Replacement filter unit) Service Parts (Smoke cut filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P*11 (Auto Screen Adjustment Upgrade Kit)</p> <p>Optional lens ET-D75LE6 (Zoom lens, 1.0-1.2:1) ET-D75LE10 (Zoom lens, 1.4-1.8:1) ET-D75LE20 (Zoom lens, 1.8-2.6:1) ET-D75LE30 (Zoom lens, 2.6-5.1:1) ET-D75LE40 (Zoom lens, 5.0-8.0:1) ET-D75LE8 (Zoom lens, 7.9-15.0:1) ET-D75LE50*3 (Fixed-focus lens, 0.8:1) ET-D75LE90*3 (Fixed-focus lens, 0.39:1)</p> <p>Standard accessories Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*12</p>

*1: Input signals that exceed the native resolution will be converted to the native resolution. *2: The screen size is that of the original aspect ratio. *3: The lens shift cannot be used or its range of operation is limited with a fixed-focus lens. *4: Average value. Each product has an individual variable in weight. *5: Mounting the optional lamp unit for portrait mode is required. *6: Updating the projector's firmware to MAIN Ver. 2.00 or later is required. *7: 1.78-15.24 m (70-600 inches) with the ET-D75LE8.

PT-DW17K2



3-Chip DLP™ Projector

17,000 lm

WXGA



*5

* Lens sold separately.

PT-DZ16K2



3-Chip DLP™ Projector

16,000 lm

Full HD

*5

* Lens sold separately.

PT-DZ13K



3-Chip DLP™ Projector

12,000 lm

WUXGA



*5*6

* Lens sold separately.

21.6 mm (0.85 inches) DLP™ chip x 3
16:9
432 W UHM x 4
17,000 lm
10,000:1
WXGA (1,366 x 768)/WUXGA (1,920 x 1,200)
1.78-25.4 m (70-1,000 inches)^{*7}
Vertical: ±70%^{*14}, horizontal: ±30%^{*14} [powered]

DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)]
HDMI in [HDMI 19-pin x 1 (HDCP compatible)]
RGB 1 in [BNC x 5 (RGB/Y/PaPr/YCaCr/YC/video x 1)]
RGB 2 in [D-sub HD 15-pin x 1
(RGB/Y/PaPr/YCaCr x 1)]
Serial in [D-sub 9-pin x 1 (RS-232C)]
Serial out [D-sub 9-pin x 1 (RS-232C)]
Remote 1 in/out [M3 x 2 (in x 1, out x 1)]
Remote 2 in [D-sub 9-pin x 1]
LAN/DIGITAL LINK
[RJ-45 x 1, for network/DIGITAL LINK connection,
100Base-TX, HDCP compatible, Art-net]

200-240 V AC, 50/60 Hz
2,060 W
620 x 291^{*9} x 800 mm^{*10}
(24-7/16 x 11-15/32^{*9} x 31-1/2 inches)^{*10}
Approx. 41.0 kg/90.4 lbs

Eco Filter

Yes

Yes

Yes

Yes^{*5}

System Daylight View 2

Detail Clarity Processor 3

Yes

Yes

Yes

ET-LAD520/ET-LAD520F (4 units)

ET-LAD520P/ET-LAD520PF (for portrait mode)

ET-PKD520H (High ceiling mount bracket)

ET-PKD520S (Low ceiling mount bracket)

ET-PFD520 (Frame)

ET-EMF520 (Replacement filter unit)

Service Parts (Smoke cut filter)

ET-YFB200G (DIGITAL LINK Switcher)

ET-YFB100G (Digital Interface Box)

ET-D75LE6 (Zoom lens, 1.0-1.2:1)
ET-D75LE10 (Zoom lens, 1.4-1.9:1)
ET-D75LE20 (Zoom lens, 1.8-2.7:1)
ET-D75LE30 (Zoom lens, 2.7-5.2:1)
ET-D75LE40 (Zoom lens, 5.1-8.2:1)
ET-D75LE8 (Zoom lens, 8.2-15.4:1)
ET-D75LE50^{*3} (Fixed-focus lens, 0.8:1)
ET-D75LE90^{*3} (Fixed-focus lens, 0.40:1)

Power cord, wireless/wired remote control unit,
batteries for remote control unit, CD-ROM^{*12}

24.1 mm (0.95 inches) DLP™ chip x 3
16:9
432 W UHM x 4
16,000 lm
10,000:1
Full HD (1,920 x 1,080)/WUXGA (1,920 x 1,200)
1.78-25.4 m (70-1,000 inches)^{*7}
Vertical: ±60%^{*15}, horizontal: ±20%^{*15} [powered]

SDI in [BNC x 1 (3G/HD/SD-SDI x 1)]
DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)]
HDMI in [HDMI 19-pin x 1 (HDCP compatible)]
RGB 1 in [BNC x 5 (RGB/Y/PaPr/YCaCr/YC/video x 1)]
RGB 2 in [D-sub HD 15-pin x 1
(RGB/Y/PaPr/YCaCr x 1)]
Serial in [D-sub 9-pin x 1 (RS-232C)]
Serial out [D-sub 9-pin x 1 (RS-232C)]
Remote 1 in/out [M3 x 2 (in x 1, out x 1)]
Remote 2 in [D-sub 9-pin x 1]
LAN/DIGITAL LINK
[RJ-45 x 1, for network/DIGITAL LINK connection,
100Base-TX, HDCP compatible, Art-net]

200-240 V AC, 50/60 Hz
2,060 W
620 x 291^{*9} x 800 mm^{*10}
(24-7/16 x 11-15/32^{*9} x 31-1/2 inches)^{*10}
Approx. 41.0 kg/90.4 lbs

Eco Filter

Yes

Yes

Yes

-

System Daylight View 2

Detail Clarity Processor 3

Yes

Yes

Yes

ET-LAD520/ET-LAD520F (4 units)

ET-PKD520H (High ceiling mount bracket)

ET-PKD520S (Low ceiling mount bracket)

ET-PFD520 (Frame)

ET-EMF520 (Replacement filter unit)

Service Parts (Smoke cut filter)

ET-YFB200G (DIGITAL LINK Switcher)

ET-YFB100G (Digital Interface Box)

ET-D75LE6 (Zoom lens, 0.9-1.1:1)
ET-D75LE10 (Zoom lens, 1.3-1.7:1)
ET-D75LE20 (Zoom lens, 1.7-2.4:1)
ET-D75LE30 (Zoom lens, 2.4-4.7:1)
ET-D75LE40 (Zoom lens, 4.6-7.4:1)
ET-D75LE8 (Zoom lens, 7.3-13.8:1)
ET-D75LE50^{*3} (Fixed-focus lens, 0.7:1)
ET-D75LE90^{*3} (Fixed-focus lens, 0.36:1)

Power cord, wireless/wired remote control unit,
batteries for remote control unit, CD-ROM^{*12}

24.4 mm (0.96 inches) DLP™ chip x 3
16:10
380 W UHM x 2
12,000 lm
10,000:1
WUXGA (1,920 x 1,200)
1.78-25.4 m (70-1,000 inches)^{*7}
Vertical: ±55%^{*8}, horizontal: ±20%^{*8} [powered]

SDI in [BNC x 2 (3G/HD/SD-SDI x 1, HD/SD-SDI x 1)]
3D SYNC in/out [BNC x 1 (3D timing signal)]
3D SYNC out [BNC x 1 (3D timing signal)]
DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)]
HDMI in [HDMI 19-pin x 1 (HDCP compatible)]
RGB 1 in [BNC x 5 (RGB/Y/PaPr/YCaCr x 1)]
RGB 2 in [D-sub HD 15-pin x 1
(RGB/Y/PaPr/YCaCr x 1)]
Serial in [D-sub 9-pin x 1 (RS-232C)]
Serial out [D-sub 9-pin x 1 (RS-232C)]
Remote 1 in/out [M3 x 2 (in x 1, out x 1)]
Remote 2 in [D-sub 9-pin x 1]
LAN/DIGITAL LINK
[RJ-45 x 1, for network/DIGITAL LINK connection,
100Base-TX, HDCP compatible, Art-net]

120 V AC, 9.3 A, 50/60 Hz, 220-240 V AC, 5 A, 50/60 Hz
1,000 W (120 V AC)/970 W (220-240 V AC)
530 x 200^{*9} x 548.5 mm^{*10}
(20-7/8 x 7-7/8^{*9} x 21-19/32 inches)^{*10}
Approx. 24 kg/52.9 lbs

Eco Filter

Yes

Yes (Optional upgrade kit available)

Yes

Yes^{*5*6}

System Daylight View 2

Detail Clarity Processor 3

Yes

Yes

Yes

ET-LAD310A/ET-LAD310AW (2 units)

ET-LAD320P/ET-LAD320PW (for portrait mode)

ET-PKD120H (High ceiling mount bracket)

ET-PKD120S (Low ceiling mount bracket)

ET-PAD310 (Attachment for ceiling mount bracket)

ET-PFD310 (Frame)

ET-EMF320 (Replacement filter unit)

ET-SFR320 (Replacement smoke cut filter)

ET-UK20 (Geometry Manager Pro Upgrade kit)

ET-CUK10/CUK10P^{*11}

[Auto Screen Adjustment Upgrade Kit]

ET-D75LE6 (Zoom lens, 0.9-1.1:1)
ET-D75LE10 (Zoom lens, 1.3-1.7:1)
ET-D75LE20 (Zoom lens, 1.7-2.4:1)
ET-D75LE30 (Zoom lens, 2.4-4.7:1)
ET-D75LE40 (Zoom lens, 4.6-7.4:1)
ET-D75LE8 (Zoom lens, 7.3-13.8:1)
ET-D75LE50^{*3} (Fixed-focus lens, 0.7:1)
ET-D75LE90^{*3} (Fixed-focus lens, 0.36:1)
ET-D75M1C (Lens motor cover)

Power cord, wireless/wired remote control unit,
batteries for remote control unit, CD-ROM^{*12}

*8: Vertical ±44% and horizontal ±15% with the ET-D75LE6. *9: Height; with legs at shortest position. *10: Depth; lens not included. *11: Available for use worldwide except in the United States. *12: CD-ROM includes Logo Transfer Software and Multi Monitoring and Control Software. *13: Vertical ±40% and horizontal ±20% with the ET-D75LE6. *14: Vertical ±60% and horizontal ±20% with the ET-D75LE6. *15: Vertical ±50% and horizontal ±15% with the ET-D75LE6.

Large-Venue

PT-DS12K



3-Chip DLP™ Projector

12,000 lm

SXGA+



* Lens sold separately.

PT-DW11K



3-Chip DLP™ Projector

11,000 lm

WXGA



* Lens sold separately.

	PT-DS12K	PT-DW11K		
Optical	Panel type	24.1 mm (0.95 inches) DLP™ chip x 3	21.6 mm (0.85 inches) DLP™ chip x 3	
	Aspect ratio	4:3	16:9	
Interface	Lamp	380 W UHM x 2	380 W UHM x 2	
	Brightness	12,000 lm	11,000 lm	
	Contrast (full on/full off)	10,000:1	10,000:1	
	Resolution native/maximum*1	SXGA+ (1,400 x 1,050)/WUXGA (1,920 x 1,200)	WXGA (1,366 x 768)/WUXGA (1,920 x 1,200)	
	Screen size (diagonal)*2	1.78-25.4 m (70-1,000 inches)*6	1.78-25.4 m (70-1,000 inches)*6	
	Lens shift*3	Vertical: ±50%*7, horizontal: ±30%*7 [powered]	Vertical: ±70%*11, horizontal: ±30%*11 [powered]	
General	Terminals	SDI in [BNC x 2 (3G/HD/SD-SDI x 1, HD/SD-SDI x 1)] 3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPbPr/YCbCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Composite video in [BNC x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPbPr/YCbCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Composite video in [BNC x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	
	Power supply	120 V AC, 9.1 A, 50/60 Hz 220-240 V AC, 4.8 A, 50/60 Hz	120 V AC, 9.1 A, 50/60 Hz 220-240 V AC, 4.8 A, 50/60 Hz	
	Power consumption	980 W (120 V AC)/950 W (220-240 V AC)	980 W (120 V AC)/950 W (220-240 V AC)	
	Dimensions (W x H x D)	530 x 200*8 x 548.5 mm*9 (20-7/8 x 7-7/8*8 x 21-19/32 inches)*9	530 x 200*8 x 548.5 mm*9 (20-7/8 x 7-7/8*8 x 21-19/32 inches)*9	
	Weight*4	Approx. 24 kg/52.9 lbs	Approx. 24 kg/52.9 lbs	
	Features	Filter	Eco Filter	Eco Filter
		Edge Blending	Yes	Yes
		Geometric Adjustment	Yes (Optional upgrade kit available)	-
		Multi-Unit Brightness Control	Yes	Yes
		Portrait mode	Yes*5	Yes*5
		Daylight View	System Daylight View 2	System Daylight View 2
		Detail Clarity Processor	Detail Clarity Processor 3	Detail Clarity Processor 3
		DICOM Simulation Mode	Yes	Yes
P-in-P	Yes	Yes		
Accessory	Replacement lamp	ET-LAD310A/ET-LAD310AW (2 units) ET-LAD320P/ET-LAD320PW (for portrait mode)	ET-LAD310A/ET-LAD310AW (2 units) ET-LAD320P/ET-LAD320PW (for portrait mode)	
	Optional accessories	ET-PKD310H (High ceiling mount bracket) ET-PKD310S (Low ceiling mount bracket) ET-PAD310 (Attachment for ceiling mount bracket) ET-PFD310 (Frame) ET-EMF320 (Replacement filter unit) ET-SFD320 (Smoke cut filter) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P*10 (Auto Screen Adjustment Upgrade Kit)	ET-PKD310H (High ceiling mount bracket) ET-PKD310S (Low ceiling mount bracket) ET-PAD310 (Attachment for ceiling mount bracket) ET-PFD310 (Frame) ET-EMF320 (Replacement filter unit) ET-SFD320 (Smoke cut filter)	
	Optional lens	ET-D75LE6 (Zoom lens, 1.0-1.2:1) ET-D75LE10 (Zoom lens, 1.4-1.8:1) ET-D75LE20 (Zoom lens, 1.8-2.6:1) ET-D75LE30 (Zoom lens, 2.6-5.1:1) ET-D75LE40 (Zoom lens, 5.0-8.0:1) ET-D75LE8 (Zoom lens, 7.9-15.0:1) ET-D75LE50*3 (Fixed-focus lens, 0.8:1) ET-D75LE90*3 (Fixed-focus lens, 0.39:1) ET-D75MC1 (Lens motor cover)	ET-D75LE6 (Zoom lens, 1.0-1.2:1) ET-D75LE10 (Zoom lens, 1.4-1.9:1) ET-D75LE20 (Zoom lens, 1.8-2.7:1) ET-D75LE30 (Zoom lens, 2.7-5.2:1) ET-D75LE40 (Zoom lens, 5.1-8.2:1) ET-D75LE8 (Zoom lens, 8.2-15.4:1) ET-D75LE50*3 (Fixed-focus lens, 0.8:1) ET-D75LE90*3 (Fixed-focus lens, 0.40:1) ET-D75MC1 (Lens motor cover)	
	Standard accessories	Power cord, wireless/wired remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord, wireless/wired remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	

*1: Input signals that exceed the native resolution will be converted to the native resolution. *2: The screen size is that of the original aspect ratio. *3: The lens shift cannot be used or its range of operation is limited with a fixed-focus lens. *4: Average value. Each product has an individual variable in weight. *5: Mounting the optional lamp unit for portrait mode and updating the projector's firmware to MAIN Ver. 2.00 or later are required. *6: 1.78-15.24 m (70-600 inches) with the ET-D75LE8. *7: Vertical ±40% and horizontal ±20% with the ET-D75LE6.

PT-DZ10K



3-Chip DLP™ Projector

10,600 lm WUXGA



* Lens sold separately.

PT-EX16K



LCD Projector

16,000 lm XGA



* Lens sold separately.

PT-EX12K



LCD Projector

13,000 lm XGA



* Lens sold separately.

24.4 mm (0.96 inches) DLP™ chip x 3 16:10 355 W UHM x 2 10,600 lm 10,000:1 WUXGA (1,920 x 1,200) 1.78-25.4 m (70-1,000 inches)* ⁶ Vertical: ±55% ¹³ , horizontal: ±20% ¹³ [powered]	46 mm (1.8 inches) LCD x 3 4:3 380 W UHM x 4 16,000 lm 2,500:1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) 1.02-15.24 m (40-600 inches) ¹⁴ Vertical: ±39% ¹⁵ , horizontal: ±10% ¹⁵ [powered]	46 mm (1.8 inches) LCD x 3 4:3 380 W UHM x 2 13,000 lm 4,000:1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) 1.02-15.24 m (40-600 inches) ¹⁴ Vertical: ±39% ¹⁵ , horizontal: ±10% ¹⁵ [powered]
SDI in [BNC x 1 (3G/HD/SD-SDI x 1)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YpPr/YCbCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YpPr/YCbCr x 1)] Composite video in [BNC x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB in [D-sub HD 15-pin x 1 (RGB x 1)] RGB in [BNC x 5 (RGB/YpPr/YCbCr x 1)] S-Video in [Mini-DIN 4-pin x 1] Serial in [D-sub 9-pin x 1 (RS-232C x 1)] Serial out [D-sub 9-pin x 1 (RS-232C x 1)] Remote 1 in [M3 x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB [USB type-B x 1] Optional board slot [Slot x 2]	DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB in [D-sub HD 15-pin x 1 (RGB x 1)] RGB in [BNC x 5 (RGB/YpPr/YCbCr x 1)] S-Video in [Mini-DIN 4-pin x 1] Serial in [D-sub 9-pin x 1 (RS-232C x 1)] Serial out [D-sub 9-pin x 1 (RS-232C x 1)] Remote 1 in [M3 x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB [USB type-B x 1] Optional board slot [Slot x 2]
120 V AC, 9 A, 50/60 Hz 220-240 V AC, 4.7 A, 50/60 Hz 925 W (120 V AC)/900 W (220-240 V AC) 530 x 200 ⁸ x 548.5 mm ⁹ [20-7/8 x 7-7/8 ⁸ x 21-19/32 inches] ⁹ Approx. 24 kg/52.9 lbs	200-240 V AC, 11 A, 50/60 Hz 1,850 W 650 x 349 x 815 mm ⁹ [25-19/32 x 13-3/4 x 32-3/32 inches] ⁹ Approx. 46.5 kg/102.5 lbs	100-240 V AC, 11 A, 50/60 Hz 940 W 538.5 x 268 x 757 mm ⁹ [21-7/32 x 10-9/16 x 29-3/16 inches] ⁹ Approx. 28 kg/61.7 lbs
Eco Filter Yes Yes Yes Yes ⁵ System Daylight View 2 Detail Clarity Processor 3 Yes Yes	Pleated Air Filter Yes - - - - - -	Eco Filter Yes - - - - - -
ET-LAD310A/ET-LAD310AW (2 units) ET-LAD320P/ET-LAD320PW (for portrait mode) ET-PKD310H (High ceiling mount bracket) ET-PKD310S (Low ceiling mount bracket) ET-PAD310 (Attachment for ceiling mount bracket) ET-PFD310 (Frame) ET-EMF320 (Replacement filter unit) ET-SFD320 (Smoke cut filter) ET-CUK10/CUK10P ¹⁰ (Auto Screen Adjustment Upgrade Kit)	ET-LAE16 ET-PKE16H (High ceiling mount bracket) ET-PKE16S (Low ceiling mount bracket) ET-PKE16B (Bracket assembly) ET-MD16SD1 (HD-SDI/SD-SDI board) ET-SFE16 (Smoke cut filter unit) ET-SRE16 (Replacement filter for the ET-SFE16) ET-RFE16 (Replacement filter unit)	ET-LAE12 ET-PKE16H (High ceiling mount bracket) ET-PKE16S (Low ceiling mount bracket) ET-PKE12B (Bracket assembly) ET-MD16SD1 (HD-SDI/SD-SDI board) ET-RFE12 (Replacement filter unit)
ET-D75LE6 (Zoom lens, 0.9-1.1:1) ET-D75LE10 (Zoom lens, 1.3-1.7:1) ET-D75LE20 (Zoom lens, 1.7-2.4:1) ET-D75LE30 (Zoom lens, 2.4-4.7:1) ET-D75LE40 (Zoom lens, 4.6-7.4:1) ET-D75LE8 (Zoom lens, 7.3-13.8:1) ET-D75LE50 ³ (Fixed-focus lens, 0.7:1) ET-D75LE90 ³ (Fixed-focus lens, 0.36:1) ET-D75MC1 (Lens motor cover)	ET-ELW06 (Zoom lens, 1.2-1.5:1) ET-ELW02 (Zoom lens, 1.4-1.8:1) ET-ELW04 (Zoom lens, 1.5-2.0:1) ET-ELS02 (Zoom lens, 2.0-2.6:1) ET-ELS03 (Zoom lens, 2.6-3.5:1) ET-ELM01 (Zoom lens, 3.5-4.5:1) ET-ELT02 (Zoom lens, 4.4-6.2:1) ET-ELT03 (Zoom lens, 6.3-9.0:1) ET-ELW03 (Fixed-focus lens, 0.8:1)	ET-ELW06 (Zoom lens, 1.2-1.5:1) ET-ELW02 (Zoom lens, 1.4-1.8:1) ET-ELW04 (Zoom lens, 1.5-2.0:1) ET-ELS02 (Zoom lens, 2.0-2.6:1) ET-ELS03 (Zoom lens, 2.6-3.5:1) ET-ELM01 (Zoom lens, 3.5-4.5:1) ET-ELT02 (Zoom lens, 4.4-6.2:1) ET-ELT03 (Zoom lens, 6.3-9.0:1) ET-ELW03 (Fixed-focus lens, 0.8:1)
Power cord, wireless/wired remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord, wireless/wired remote control unit, batteries for remote control unit, computer cable, lens attachment, lens lock lever fixing bracket, lightshielding plate, spacer, cable tie, CD-ROM ¹⁶	Power cord, wireless/wired remote control unit, batteries for remote control unit, computer cable, lens attachment, lens lock lever fixing bracket, lightshielding plate, spacer, cable tie, CD-ROM ¹⁶

*8: Height; with legs at shortest position. *9: Depth; lens not included. *10: Available for use worldwide except in the United States. *11: Vertical ±60% and horizontal ±20% with the ET-D75LE6.

*12: ET-UK20 is unavailable. *13: Vertical ±44% and horizontal ±15% with the ET-D75LE6. *14: 2.54-15.24 m [100-600 inches] with the ET-ELS03. *15: Vertical ±39% with the ET-ELW06, and vertical ±50% and horizontal ±10% with ET-ELS02. *16: CD-ROM includes Logo Transfer Software, Multi Projector Monitoring and Control Software, and Real Color Manager Pro.

Installation

PT-RZ670



1-Chip DLP™ Projector

6,500 lm WUXGA

- Available in white/black cabinet
- Available as lens-less model



PT-RW630



1-Chip DLP™ Projector

6,500 lm WUXGA

- Available in white/black cabinet
- Available as lens-less model

Optical	Panel type	17.0 mm (0.67 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1
	Aspect ratio	16:10	16:10
Interface	Light source	Laser diode	Laser diode
	Brightness	6,500 lm	6,500 lm
	Lens (throw ratio)	F 1.7-1.9, f 25.6-35.7 mm (1.7-2.4:1) [PT-RZ670]	F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1) [PT-RW630]
	Contrast (full on/full off)	10,000:1	10,000:1
	Resolution native/maximum*1	WUXGA (1,920 x 1,200)	WUXGA (1,280 x 800)/WUXGA (1,920 x 1,200)
	Screen size (diagonal)*2	1.27-15.24 m (50-600 inches)*5	1.27-15.24 m (50-600 inches)*5
	Lens shift*3	Vertical: +50%/-16%, horizontal: +30% ⁶ /-10% [powered]	Vertical: +60%/-16%, horizontal: +30% ⁶ /-10% [powered]
General	Terminals	SDI in [BNC x 1 (3G/HD/SD-SDI x 1)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 [RGB/YPbPr/YCbCr/YC/video x 1]] RGB 2 in [D-sub HD 15-pin x 1 [RGB/YPbPr/YCbCr x 1]] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible, Art-net]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 [RGB/YPbPr/YCbCr/YC/video x 1]] RGB 2 in [D-sub HD 15-pin x 1 [RGB/YPbPr/YCbCr x 1]] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible, Art-net]
	Power supply	100-240 V AC, 9.0-4.0 A, 50/60 Hz	100-240 V AC, 9.0-4.0 A, 50/60 Hz
Features	Power consumption	720 W	720 W
	Dimensions (W x H x D)	498 x 200*7 x 581 mm*8 (19-19/32 x 7-7/8*7 x 22-7/8 inches)*8	498 x 200*7 x 581 mm*8 (19-19/32 x 7-7/8*7 x 22-7/8 inches)*8
	Weight*4	Approx. 23.2 kg/51.1 lbs [PT-RZ670L: approx. 22.5 kg/49.6 lbs]	Approx. 23.2 kg/51.1 lbs [PT-RW630L: approx. 22.5 kg/49.6 lbs]
	Filter	Filter-free	Filter-free
Accessory	Maintenance-free duration	20,000 hours*9	20,000 hours*9
	Edge Blending	Yes	Yes
	Geometric Adjustment	Yes (Optional upgrade kit available)	-
	Portrait mode	Yes (360-degree free installation capability)	Yes (360-degree free installation capability)
	Rich Color Enhancer	-	-
	Daylight View	System Daylight View 2	System Daylight View 2
	Detail Clarity Processor	Detail Clarity Processor 3	Detail Clarity Processor 3
	DICOM Simulation Mode	Yes	Yes
Optical accessories	P-in-P/Side-by-Side	P-in-P/Side-by-Side	P-in-P/Side-by-Side
	Optional accessories	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P*10 (Auto Screen Adjustment Upgrade Kit)	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)
	Optional lens	ET-DLE085 (Zoom lens, 0.8-1.0:1) ET-DLE150 (Zoom lens, 1.3-1.9:1) ET-DLE250 (Zoom lens, 2.3-3.6:1) ET-DLE350 (Zoom lens, 3.6-5.4:1) ET-DLE450 (Zoom lens, 5.4-8.6:1) ET-DLE055*3 (Fixed-focus lens, 0.8:1) ET-DLE030*3 (Fixed-focus lens, 0.38:1)	ET-DLE085 (Zoom lens, 0.8-1.0:1) ET-DLE150 (Zoom lens, 1.4-2.0:1) ET-DLE250 (Zoom lens, 2.4-3.8:1) ET-DLE350 (Zoom lens, 3.8-5.7:1) ET-DLE450 (Zoom lens, 5.6-9.0:1) ET-DLE055*3 (Fixed-focus lens, 0.8:1) ET-DLE030*3 (Fixed-focus lens, 0.4:1)
Standard accessories	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*11	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*11	

*1: Input signals that exceed the native resolution will be converted to the native resolution. *2: The screen size is that of the original aspect ratio. *3: The lens shift cannot be used with a fixed-focus lens. *4: Average value. Each product has an individual variable in weight. *5: 1.27-5.08 m [50-200 inches] with the ET-DLE055. *6: Horizontal +28% with the ET-DLE085. *7: Height: with legs at shortest position. *8: Depth: including the supplied lens. Depth: 538 mm (21-3/16 inches) for the lens-less models.

PT-RZ570

NEW



1-Chip DLP™ Projector



5,400 lm (Center) | 5,200 lm | WUXGA

• Available in white/black cabinet

17.0 mm (0.67 inches) DLP™ chip x 1
16:10
Laser diode
5,400 lm (Center)*12 / 5,200 lm
F 2.0-3.4, f 21.5-43.0 mm (1.46-2.94:1)
20,000:1
WUXGA (1,920 x 1,200)
1.02-7.62 m (40-300 inches)
Vertical: +64 %/-44 %, horizontal: +34 %/-27 % [manual]
HDMI in [HDMI 19-pin x 2 (HDCP compatible)]
DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)]
Computer 1 in [D-sub HD 15-pin x 1 (RGB/YpPr/YcCr/Yc x 1)]
Computer 2 in/1 out [D-sub HD 15-pin x 1 (RGB/YpPr/YcCr x 1)]
Composite video in [Pin jack x 1]
Audio in [1 Pin jack x 2 (L x 1, R x 1)]
Audio in 2/3 [M3 x 2 (L-R x 2)]
Audio out [M3 x 1 (L-R x 1)]
Serial in [D-sub 9-pin x 1 (RS-232C)]
LAN [RJ-45 x 1 (10Base-T/100Base-TX)]
LAN/DIGITAL LINK
[RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible, Art-net]
USB [USB type-A x 1]
100-240 V AC, 5.9-2.3 A, 50/60 Hz
500 W
498 x 168 ^{**} x 492 mm
[19-19/32 x 6-5/8 ^{**} x 19-3/8 inches]
Approx. 16.3 kg/35.9 lbs
Filter-free
20,000 hours*9
Yes
-
Yes (360-degree free installation capability)
Yes
Daylight View Basic
Detail Clarity Processor 3
Yes
P-in-P
ET-PKD120H (High ceiling mount bracket)
ET-PKD120S (Low ceiling mount bracket)
ET-PKD130B (Attachment for ceiling mount bracket)
ET-YFB200G (DIGITAL LINK Switcher)
ET-YFB100G (Digital Interface Box)

Power cord, power cord secure lock, wireless remote control unit, batteries for remote control unit, CD-ROM*11

Introducing Pure Laser Technology

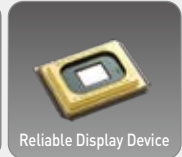
Panasonic SOLID SHINE Laser Light Source Products



Panasonic Quality

Outstanding Picture Quality

Panasonic's SOLID SHINE Laser is based on solid-state laser light sources and an original heat-resistant phosphor wheel. This dependable technology delivers exceptionally high brightness and resolution while limiting image degradation over years of continuous 24/7 operation.



Long-lasting Maintenance-free Reliability

Image brightness is greatly affected by dust. An airtight optical block and filter-less design makes SOLID SHINE Laser projectors ideal for use in harsh environments. Panasonic SOLID SHINE Laser projectors comply with Japanese Building Maintenance Association and ASHRAE guidelines for operation in environments containing 0.150 mg of dust per cubic meter.



* At this time the brightness would have decreased to approximately 1/2 of its original level. After approximately 20,000 hours, cleaning needs to be performed (by the vendor which you purchased from). The light source's lifetime may be shortened due to environmental conditions.

Flexible Installation

Vertical, horizontal and tilting 360-degree projection enabled by laser light source. This flexibility enables projection from virtually any angle which is not possible with traditional lamp-based projectors.



Usage Example Science Centre Singapore

Since the maintenance of the lamp and filter of projectors at high locations is troublesome, a laser projector was highly recommended. Panasonic's PT-RZ670 projectors provided high picture quality, flexible installation, and high reliability, and were the best choice for these permanent exhibitions.



For more information about Panasonic SOLID SHINE Laser projectors, please visit the website.

>>> business.panasonic.co.uk/visual-system/solid-shine-next-generation



*9: At this time the brightness will have decreased to approximately 1/2 of its original level. Have the store where you purchased the unit perform cleaning after approximately 20,000 hours. The light source's lifetime may be shortened due to environmental conditions. *10: Available for use worldwide except in the United States. *11: CD-ROM includes Logo Transfer Software and Multi Monitoring and Control Software. *12: Luminance measured at center of screen.

Installation

PT-RZ475



1-Chip DLP™ Projector

3,000 lm

Full HD



PT-RZ470



1-Chip DLP™ Projector

3,500 lm

Full HD



• Available in white/black cabinet.

Optical	Panel type	16.5 mm (0.65 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1
	Aspect ratio	16:9	16:9
	Light source	LED/Laser-combined (R, B: LED; G: Laser diode)	LED/Laser-combined (R, B: LED; G: Laser diode)
	Brightness	3,000 lm	3,500 lm
	Lens (throw ratio)	F 1.8, f 11.9 mm (0.8:1)	F 2.0-3.4, f 21.5-43.0 mm (1.46-2.94:1)
	Contrast (full on/full off)	20,000:1	20,000:1
	Resolution native/maximum*1	Full HD (1,920 x 1,080)/WUXGA (1,920 x 1,200)	Full HD (1,920 x 1,080)/WUXGA (1,920 x 1,200)
Screen size (diagonal)*2	1.02-5.08 m (40-200 inches)	1.02-7.62 m (40-300 inches)	
Lens shift	Vertical: ±10 %, horizontal: ±3.4 % (manual)	Vertical: +73 %-48 %, horizontal: +35 %-27 % (manual)	
Interface	Built-in speaker	-	-
	Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-I in [DVI-I 29-pin x 1 (Digital: HDCP compatible) (Analog: RGB/YPbPr/YCbCr x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Composite video in [Pin jack x 1] Audio in [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible] 3D SYNC out [Mini Din 3pin x 1 (for 3D Transmitter connection)]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-I in [DVI-I 29-pin x 1 (Digital: HDCP compatible) (Analog: RGB/YPbPr/YCbCr x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Composite video in [Pin jack x 1] Audio in [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible] 3D SYNC out [Mini Din 3pin x 1 (for 3D Transmitter connection)]
	Power supply	100-240 V AC, 5.0-1.8 A, 50/60 Hz	100-240 V AC, 5.2-2.0 A, 50/60 Hz
	Power consumption	430 W (Normal/ECO1: 230 W, ECO2: 170 W) *4	460 W (Normal: 250 W, ECO1: 200 W, ECO2: 178 W) *4
	Dimensions (W x H x D)	455 x 137*5 x 409 mm*6 (17-29/32 x 5-13/32*5 x 16-3/32 inches)*6	455 x 137*5 x 415 mm*6 (17-29/32 x 5-13/32*5 x 16-11/32 inches)*6
	Weight*3	Approx. 11.5 kg/25.4 lbs	Approx. 11.0 kg/24.3 lbs
	Filter	Filter-free	Filter-free
Maintenance-free duration	3 years (Normal)*7	20,000 hours*7	
Edge Blending	Yes	Yes	
Emulation	Yes	Yes	
Daylight View	Daylight View Basic	Daylight View Basic	
3D Ready	Yes	Yes	
DICOM Simulation Mode	Yes	Yes	
Portrait Mode	Yes	Yes	
Audio Out During Standby	Yes	Yes	
Accessory	Optional accessories	ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-PKR100P (Portrait mode mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-PKR100P (Portrait mode mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)
	Standard accessories	Power cord (with secure lock), wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord (with secure lock), wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)

*1: Input signals that exceed the native resolution will be converted to the native resolution.

*2: The screen size is that of the original aspect ratio.

*3: Average value. Each product has an individual variable in weight.

PT-RW430



1-Chip DLP™ Projector

3,500 lm WXGA



• Available in white/black cabinet.

PT-RZ370



1-Chip DLP™ Projector

3,500 lm Full HD



PT-RW330



1-Chip DLP™ Projector

3,500 lm WXGA



16.5 mm (0.65 inches) DLP™ chip x 1 16:10 LED/Laser-combined (R, B: LED; G: Laser diode) 3,500 lm F 2.0-3.4, f21.5-43.0 mm (1.53-3.09:1) 20,000:1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) 1.02-7.62 m (40-300 inches) Vertical: +69 %/-46 %, horizontal: +37 %/-28 % (manual)	16.5 mm (0.65 inches) DLP™ chip x 1 16:9 LED/Laser-combined (R, B: LED; G: Laser diode) 3,500 lm F 2.0-3.4, f21.5-43.0 mm (1.46-2.94:1) 10,000:1 Full HD (1,920 x 1,080)/WUXGA (1,920 x 1,200) 1.02-7.62 m (40-300 inches) Vertical: +73 %/-48 %, horizontal: +35 %/-27 % (manual)	16.5 mm (0.65 inches) DLP™ chip x 1 16:10 LED/Laser-combined (R, B: LED; G: Laser diode) 3,500 lm F 2.0-3.4, f21.5-43.0 mm (1.53-3.09:1) 10,000:1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) 1.02-7.62 m (40-300 inches) Vertical: +69 %/-46 %, horizontal: +37 %/-28 % (manual)
- HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-I in [DVI-I 29-pin x 1 (Digital: HDCP compatible) (Analog: RGB/YPbPr/YCbCr x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Composite video in [Pin jack x 1] Audio in [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible] 3D SYNC out [Mini Din 3pin x 1 (for 3D Transmitter connection)]	- HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-I in [DVI-I 29-pin x 1 (Digital: HDCP compatible) (Analog: RGB/YPbPr/YCbCr x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Composite video in [Pin jack x 1] Audio in [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible]	- HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-I in [DVI-I 29-pin x 1 (Digital: HDCP compatible) (Analog: RGB/YPbPr/YCbCr x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Composite video in [Pin jack x 1] Audio in [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible]
100-240 V AC, 5.2-2.0 A, 50/60 Hz 460 W (Normal: 250 W, ECO1: 200 W, ECO2: 178 W) *4 455 x 137*5 x 415 mm*6 [17-29/32 x 5-13/32*5 x 16-11/32 inches]*6 Approx. 11.0 kg/24.3 lbs	100-240 V AC, 5.2-2.0 A, 50/60 Hz 460 W (Normal: 250 W, ECO1: 200 W, ECO2: 178 W) *4 455 x 137*5 x 415 mm*6 [17-29/32 x 5-13/32*5 x 16-11/32 inches]*6 Approx. 11.0 kg/24.3 lbs	100-240 V AC, 5.2-2.0 A, 50/60 Hz 460 W (Normal: 250 W, ECO1: 200 W, ECO2: 178 W) *4 455 x 137*5 x 415 mm*6 [17-29/32 x 5-13/32*5 x 16-11/32 inches]*6 Approx. 11.0 kg/24.3 lbs
Filter-free 20,000 hours*7 Yes Yes Daylight View Basic Yes Yes Yes Yes	- Yes Daylight View Basic - Yes - Yes	Filter-free 20,000 hours*7 Yes Yes Daylight View Basic - Yes - Yes
ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-PKR100P (Portrait mode mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)
Power cord (with secure lock), wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord (with secure lock), wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord (with secure lock), wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)

*4: IN STANDARD/GRAPHIC picture mode. Measured based on the power consumption rate and a measurement method for the TV receiver. *5: Height: with legs at shortest position. *6: Depth: including the lens.

*7: A guideline for light source replacement. The maintenance-free duration may be shortened due to environmental conditions. 16

Installation

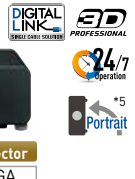
PT-DZ870



1-Chip DLP™ Projector
8,500 lm WUXGA

- Available in white/black cabinet
- Available as lens-less model

PT-DW830



1-Chip DLP™ Projector
8,500 lm WUXGA

- Available in white/black cabinet
- Available as lens-less model

	PT-DZ870	PT-DW830
Optical	<p>Panel type 17.0 mm (0.67 inches) DLP™ chip x 1</p> <p>Aspect ratio 16:10</p> <p>Lamp 420 W UHM x 2</p> <p>Brightness 8,500 lm</p> <p>Lens (throw ratio) F 1.7-1.9, f 25.6-35.7 mm (1.7-2.4:1) [PT-DZ870]</p> <p>Contrast (full on/full off) 10,000:1</p> <p>Resolution native/maximum*1 WUXGA (1,920 x 1,200)</p> <p>Screen size (diagonal)*2 1.27-15.24 m (50-600 inches)*6</p> <p>Lens shift*3 Vertical: +50 %, horizontal: ±10 % (powered)</p>	<p>Panel type 16.5 mm (0.65 inches) DLP™ chip x 1</p> <p>Aspect ratio 16:10</p> <p>Lamp 420 W UHM x 2</p> <p>Brightness 8,500 lm</p> <p>Lens (throw ratio) F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1) [PT-DW830]</p> <p>Contrast (full on/full off) 10,000:1</p> <p>Resolution native/maximum*1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)</p> <p>Screen size (diagonal)*2 1.27-15.24 m (50-600 inches)*6</p> <p>Lens shift*3 Vertical: +60 %, horizontal: ±10 % (powered)</p>
Interface	<p>Terminals</p> <p>SDI in [BNC x 1 (3G/HD/SD-SDI x 1)]</p> <p>DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)]</p> <p>HDMI in [HDMI 19-pin x 1 (HDCP compatible)]</p> <p>RGB 1 in [BNC x 5 (RGB/Y/PbPr/YCbCr x 1)]</p> <p>RGB 2 in [D-sub HD 15-pin x 1 (RGB/Y/PbPr/YCbCr x 1)]</p> <p>Composite video in [BNC x 1]</p> <p>3D SYNC in/out [BNC x 1 (3D timing signal)]</p> <p>3D SYNC out [BNC x 1 (3D timing signal)]</p> <p>Serial in [D-sub 9-pin x 1 (RS-232C)]</p> <p>Serial out [D-sub 9-pin x 1 (RS-232C)]</p> <p>Remote 1 in/out [M3 x 2 (in x 1, out x 1)]</p> <p>Remote 2 in [D-sub 9-pin x 1]</p> <p>LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible, Art-net]</p>	<p>Terminals</p> <p>DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)]</p> <p>HDMI in [HDMI 19-pin x 1 (HDCP compatible)]</p> <p>RGB 1 in [BNC x 5 (RGB/Y/PbPr/YCbCr x 1)]</p> <p>RGB 2 in [D-sub HD 15-pin x 1 (RGB/Y/PbPr/YCbCr x 1)]</p> <p>Composite video in [BNC x 1]</p> <p>3D SYNC in/out [BNC x 1 (3D timing signal)]</p> <p>3D SYNC out [BNC x 1 (3D timing signal)]</p> <p>Serial in [D-sub 9-pin x 1 (RS-232C)]</p> <p>Serial out [D-sub 9-pin x 1 (RS-232C)]</p> <p>Remote 1 in/out [M3 x 2 (in x 1, out x 1)]</p> <p>Remote 2 in [D-sub 9-pin x 1]</p> <p>LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible, Art-net]</p>
General	<p>Power supply 120-240 V AC, 10-5.2 A, 50/60 Hz</p> <p>Power consumption 1,030 W</p> <p>Dimensions (W x H x D) 498 x 200*7 x 556 mm*8 (19-19/32 x 7-7/8*7 x 21-7/8 inches)*8</p> <p>Weight*4 Approx. 18.3 kg/40.3 lbs [PT-DZ870L: approx. 17.6 kg/38.8 lbs]</p>	<p>Power supply 120-240 V AC, 10-5.2 A, 50/60 Hz</p> <p>Power consumption 1,030 W</p> <p>Dimensions (W x H x D) 498 x 200*7 x 556 mm*8 (19-19/32 x 7-7/8*7 x 21-7/8 inches)*8</p> <p>Weight*4 Approx. 18.3 kg/40.3 lbs [PT-DW830L: approx. 17.6 kg/38.8 lbs]</p>
Features	<p>Filter Filter-less</p> <p>Edge Blending Yes</p> <p>Geometric Adjustment Yes (Optional upgrade kit available)</p> <p>Portrait mode Yes*6</p> <p>RGB Booster Yes (Dynamic RGB Booster)</p> <p>Daylight View System Daylight View 2</p> <p>Detail Clarity Processor Detail Clarity Processor 3</p> <p>DICOM Simulation Mode Yes</p> <p>P-in-P/Side-by-Side P-in-P/Side-by-Side</p>	<p>Filter Filter-less</p> <p>Edge Blending Yes</p> <p>Geometric Adjustment -</p> <p>Portrait mode Yes*6</p> <p>RGB Booster Yes (Dynamic RGB Booster)</p> <p>Daylight View System Daylight View 2</p> <p>Detail Clarity Processor Detail Clarity Processor 3</p> <p>DICOM Simulation Mode Yes</p> <p>P-in-P/Side-by-Side P-in-P/Side-by-Side</p>
Accessory	<p>Replacement lamp ET-LAD120/ET-LAD120W (2 units) ET-LAD120P/ET-LAD120PW (for portrait mode)</p> <p>Optional accessories ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P*9 [Auto Screen Adjustment Upgrade Kit]</p> <p>Optional lens ET-DLE085 (Zoom lens, 0.8-1.0:1) ET-DLE150 (Zoom lens, 1.3-1.9:1) ET-DLE250 (Zoom lens, 2.3-3.6:1) ET-DLE350 (Zoom lens, 3.6-5.4:1) ET-DLE450 (Zoom lens, 5.4-8.6:1) ET-DLE055*3 (Fixed-focus lens, 0.8:1) ET-DLE030*3 (Fixed-focus lens, 0.38:1)</p> <p>Standard accessories Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*10</p>	<p>Replacement lamp ET-LAD120/ET-LAD120W (2 units) ET-LAD120P/ET-LAD120PW (for portrait mode)</p> <p>Optional accessories ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)</p> <p>Optional lens ET-DLE085 (Zoom lens, 0.8-1.0:1) ET-DLE150 (Zoom lens, 1.4-2.0:1) ET-DLE250 (Zoom lens, 2.4-3.8:1) ET-DLE350 (Zoom lens, 3.8-5.7:1) ET-DLE450 (Zoom lens, 5.6-9.0:1) ET-DLE055*3 (Fixed-focus lens, 0.8:1) ET-DLE030*3 (Fixed-focus lens, 0.4:1)</p> <p>Standard accessories Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*10</p>

*1: Input signals that exceed the native resolution will be converted to the native resolution. *2: The screen size is that of the original aspect ratio. *3: The lens shift cannot be used with a fixed-focus lens. *4: Average value. Each product has an individual variable in weight. *5: Mounting the optional lamp unit for portrait mode and updating the projector's firmware to MAIN Ver. 2.00 or later are required. *6: 1.27-5.08 m (50-200 inches) with the ET-DLE055. 2.54-8.89 m (100-350 inches) with the ET-DLE030.

PT-DX100



1-Chip DLP™ Projector

10,000 lm XGA

- Available in white/black cabinet
- Available as lens-less model

17.8 mm (0.7 inches) DLP™ chip x 1
4:3
420 W UHM x 2
10,000 lm
F 1.7-1.9, f.25.6-35.7 mm (1.8-2.5:1) [PT-DX100]
10,000:1
XGA (1,024 x 768)/WUXGA (1,920 x 1,200)
1.27-15.24 m (50-600 inches)*⁶
Vertical: +50%¹¹, horizontal: ±10% [powered]

DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)]
HDMI in [HDMI 19-pin x 1 (HDCP compatible)]
RGB 1 in [BNC x 5 (RGB/YPbPr/YCbCr x 1)]
RGB 2 in [D-sub HD 15-pin x 1
(RGB/YPbPr/YCbCr x 1)]
Composite video in [BNC x 1]
3D SYNC in/out [BNC x 1 (3D timing signal)]
3D SYNC out [BNC x 1 (3D timing signal)]
Serial in [D-sub 9-pin x 1 (RS-232C)]
Serial out [D-sub 9-pin x 1 (RS-232C)]
Remote 1 in/out [M3 x 2 (in x 1, out x 1)]
Remote 2 in [D-sub 9-pin x 1]
LAN/DIGITAL LINK
[RJ-45 x 1, for network/DIGITAL LINK connection,
100Base-TX, HDCP compatible, Art-net]

120-240 V AC, 10-5.2 A, 50/60 Hz
1,030 W
498 x 200⁷ x 556 mm^{*8}
(19-19/32 x 7-7/8⁷ x 21-7/8 inches)^{*8}
Approx. 18.3 kg/40.3 lbs
(PT-DX100L: approx. 17.6 kg/38.8 lbs)

Filter-less

Yes
-
Yes^{*6}
Yes (Dynamic RGB Booster)
System Daylight View 2
Detail Clarity Processor 3
Yes
P-in-P/Side-by-Side
ET-LAD120/ET-LAD120W (2 units)
ET-LAD120P/ET-LAD120PW (for portrait mode)

ET-PKD130H (High ceiling mount bracket)
ET-PKD120S (Low ceiling mount bracket)
ET-PKD130B (Attachment for ceiling mount bracket)
ET-YFB200G (DIGITAL LINK Switcher)
ET-YFB100G (Digital Interface Box)

ET-DLE085 (Zoom lens, 0.8-1.0:1)
ET-DLE150 (Zoom lens, 1.3-2.0:1)
ET-DLE250 (Zoom lens, 2.4-3.7:1)
ET-DLE350 (Zoom lens, 3.7-5.6:1)
ET-DLE450 (Zoom lens, 5.5-8.9:1)
ET-DLE055³ (Fixed-focus lens, 0.8:1)
ET-DLE030³ (Fixed-focus lens, 0.39:1)

Power cord, power cord secure lock,
wireless/wired remote control unit,
batteries for remote control unit, CD-ROM^{*10}

PT-DZ780



1-Chip DLP™ Projector

10,000 lm WUXGA

- Available in white/black cabinet
- Available as lens-less model

17.0 mm (0.67 inches) DLP™ chip x 1
16:10
310 W UHM x 2
7,000 lm
F 1.7-1.9, f.25.6-35.7 mm (1.7-2.4:1) [PT-DZ780]
3,000:1
WUXGA (1,920 x 1,200)
1.27-15.24 m (50-600 inches)*⁶
Vertical: +50%/−16%, horizontal: +30%¹²/−10% [powered]

SDI in [BNC x 1 (3G/HD/SD-SDI x 1)]
HDMI in [HDMI 19-pin x 1 (HDCP compatible)]
DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)]
RGB 1 in [BNC x 5
(RGB/YPbPr/YCbCr/video x 1)]
RGB 2 in [D-sub HD 15-pin x 1
(RGB/YPbPr/YCbCr x 1)]
Serial in [D-sub 9-pin x 1 (RS-232C)]
Serial out [D-sub 9-pin x 1 (RS-232C)]
Remote 1 in/out [M3 x 2 (in x 1, out x 1)]
Remote 2 in [D-sub 9-pin x 1]
LAN/DIGITAL LINK
[RJ-45 x 1, for network/DIGITAL LINK connection,
100Base-TX, HDCP compatible, Art-net]

120 V AC, 8 A, 50/60 Hz, 220-240 V AC, 4.5 A, 50/60 Hz
790 W (except Taiwan), 785 W (Taiwan)
498 x 175⁷ x 521 mm^{*13}
(19-19/32 x 6-7/8⁷ x 20-1/2 inches)^{*13}
Approx. 17.8 kg/39.2 lbs
(PT-DZ780L: approx. 17 kg/37.5 lbs)

Filter-less

Yes
Yes (Optional upgrade kit available)
-
Yes (Dynamic RGB Booster)
System Daylight View 2
Detail Clarity Processor 3
Yes
P-in-P/Side-by-Side
ET-LAD70/ET-LAD70W (2 units)

ET-PKD130H (High ceiling mount bracket)
ET-PKD120S (Low ceiling mount bracket)
ET-PKD130B (Attachment for ceiling mount bracket)
ET-YFB200G (DIGITAL LINK Switcher)
ET-YFB100G (Digital Interface Box)
ET-UK20 (Geometry Manager Pro Upgrade kit)
ET-CUK10/CUK10P⁹
[Auto Screen Adjustment Upgrade Kit]

ET-DLE085 (Zoom lens, 0.8-1.0:1)
ET-DLE150 (Zoom lens, 1.3-1.9:1)
ET-DLE250 (Zoom lens, 2.3-3.6:1)
ET-DLE350 (Zoom lens, 3.6-5.4:1)
ET-DLE450 (Zoom lens, 5.4-8.6:1)
ET-DLE055³ (Fixed-focus lens, 0.8:1)
ET-DLE030³ (Fixed-focus lens, 0.38:1)

Power cord, power cord secure lock,
wireless/wired remote control unit,
batteries for remote control unit, CD-ROM^{*10}

PT-DW750



1-Chip DLP™ Projector

7,000 lm WXGA

- Available in white/black cabinet
- Available as lens-less model

16.5 mm (0.65 inches) DLP™ chip x 1
16:10
310 W UHM x 2
7,000 lm
F 1.7-1.9, f.25.6-35.7 mm (1.8-2.5:1) [PT-DW750]
3,000:1
WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)
1.27-15.24 m (50-600 inches)*⁶
Vertical: +60%/−16%, horizontal: +30%¹²/−10% [powered]

HDMI in [HDMI 19-pin x 1 (HDCP compatible)]
DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1
(HDCP compatible))]
RGB 1 in [BNC x 5
(RGB/YPbPr/YCbCr/YC/video x 1)]
RGB 2 in [D-sub HD 15-pin x 1
(RGB/YPbPr/YCbCr x 1)]
Serial in [D-sub 9-pin x 1 (RS-232C)]
Serial out [D-sub 9-pin x 1 (RS-232C)]
Remote 1 in/out [M3 x 2 (in x 1, out x 1)]
Remote 2 in [D-sub 9-pin x 1]
LAN/DIGITAL LINK
[RJ-45 x 1, for network/DIGITAL LINK connection,
100Base-TX, HDCP compatible, Art-net]

120 V AC, 7.5 A, 50/60 Hz, 220-240 V AC, 4.3 A, 50/60 Hz
790 W (except Taiwan), 785 W (Taiwan)
498 x 175⁷ x 521 mm^{*13}
(19-19/32 x 6-7/8⁷ x 20-1/2 inches)^{*13}
Approx. 17.8 kg/39.2 lbs
(PT-DW750L: approx. 17 kg/37.5 lbs)

Filter-less

Yes
Yes
-
Yes (Dynamic RGB Booster)
System Daylight View 2
Detail Clarity Processor 3
Yes
P-in-P/Side-by-Side
ET-LAD70/ET-LAD70W (2 units)

ET-PKD130H (High ceiling mount bracket)
ET-PKD120S (Low ceiling mount bracket)
ET-PKD130B (Attachment for ceiling mount bracket)
ET-YFB200G (DIGITAL LINK Switcher)
ET-YFB100G (Digital Interface Box)

ET-DLE085 (Zoom lens, 0.8-1.0:1)
ET-DLE150 (Zoom lens, 1.4-2.0:1)
ET-DLE250 (Zoom lens, 2.4-3.8:1)
ET-DLE350 (Zoom lens, 3.8-5.7:1)
ET-DLE450 (Zoom lens, 5.6-9.0:1)
ET-DLE055³ (Fixed-focus lens, 0.8:1)
ET-DLE030³ (Fixed-focus lens, 0.4:1)

Power cord, power cord secure lock,
wireless/wired remote control unit,
batteries for remote control unit, CD-ROM^{*10}

*7: Height; with legs at shortest position. *8: Depth; including the supplied lens. Depth: 513 mm (20-3/16 inches) for the lens-less models. *9: Available for use worldwide except in the United States. *10: CD-ROM includes Logo Transfer Software and Multi Projector Monitoring and Control Software. *11: Vertical +45% with the ET-DLE085. *12 Horizontal +28% with the ET-DLE085. *13: Depth; including the supplied lens. Depth: 508 mm (20 inches) for the lens-less models.

Installation

PT-DX820



1-Chip DLP™ Projector

8,200 lm XGA

- Available in white/black cabinet
- Available as lens-less model

PT-EZ770Z



LCD Projector

6,500 lm WUXGA

- Available as lens-less model

Optical	Panel type	17.8 mm (0.7 inches) DLP™ chip x 1	19.0 mm (0.76 inches) LCD x 3
	Aspect ratio	4:3	16:10
Optical	Lamp	310 W UHM x 2	400 W UHM
	Brightness	8,200 lm	6,500 lm
	Lens (throw ratio)	F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1) (PT-DX820)	F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) (PT-EZ770Z)
	Contrast (full on/full off)	2,400:1	5,000:1
	Resolution native/maximum*1	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)
	Screen size (diagonal)*2	1.27-15.24 m (50-600 inches)*5	1.02-10.16 m (40-400 inches)
Optical	Lens shift*3	Vertical: +50 %/-13 %, horizontal: +30 % ⁶ /-10 % (powered)	Vertical: ±60 %, horizontal: ±10 % (powered)
	Built-in speaker	-	10.0 W (monaural)
Interface	Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/Y/PaPr/YCbCr/YC/video x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/Y/PaPr/YCbCr x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible, Art-net]	DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DisplayPort in [DP-20P x 1 (DisplayPort 1.1, HDCP compatible)] RGB 1 in [D-sub HD 15-pin x 1 (RGB/Y/PaPr/YCbCr x 1)] RGB 2 in [BNC x 5 (RGB/Y/PaPr/YCbCr x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1/2 [M3 x 2 (L-R x 2)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible]
	Power supply	120 V AC, 7.5 A, 50/60 Hz, 220-240 V AC, 4.3 A, 50/60 Hz	100-240 V AC, 50/60 Hz
General	Power consumption	790 W (except Taiwan), 785 W (Taiwan)	590 W
	Dimensions (W x H x D)	498 x 175 ⁷ x 521 mm ⁸ [19-19/32 x 6-7/8 ⁷ x 20-1/2 inches] ⁸	530 x 177 ⁷ x 445 mm ^{10*11} [20-7/8 x 6-31/32 ⁷ x 17-1/2 inches] ^{10*11}
General	Weight*4	Approx. 17.8 kg/39.2 lbs (PT-DX820L: approx. 17 kg/37.5 lbs)	Approx. 10.6 kg/23.4 lbs (PT-EZ770ZL: approx. 9.8 kg/21.6 lbs)
	Filter	Filter-less	Eco Filter
Features	Edge Blending	Yes	-
	Geometric Adjustment	Yes	-
	Emulation	-	Yes
	RGB Booster	Yes (Dynamic RGB Booster)	-
	Daylight View	System Daylight View 2	Daylight View Basic
	Detail Clarity Processor	Detail Clarity Processor 3	-
	DICOM Simulation Mode	Yes	Yes
	Corner Keystone	-	Yes
	P-in-P/Side-by-Side	P-in-P/Side-by-Side	P-in-P/Side-by-Side
	Audio Out During Standby	-	Yes
Accessory	Replacement lamp	ET-LAD70/ET-LAD70W (2 units)	ET-LAE300
	Optional accessories	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)
Accessory	Optional lens	ET-DLE085 (Zoom lens, 0.8-1.0:1) ET-DLE150 (Zoom lens, 1.3-2.0:1) ET-DLE250 (Zoom lens, 2.4-3.7:1) ET-DLE350 (Zoom lens, 3.7-5.6:1) ET-DLE450 (Zoom lens, 5.5-8.9:1) ET-DLE055*3 (Fixed-focus lens, 0.8:1) ET-DLE030*3 (Fixed-focus lens, 0.39:1)	ET-ELW22 (Zoom lens, 0.8-1.0:1) ET-ELW20 (Zoom lens, 1.3-1.7:1) ET-ELT20 (Zoom lens, 2.8-4.6:1) ET-ELT21 (Zoom lens, 4.6-7.2:1) ET-ELW21 (Fixed-focus lens, 0.8:1)
	Standard accessories	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, wire rope, CD-ROM ⁹	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, CD-ROM ⁹

*1: Input signals that exceed the native resolution will be converted to the native resolution. *2: The screen size is that of the original aspect ratio.

*3: The lens shift cannot be used with a fixed-focus lens. *4: Average value. Each product has an individual variable in weight.

*5: 1.27-5.08 m (50-200 inches) with the ET-DLE055. 2.54-8.89 m (100-350 inches) with the ET-DLE030.

PT-EW730Z



LCD Projector

7,000 lm WXGA

• Available as lens-less model

PT-EX800Z



LCD Projector

7,500 lm XGA

• Available as lens-less model

19.0 mm (0.76 inches) LCD x 3 16:10 400 W UHM 7,000 lm F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) (PT-EW730Z) 5,000:1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) 1.02-10.16 m (40-400 inches) Vertical: ±60 %, horizontal: ±10 % (powered)	20.0 mm (0.79 inches) LCD x 3 4:3 400 W UHM 7,500 lm F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) (PT-EX800Z) 5,000:1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) 1.02-10.16 m (40-400 inches) Vertical: ±50 %, horizontal: ±10 % (powered)
DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DisplayPort in [DP-20P x 1 (DisplayPort 1.1, HDCP compatible)]	DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DisplayPort in [DP-20P x 1 (DisplayPort 1.1, HDCP compatible)]
RGB 1 in [D-sub HD 15-pin x 1 (RGB/YpPp/YCbCr x 1)] RGB 2 in [BNC x 5 (RGB/YpPp/YCbCr x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1/2 [M3 x 2 (L-R x 2)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible]	RGB 1 in [D-sub HD 15-pin x 1 (RGB/YpPp/YCbCr x 1)] RGB 2 in [BNC x 5 (RGB/YpPp/YCbCr x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1/2 [M3 x 2 (L-R x 2)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible]
100-240 V AC, 50/60 Hz 575 W 530 x 177 ^{*7} x 445 mm ^{*10} ¹¹ [20-7/8 x 6-31/32 ^{*7} x 17-1/2 inches] ^{*10} ¹¹ Approx. 10.6 kg/23.4 lbs (PT-EW730ZL: approx. 9.8 kg/21.6 lbs)	100-240 V AC, 50/60 Hz 575 W 530 x 177 ^{*7} x 445 mm ^{*10} ¹¹ [20-7/8 x 6-31/32 ^{*7} x 17-1/2 inches] ^{*10} ¹¹ Approx. 10.6 kg/23.4 lbs (PT-EX800ZL: approx. 9.8 kg/21.6 lbs)
Eco Filter - - Yes - Daylight View Basic - Yes Yes P-in-P/Side-by-Side Yes	Eco Filter - - Yes - Daylight View Basic - Yes Yes P-in-P/Side-by-Side Yes
ET-LAE300 ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-LAE300 ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)
ET-ELW22 (Zoom lens, 0.8-1.0:1) ET-ELW20 (Zoom lens, 1.3-1.7:1) ET-ELT20 (Zoom lens, 2.8-4.6:1) ET-ELT21 (Zoom lens, 4.6-7.2:1) ET-ELW21 (Fixed-focus lens, 0.8:1)	ET-ELW22 (Zoom lens, 0.8-1.0:1) ET-ELW20 (Zoom lens, 1.3-1.7:1) ET-ELT20 (Zoom lens, 2.8-4.6:1) ET-ELT21 (Zoom lens, 4.6-7.2:1) ET-ELW21 (Fixed-focus lens, 0.8:1)
Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, CD-ROM ^{*9}	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, CD-ROM ^{*9}

19.0 mm (0.76 inches) LCD x 3 16:10 400 W UHM 7,000 lm F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) (PT-EW730Z) 5,000:1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) 1.02-10.16 m (40-400 inches) Vertical: ±60 %, horizontal: ±10 % (powered)	20.0 mm (0.79 inches) LCD x 3 4:3 400 W UHM 7,500 lm F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) (PT-EX800Z) 5,000:1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) 1.02-10.16 m (40-400 inches) Vertical: ±50 %, horizontal: ±10 % (powered)
DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DisplayPort in [DP-20P x 1 (DisplayPort 1.1, HDCP compatible)]	DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DisplayPort in [DP-20P x 1 (DisplayPort 1.1, HDCP compatible)]
RGB 1 in [D-sub HD 15-pin x 1 (RGB/YpPp/YCbCr x 1)] RGB 2 in [BNC x 5 (RGB/YpPp/YCbCr x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1/2 [M3 x 2 (L-R x 2)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible]	RGB 1 in [D-sub HD 15-pin x 1 (RGB/YpPp/YCbCr x 1)] RGB 2 in [BNC x 5 (RGB/YpPp/YCbCr x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1/2 [M3 x 2 (L-R x 2)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible]
100-240 V AC, 50/60 Hz 575 W 530 x 177 ^{*7} x 445 mm ^{*10} ¹¹ [20-7/8 x 6-31/32 ^{*7} x 17-1/2 inches] ^{*10} ¹¹ Approx. 10.6 kg/23.4 lbs (PT-EW730ZL: approx. 9.8 kg/21.6 lbs)	100-240 V AC, 50/60 Hz 575 W 530 x 177 ^{*7} x 445 mm ^{*10} ¹¹ [20-7/8 x 6-31/32 ^{*7} x 17-1/2 inches] ^{*10} ¹¹ Approx. 10.6 kg/23.4 lbs (PT-EX800ZL: approx. 9.8 kg/21.6 lbs)
Eco Filter - - Yes - Daylight View Basic - Yes Yes P-in-P/Side-by-Side Yes	Eco Filter - - Yes - Daylight View Basic - Yes Yes P-in-P/Side-by-Side Yes
ET-LAE300 ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-LAE300 ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)
ET-ELW22 (Zoom lens, 0.8-1.0:1) ET-ELW20 (Zoom lens, 1.3-1.7:1) ET-ELT20 (Zoom lens, 2.8-4.6:1) ET-ELT21 (Zoom lens, 4.6-7.2:1) ET-ELW21 (Fixed-focus lens, 0.8:1)	ET-ELW22 (Zoom lens, 0.8-1.0:1) ET-ELW20 (Zoom lens, 1.3-1.7:1) ET-ELT20 (Zoom lens, 2.8-4.6:1) ET-ELT21 (Zoom lens, 4.6-7.2:1) ET-ELW21 (Fixed-focus lens, 0.8:1)
Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, CD-ROM ^{*9}	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, CD-ROM ^{*9}

DIGITAL LINK



Simplified All-in-One Connectivity

DIGITAL LINK is an original function added to HDBase™ technology. Video, audio and control signals are combined into one DIGITAL LINK signal and can be transmitted by a single cable connection.

Cost Effective

Simplified cabling and layout minimize infrastructure/installation cost, and reduce maintenance labor.



Reaches Further

Supports 1080/60p signal transmission for up to 150 m (492 ft) via a single LAN cable in Long Reach Mode.*1 This simplifies cabling and system upgrades, making it ideal for various installation sites.

Limited length

Normal Mode Up to 100 m (328 ft)



Long Reach Mode Up to 150 m (492 ft)



*1 Supported projector: PT-RQ13K, PT-RZ12K/RS11K, PT-D221K2/DS20K2/DW17K2/D216K2, PT-RZ570W/RZ570B, PT-DZ780/DW750/DX820, PT-EZ590/EW650/EX620 and PT-FZ570/FW530/FX500.

Transmission of 1080/60p signals [1920 x 1080 pixels, dot clock frequency 148.5 MHz] for up to 150 m (492 ft) is available in Long Reach Mode with the optional ET-YFB200G DIGITAL LINK Switcher (requires CAT 5e cable or above). Transmission distance is up to 100 m (328 ft) in other cases.

Better Quality



Enables digital connection of uncompressed 4K*2 and Full-HD video, audio, LAN, and control commands, and minimizes image and sound degradation. This leads to greater system reliability when connecting Panasonic components.

*2 Supported projector: PT-RQ13K. 4K signal transmission for up to 50 m (164 ft) (requires CAT 5e cable or above). ET-YFB100G/ET-YFB200G is not compatible with 4K signals.

For more information about DIGITAL LINK, please visit the website
>>> business.panasonic.co.uk/visual-system/digital-link/



*6: Horizontal +28% with the ET-DLE085. *7: Height: with legs at shortest position. *8: Depth: including the supplied lens. Depth: 508 mm (20 inches) for the lens-less models. *9: CD-ROM includes Logo Transfer Software and Multi Projector Monitoring and Control Software. *10: Depth: including the lens. *11: Depth: 385 mm (15-5/32 inches) for the lens-less models.

Installation

PT-EZ590



LCD Projector
5,400 lm WUXGA



• Available as lens-less model

PT-EW650



LCD Projector
5,800 lm WXGA



• Available as lens-less model

Optical	Panel type	16.3 mm (0.64 inches) LCD x 3	16.3 mm (0.64 inches) LCD x 3
	Aspect ratio	16:10	16:10
	Lamp	320 W UHM	320 W UHM
	Brightness	5,400 lm	5,800 lm
	Lens (throw ratio)	F 1.6-2.2, f 17.1-31.7 mm (1.22-2.26:1) (PT-EZ590)	F 1.6-2.2, f 17.1-31.7 mm (1.22-2.26:1) (PT-EW650)
	Contrast (full on/full off)	10,000:1	10,000:1
	Resolution native/maximum*1	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)
Interface	Screen size (diagonal)*2	1.02-10.16 m (40-400 inches)	1.02-10.16 m (40-400 inches)
	Lens shift	Vertical: ±60 %, horizontal: ±30 % (powered)	Vertical: ±60 %, horizontal: ±30 % (powered)
	Built-in speaker	10.0 W (monaural)	10.0 W (monaural)
	Terminals	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPaPr/YCaCr/YC x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPaPr/YCaCr x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] DIGITAL LINK/LAN [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible] USB [USB type-A x 2 (for optional wireless module x 1, for power supply (DC 5 V, up to 900 mA) x 1)]	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPaPr/YCaCr/YC x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPaPr/YCaCr x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] DIGITAL LINK/LAN [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible] USB [USB type-A x 2 (for optional wireless module x 1, for power supply (DC 5 V, up to 900 mA) x 1)]
	Power supply	100-240 V AC, 5.5-2.3 A, 50/60 Hz	100-240 V AC, 5.3-2.1 A, 50/60 Hz
	Power consumption	484 W	461 W
	Dimensions (W x H x D)	498 x 145*5 x 398.3 mm*6*7 [19-19/32 x 5-11/16*5 x 15-11/16 inches]*6*7	498 x 145*5 x 398.3 mm*6*7 [19-19/32 x 5-11/16*5 x 15-11/16 inches]*6*7
Weight*3	Approx. 8.4 kg/18.5 lbs (PT-EZ590L: approx. 7.7 kg/17.0 lbs)	Approx. 8.4 kg/18.5 lbs (PT-EW650L: approx. 7.7 kg/17.0 lbs)	
Features	Filter	Eco Filter	Eco Filter
	Emulation	Yes	Yes
	Daylight View	Daylight View Basic	Daylight View Basic
	DICOM Simulation Mode	Yes	Yes
	Corner Keystone	Yes	Yes
	P-in-P/Side-by-Side	-	-
Wireless Ready	Presenter light*5, VueMagic™ Pro for iOS/Android*5*8	Presenter light*5, VueMagic™ Pro for iOS/Android*5*8	
Audio Out During Standby	Yes	Yes	
Accessory	Replacement lamp	ET-LAEF100	ET-LAEF100
	Optional accessories	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WML100 (Wireless module)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WML100 (Wireless module)
	Optional lens	ET-ELW31 (Zoom lens, 0.74-0.96:1) ET-ELW30 (Zoom lens, 0.96-1.22:1) ET-ELT30 (Zoom lens, 2.23-4.02:1) ET-ELT31 (Zoom lens, 4.02-7.20:1)	ET-ELW31 (Zoom lens, 0.74-0.96:1) ET-ELW30 (Zoom lens, 0.96-1.22:1) ET-ELT30 (Zoom lens, 2.23-4.02:1) ET-ELT31 (Zoom lens, 4.02-7.20:1)
	Standard accessories	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*9	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*9

*1: Input signals that exceed the native resolution will be converted to the native resolution.

*2: The screen size is that of the original aspect ratio. *3: Average value. Each product has an individual variable in weight.

*4: The optional ET-WML100 Wireless Module is required. *5: Height: with legs at shortest position.

PT-EW550



LCD Projector
5,000 lm WXGA

option*4
Available as lens-less model

PT-EX620



LCD Projector
6,200 lm XGA

option*4
Available as lens-less model

PT-EX520



LCD Projector
5,300 lm XGA

option*4
Available as lens-less model

16.3 mm (0.64 inches) LCD x 3 16:10 320 W UHM 5,000 lm F 1.6-2.2, f17.1-31.7 mm (1.22-2.26:1) [PT-EW550] 2,000:1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) 1.02-10.16 m (40-400 inches) Vertical: ±60 %, horizontal: ±30 % (powered) 10.0 W (monaural)	16.0 mm (0.63 inches) LCD x 3 4:3 320 W UHM 6,200 lm F 1.6-2.2, f17.1-31.7 mm (1.32-2.44:1) [PT-EX620] 10,000:1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) 1.02-10.16 m (40-400 inches) Vertical: ±50 %, horizontal: ±30 % (powered) 10.0 W (monaural)	16.0 mm (0.63 inches) LCD x 3 4:3 320 W UHM 5,300 lm F 1.6-2.2, f17.1-31.7 mm (1.32-2.44:1) [PT-EX520] 2,000:1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) 1.02-10.16 m (40-400 inches) Vertical: ±50 %, horizontal: ±30 % (powered) 10.0 W (monaural)
HDMI in [HDMI 19-pin x 2 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/Y/PaPr/YCaCr/YC x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/Y/PaPr/YCaCr x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB [USB type-A x 2 (for optional wireless module x 1, for power supply [DC 5 V, up to 900 mA] x 1)]	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/Y/PaPr/YCaCr/YC x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/Y/PaPr/YCaCr x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] DIGITAL LINK/LAN [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible] USB [USB type-A x 2 (for optional wireless module x 1, for power supply [DC 5 V, up to 900 mA] x 1)]	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/Y/PaPr/YCaCr/YC x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/Y/PaPr/YCaCr x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB [USB type-A x 2 (for optional wireless module x 1, for power supply [DC 5 V, up to 900 mA] x 1)]
100-240 V AC, 5.3-2.1 A, 50/60 Hz 461 W 498 x 145 ^{*5} x 398.3 mm ^{*6*7} [19-19/32 x 5-11/16 ^{*5} x 15-11/16 inches] ^{*6*7} Approx. 8.4 kg/18.5 lbs [PT-EW550L: approx. 7.7 kg/17.0 lbs]	100-240 V AC, 5.3-2.1 A, 50/60 Hz 461 W 498 x 145 ^{*5} x 398.3 mm ^{*6*7} [19-19/32 x 5-11/16 ^{*5} x 15-11/16 inches] ^{*6*7} Approx. 8.4 kg/18.5 lbs [PT-EX620L: approx. 7.7 kg/17.0 lbs]	100-240 V AC, 5.3-2.1 A, 50/60 Hz 461 W 498 x 145 ^{*5} x 398.3 mm ^{*6*7} [19-19/32 x 5-11/16 ^{*5} x 15-11/16 inches] ^{*6*7} Approx. 8.4 kg/18.5 lbs [PT-EX520L: approx. 7.7 kg/17.0 lbs]
Eco Filter Yes Daylight View Basic Yes Yes - Presenter light ^{*5} , VueMagic™ Pro for iOS/Android ^{*5*8} Yes	Eco Filter Yes Daylight View Basic Yes Yes - Presenter light ^{*5} , VueMagic™ Pro for iOS/Android ^{*5*8} Yes	Eco Filter Yes Daylight View Basic Yes Yes - Presenter light ^{*5} , VueMagic™ Pro for iOS/Android ^{*5*8} Yes
ET-LAEF100 ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-WML100 (Wireless module)	ET-LAEF100 ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WML100 (Wireless module)	ET-LAEF100 ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-WML100 (Wireless module)
ET-ELW31 (Zoom lens, 0.74-0.96:1) ET-ELW30 (Zoom lens, 0.96-1.22:1) ET-ELT30 (Zoom lens, 2.23-4.02:1) ET-ELT31 (Zoom lens, 4.02-7.20:1)	ET-ELW31 (Zoom lens, 0.79-1.08:1) ET-ELW30 (Zoom lens, 1.00-1.30:1) ET-ELT30 (Zoom lens, 2.39-4.36:1) ET-ELT31 (Zoom lens, 4.34-7.86:1)	ET-ELW31 (Zoom lens, 0.79-1.08:1) ET-ELW30 (Zoom lens, 1.00-1.30:1) ET-ELT30 (Zoom lens, 2.39-4.36:1) ET-ELT31 (Zoom lens, 4.34-7.86:1)
Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, CD-ROM ^{*9}	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, CD-ROM ^{*9}	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, CD-ROM ^{*9}

*6: Depth: including the lens. *7: Depth: 358 mm (14-3/32 inches) for the lens-less models.

*8: VueMagic™ Pro is a product of Pixelworks, Inc.

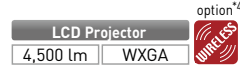
*9: CD-ROM includes Logo Transfer Software and Multi Monitoring and Control Software.

Installation

PT-FZ570



PT-FW530



Optical	Panel type	16.3 mm [0.64 inches] LCD x 3	16.3 mm [0.64 inches] LCD x 3	
	Aspect ratio	16:10	16:10	
	Lamp	270 W UHM	270 W UHM	
	Brightness	4,500 lm	4,500 lm	
	Lens (throw ratio)	F 1.6-2.2, f 17.1-31.7 mm (1.22-2.26:1)	F 1.6-2.2, f 17.1-31.7 mm (1.22-2.26:1)	
	Contrast (full on/full off)	10,000:1	10,000:1	
	Resolution native/maximum*1	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	
	Screen size (diagonal)*2	1.02-7.62 m (40-300 inches)	1.02-7.62 m (40-300 inches)	
Interface	Lens shift	Vertical: ±60 %, horizontal: ±30 % [manual]	Vertical: ±60 %, horizontal: ±30 % [manual]	
	Built-in speaker	10.0 W [monaural]	10.0 W [monaural]	
	Terminals	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] Computer 1 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr/YC x 1)] Computer 2 in/1 out [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] DIGITAL LINK/LAN [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible] USB [USB type-A x 2 (for optional wireless module x 1, for power supply [DC 5 V, up to 900 mA] x 1)]	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] Computer 1 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr/YC x 1)] Computer 2 in/1 out [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] DIGITAL LINK/LAN [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible] USB [USB type-A x 2 (for optional wireless module x 1, for power supply [DC 5 V, up to 900 mA] x 1)]	
	General	Power supply	100-240 V AC, 4.7-1.9 A, 50/60 Hz	100-240 V AC, 4.5-1.8 A, 50/60 Hz
		Power consumption	413 W	400 W
		Dimensions (W x H x D)	498 x 145 ¹⁵ x 398.3 mm ¹⁶ (19-19/32 x 5-11/16 ¹⁶ x 15-11/16 inches) ¹⁶	498 x 145 ¹⁵ x 398.3 mm ¹⁶ (19-19/32 x 5-11/16 ¹⁶ x 15-11/16 inches) ¹⁶
	Features	Weight*3	Approx. 7.9 kg/17.4 lbs	Approx. 7.9 kg/17.4 lbs
		Filter	Eco Filter	Eco Filter
Emulation		Yes	Yes	
Daylight View		Daylight View Basic	Daylight View Basic	
DICOM Simulation Mode		Yes	Yes	
Corner Keystone		Yes	Yes	
P-in-P/Side-by-Side		-	-	
Accessory	Wireless Ready	Presenter light ⁴ , VueMagic™ Pro for iOS/Android ^{4,7}	Presenter light ⁴ , VueMagic™ Pro for iOS/Android ^{4,7}	
	Audio Out During Standby	Yes	Yes	
	Replacement lamp	ET-LAEF100	ET-LAEF100	
	Optional accessories	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFF200 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WML100 (Wireless module)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFF200 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WML100 (Wireless module)	
	Standard accessories	Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, CD-ROM ⁸	Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, CD-ROM ⁸	

*1: Input signals that exceed the native resolution will be converted to the native resolution.

*2: The screen size is that of the original aspect ratio. *3: Average value. Each product has an individual variable in weight.

*4: The optional ET-WML100 Wireless Module is required. *5: Height: with legs at shortest position.

Easy Wireless Connectivity



Intel® Pro WiDi Supported*

For Win For Android

Intel® Pro Wireless Display (WiDi) technology allows projection of a PC screen via wireless LAN. Featuring quick and reliable connections, it enables rich, vibrant visuals and audio transmission with little delay. It also supports Miracast-compatible devices.



* Intel® Pro WiDi is supported by the PT-VW355N/VX425N only.

Reliable and Secure Connection

Advanced security prevents outsider access and mistaken connection.



Managed Meetings Features

"Interactive" and "Moderated" mode for sharing the screen.



* Up to 10 devices.

Video Streaming and Miracast Technology

High-definition streaming promotes active presentation sharing.



Wireless Dual Band Support

Provides a stable wireless network environment.



* For North America and Europe only.

For more information, please visit the website >>>business.panasonic.co.uk/visual-system/projectors

Note: For models supporting wireless functionality, please refer to the "Features" section of each specification sheet.

Large-Venue

Installation

Portable

Short Throw

Home Cinema

Space Player

*6: Depth: including the lens. *7: VueMagic™ Pro is a product of Pixelworks, Inc.
*8: CD-ROM includes Logo Transfer Software and Multi Monitoring and Control Software.

Portable

PT-VZ575N



LCD Projector
4,800 lm | WUXGA |

PT-VZ570



LCD Projector
4,800 lm | WUXGA

Optical	Panel type	16.3 mm (0.64 inches) LCD x 3	16.3 mm (0.64 inches) LCD x 3
	Aspect ratio	16:10	16:10
Optical	Lamp	270 W UHM	270 W UHM
	Brightness	4,800 lm	4,800 lm
	Lens (throw ratio)	F 1.60-2.12, f 15.30-24.64 mm (1.1-1.8:1)	F 1.60-2.12, f 15.30-24.64 mm (1.1-1.8:1)
	Contrast (full on/full off)	10,000:1	10,000:1
	Resolution native/maximum*1	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)
	Screen size (diagonal)*2	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)
Interface	Lens shift	Vertical: +44 % [manual]	Vertical: +44 % [manual]
	Built-in speaker	10.0 W [monaural]	10.0 W [monaural]
Interface	Terminals	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr/S-VIDEO x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] USB A [USB type-A x 1] USB B [USB type-B x 1] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible]	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr/S-VIDEO x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1, for network connection, 10BaseT/100Base-TX]
	Power supply	120 V AC, 50/60 Hz [North America], 110 V AC, 60 Hz [Taiwan], 100-240 V AC, 50/60 Hz [other countries]	120 V AC, 50/60 Hz [North America], 110 V AC, 60 Hz [Taiwan], 100-240 V AC, 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]
	Dimensions (W x H x D)	389 x 125*4 x 332 mm (15-5/16 x 4-29/32*4 x 13-1/16 inches)	389 x 125*4 x 332 mm (15-5/16 x 4-29/32*4 x 13-1/16 inches)
	Weight*3	Approx. 4.9 kg/10.8 lbs	Approx. 4.8 kg/10.6 lbs
	Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter
	Emulation	Yes	Yes
	Daylight View	Daylight View Basic	Daylight View Basic
	Corner Keystone	Yes	Yes
	Curved Screen Correction	Yes	Yes
Easy Setting	-	-	
P-in-P/Side-by-Side	-	-	
Wireless Ready	Miracast™, Wireless Manager, iOS, Android	-	
USB Memory Viewer	Yes	-	
USB Display	Yes	-	
Audio Out During Standby	Yes	Yes	
Accessory	Replacement lamp	ET-LAV400	ET-LAV400
	Optional accessories	ET-PKL100H [High ceiling mount bracket] ET-PKL100S [Low ceiling mount bracket] ET-PKV400B [Bracket assembly] ET-RFV400 [Replacement filter unit] ET-YFB200G [DIGITAL LINK Switcher] ET-YFB100G [Digital Interface Box]	ET-PKL100H [High ceiling mount bracket] ET-PKL100S [Low ceiling mount bracket] ET-PKV400B [Bracket assembly] ET-RFV400 [Replacement filter unit]
Standard accessories	Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM [Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager]	Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM [Logo Transfer Software, Multi Projector Monitoring and Control Software]	

*1: Input signals that exceed the native resolution will be converted to the native resolution.

*2: The screen size is that of the original aspect ratio.

PT-VW535N



LCD Projector
5,000 lm WXGA



PT-VW530



LCD Projector
5,000 lm WXGA

PT-VX605N



LCD Projector
5,500 lm XGA



<p>15.0 mm (0.59 inches) LCD x 3 16:10 270 W UHM 5,000 lm F 1.60-1.90, f 15.31-24.64 mm (1.2-1.9:1) 10,000:1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) 0.76-7.62 m (30-300 inches) Vertical: +48 % [manual] 10.0 W (monaural) HDMI in [HDMI 19-pin x 2 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YpPr/YCbCr/S-VIDEO x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB/YpPr/YCbCr x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] USB A [USB type-A x 1] USB B [USB type-B x 1] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible]</p>	<p>15.0 mm (0.59 inches) LCD x 3 16:10 270 W UHM 5,000 lm F 1.60-1.90, f 15.31-24.64 mm (1.2-1.9:1) 10,000:1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) 0.76-7.62 m (30-300 inches) Vertical: +48 % [manual] 10.0 W (monaural) HDMI in [HDMI 19-pin x 2 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YpPr/YCbCr/S-VIDEO x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB/YpPr/YCbCr x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1, for network connection, 10BaseT/100Base-TX]</p>	<p>16.0 mm (0.63 inches) LCD x 3 4:3 270 W UHM 5,500 lm F 1.60-1.90, f 15.31-24.64 mm (1.2-1.9:1) 10,000:1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) 0.76-7.62 m (30-300 inches) Vertical: +40 % [manual] 10.0 W (monaural) HDMI in [HDMI 19-pin x 2 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YpPr/YCbCr/S-VIDEO x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB/YpPr/YCbCr x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] USB A [USB type-A x 1] USB B [USB type-B x 1] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible]</p>
<p>120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries) 363 W (North America), 369 W (Taiwan), 369 W (other countries) 389 x 125⁴ x 332 mm (15-5/16 x 4-29/32⁴ x 13-1/16 inches) Approx. 4.9 kg/10.8 lbs Pleated Micro Cut Filter Yes Daylight View Basic Yes Yes - - Miracast™, Wireless Manager, iOS, Android Yes Yes Yes</p>	<p>120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries) 356 W (North America), 362 W (Taiwan), 362 W (other countries) 389 x 125⁴ x 332 mm (15-5/16 x 4-29/32⁴ x 13-1/16 inches) Approx. 4.8 kg/10.6 lbs Pleated Micro Cut Filter Yes Daylight View Basic Yes Yes - - - Miracast™, Wireless Manager, iOS, Android Yes - Yes</p>	<p>120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries) 363 W (North America), 369 W (Taiwan), 369 W (other countries) 389 x 125⁴ x 332 mm (15-5/16 x 4-29/32⁴ x 13-1/16 inches) Approx. 4.9 kg/10.8 lbs Pleated Micro Cut Filter Yes Daylight View Basic Yes Yes - - Miracast™, Wireless Manager, iOS, Android Yes Yes Yes</p>
<p>ET-LAV400 ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV400 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager)</p>	<p>ET-LAV400 ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV400 (Replacement filter unit) Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)</p>	<p>ET-LAV400 ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV400 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager)</p>

*3: Average value. Each product has an individual variable in weight.

*4: Height: with legs at shortest position.

Portable

PT-VX600



LCD Projector
5,500 lm XGA

PT-VW355N



LCD Projector
4,000 lm WXGA
WIRELESS
Intel® Pro WiDi

Optical	Panel type	16.0 mm [0.63 inches] LCD x 3	15.0 mm [0.59 inches] LCD x 3
	Aspect ratio	4:3	16:10
Interface	Lamp	270 W UHM	240 W UHM
	Brightness	5,500 lm	4,000 lm
	Lens (throw ratio)	F 1.60-1.90, f 15.31-24.64 mm [1.2-1.9:1]	F 1.60-1.90, f 15.31-26.24 mm [1.2-1.9:1]
	Contrast (full on/full off)	10,000:1	12,000:1
	Resolution native/maximum*1	XGA [1,024 x 768]/WUXGA [1,920 x 1,200]	WXGA [1,280 x 800]/WUXGA [1,920 x 1,200]
	Screen size (diagonal)*2	0.76-7.62 m [30-300 inches]	0.76-7.62 m [30-300 inches]
	Lens shift	Vertical: +40 % [manual]	49:1 [fixed]
General	Built-in speaker	10.0 W [monaural]	10.0 W [monaural]
	Terminals	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YpPr/YCbCr/S-VIDEO x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB/YpPr/YCbCr x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1, for network connection, 10BaseT/100Base-TX]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YpPr/YCbCr x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB A [USB type-A x 1] USB B [USB type-B x 1]
Features	Power supply	120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries)	100-240 V AC, 50/60 Hz
	Power consumption	356 W (North America), 362 W (Taiwan), 362 W (other countries)	320 W
	Dimensions (W x H x D)	389x 125*4 x 332 mm [15-5/16 x 4-29/32*4 x 13-1/16 inches]	352 x 98*4 x 279.4 mm*5 [13-27/32 x 3-27/32*4 x 11 inches]*5
	Weight*3	Approx. 4.8 kg/10.6 lbs	Approx. 3.4 kg/7.5 lbs
Accessory	Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter
	Emulation	Yes	-
	Daylight View	Daylight View Basic	Daylight View Basic
	Corner Keystone	Yes	Yes
	Curved Screen Correction	Yes	-
	Easy Setting	-	Yes
	P-in-P/Side-by-Side	-	P-in-P/Side-by-Side
	Wireless Ready	-	Intel® Pro WiDi, Miracast™, Wireless Manager, iOS, Android
	USB Memory Viewer	-	Yes
	USB Display	-	Yes
Audio Out During Standby	Yes	Yes	
Accessory	Replacement lamp	ET-LAV400	ET-LAV300
	Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV400 (Replacement filter unit)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV300 (Replacement filter unit)
	Standard accessories	Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager)

*1: Input signals that exceed the native resolution will be converted to the native resolution.

*2: The screen size is that of the original aspect ratio.

*3: Average value. Each product has an individual variable in weight.

PT-VW350



LCD Projector
4,000 lm WXGA

PT-VX425N



LCD Projector
4,500 lm XGA



PT-VX420



LCD Projector
4,500 lm XGA

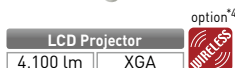
15.0 mm (0.59 inches) LCD x 3 16:10 240 W UHM 4,000 lm F 1.60-1.90, f 15.31-26.24 mm (1.2-1.9:1) 12,000:1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) 0.76-7.62 m (30-300 inches) 49:1 [fixed]	16.0 mm (0.63 inches) LCD x 3 4:3 240 W UHM 4,500 lm F 1.60-1.90, f 15.31-26.24 mm (1.2-1.9:1) 12,000:1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) 0.76-7.62 m (30-300 inches) 9:1 [fixed]	16.0 mm (0.63 inches) LCD x 3 4:3 240 W UHM 4,500 lm F 1.60-1.90, f 15.31-26.24 mm (1.2-1.9:1) 12,000:1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) 0.76-7.62 m (30-300 inches) 9:1 [fixed]
10.0 W (monaural) HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPrPr/YCbCr x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	10.0 W (monaural) HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPrPr/YCbCr x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB A [USB type-A x 1] USB B [USB type-B x 1]	10.0 W (monaural) HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPrPr/YCbCr x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]
100-240 V AC, 50/60 Hz 320 W 352 x 98 ⁴ x 279.4 mm ⁵ (13-27/32 x 3-27/32 ⁴ x 11 inches) ⁵ Approx. 3.3 kg/7.3 lbs Pleated Micro Cut Filter - Daylight View Basic Yes - - P-in-P/Side-by-Side - - - Yes	100-240 V AC, 50/60 Hz 320 W 352 x 98 ⁴ x 279.4 mm ⁵ (13-27/32 x 3-27/32 ⁴ x 11 inches) ⁵ Approx. 3.4 kg/7.5 lbs Pleated Micro Cut Filter - Daylight View Basic Yes - Yes - Intel® Pro WiDi, Miracast™, Wireless Manager, iOS, Android Yes Yes Yes Yes	100-240 V AC, 50/60 Hz 320 W 352 x 98 ⁴ x 279.4 mm ⁵ (13-27/32 x 3-27/32 ⁴ x 11 inches) ⁵ Approx. 3.3 kg/7.3 lbs Pleated Micro Cut Filter - Daylight View Basic Yes - - - - - Yes
ET-LAV300 ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV300 (Replacement filter unit) Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	ET-LAV300 ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV300 (Replacement filter unit) Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager)	ET-LAV300 ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV300 (Replacement filter unit) Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)

*4: Height: with legs at shortest position.

*5: Depth: protruding parts not included.

Portable

PT-LB412



PT-LB382



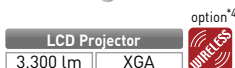
	PT-LB412	PT-LB382	
Optical	Panel type	16.0 mm (0.63 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3
	Aspect ratio	4:3	4:3
	Lamp	230 W UHM	230 W UHM
	Brightness	4,100 lm	3,800 lm
	Lens (throw ratio)	F 1.60-1.76, f 19.16-23.02 mm (1.48-1.78:1)	F 1.60-1.76, f 19.16-23.02 mm (1.48-1.78:1)
	Contrast (full on/full off)	12,000:1	12,000:1
	Resolution native/maximum*1	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)
	Screen size (diagonal)*2	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)
	Lens shift	6:1 (fixed)	6:1 (fixed)
Interface	Built-in speaker	10.0 W (monaural)	10.0 W (monaural)
	Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YpPr/YCbCr /S-VIDEO x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB A [USB type-A x 1] USB B [USB type-B x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YpPr/YCbCr /S-VIDEO x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB A [USB type-A x 1] USB B [USB type-B x 1]
	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	Power consumption	300 W	300 W
	Dimensions (W x H x D)	335 x 96*5 x 252 mm (13-3/16 x 3-25/32*5 x 9-29/32 inches)	335 x 96*5 x 252 mm (13-3/16 x 3-25/32*5 x 9-29/32 inches)
	Weight*3	Approx. 2.9 kg/6.4 lbs	Approx. 2.9 kg/6.4 lbs
	Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter
	Emulation	-	-
	Daylight View	Daylight View Lite	Daylight View Lite
	Corner Keystone	Yes	Yes
Curved Screen Correction	Yes	Yes	
Wireless Ready	Presenter light*4, VueMagic™ Pro for iOS/Android*4*6	Presenter light*4, VueMagic™ Pro for iOS/Android*4*6	
USB Memory Viewer	Yes	Yes	
USB Display	Yes	Yes	
Audio Out During Standby	-	-	
Accessory	Replacement lamp	ET-LAL500	ET-LAL500
	Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-WML100 (Wireless module) ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-WML100 (Wireless module) ET-ADSV (D-Sub/S-VIDEO conversion cable)
	Standard accessories	Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Multi Projector Monitoring and Control Software)	Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Multi Projector Monitoring and Control Software)

*1: Input signals that exceed the native resolution will be converted to the native resolution.

*2: The screen size is that of the original aspect ratio.

*3: Average value. Each product has an individual variable in weight.

PT-LB332



PT-LW362



PT-LW312



16.0 mm (0.63 inches) LCD x 3 4:3 230 W UHM 3,300 lm F 2.1-2.25, f 19.11-22.94 mm (1.47-1.77:1) 12,000:1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) 0.76-7.62 m (30-300 inches) 6:1 (fixed) 10.0 W (monaural) HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr/S-VIDEO x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB A [USB type-A x 1] USB B [USB type-B x 1]	15.0 mm (0.59 inches) LCD x 3 16:10 230 W UHM 3,600 lm F 1.60-1.76, f 19.16-23.02 mm (1.48-1.78:1) 12,000:1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) 0.76-7.62 m (30-300 inches) 13:1 (fixed) 10.0 W (monaural) HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr/S-VIDEO x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB A [USB type-A x 1] USB B [USB type-B x 1]	15.0 mm (0.59 inches) LCD x 3 16:10 230 W UHM 3,100 lm F 2.1-2.25, f 19.11-22.94 mm (1.47-1.77:1) 12,000:1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) 0.76-7.62 m (30-300 inches) 13:1 (fixed) 10.0 W (monaural) HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr/S-VIDEO x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB A [USB type-A x 1] USB B [USB type-B x 1]
100-240 V AC, 50/60 Hz 300 W 335 x 96*5 x 252 mm (13-3/16 x 3-25/32*5 x 9-29/32 inches) Approx. 2.9 kg/6.4 lbs Pleated Micro Cut Filter - Daylight View Lite Yes Yes Presenter light*4, VueMagic™ Pro for iOS/Android**6 Yes Yes -	100-240 V AC, 50/60 Hz 300 W 335 x 96*5 x 252 mm (13-3/16 x 3-25/32*5 x 9-29/32 inches) Approx. 2.9 kg/6.4 lbs Pleated Micro Cut Filter - Daylight View Lite Yes Yes Presenter light*4, VueMagic™ Pro for iOS/Android**6 Yes Yes -	100-240 V AC, 50/60 Hz 300 W 335 x 96*5 x 252 mm (13-3/16 x 3-25/32*5 x 9-29/32 inches) Approx. 2.9 kg/6.4 lbs Pleated Micro Cut Filter - Daylight View Lite Yes Yes Presenter light*4, VueMagic™ Pro for iOS/Android**6 Yes Yes -
ET-LAL500 ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-WML100 (Wireless module) ET-ADSV (D-Sub/S-VIDEO conversion cable) Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Multi Projector Monitoring and Control Software)	ET-LAL500 ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-WML100 (Wireless module) ET-ADSV (D-Sub/S-VIDEO conversion cable) Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Multi Projector Monitoring and Control Software)	ET-LAL500 ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-WML100 (Wireless module) ET-ADSV (D-Sub/S-VIDEO conversion cable) Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Multi Projector Monitoring and Control Software)

*4: To operate wireless projection, the optional wireless module ET-WML100 is required.

*5: Height: with legs at shortest position.

*6: VueMagic™ Pro is a product of Pixelworks, Inc.

Portable

PT-LB300



LCD Projector
3,100 lm XGA

PT-LB280



LCD Projector
2,800 lm XGA

	PT-LB300	PT-LB280	
Optical	Panel type	16.0 mm (0.63 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3
	Aspect ratio	4:3	4:3
	Lamp	230 W UHM	230 W UHM
	Brightness	3,100 lm	2,800 lm
	Lens (throw ratio)	F 2.1-2.25, f 19.11-22.94 mm (1.47-1.77:1)	F 2.1-2.25, f 19.11-22.94 mm (1.47-1.77:1)
	Contrast (full on/full off)	10,000:1	10,000:1
	Resolution native/maximum*1	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)
	Screen size (diagonal)**2	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)
	Lens shift	6:1 (fixed)	6:1 (fixed)
Interface	Built-in speaker	2.0 W (monaural)	2.0 W (monaural)
	Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in [D-sub HD 15-pin x 1 (RGB/Y/PaPr/YCaCr /S-VIDEO x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in [D-sub HD 15-pin x 1 (RGB/Y/PaPr/YCaCr /S-VIDEO x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)]
General	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	Power consumption	300 W	300 W
	Dimensions (W x H x D)	335 x 96*4 x 252 mm (13-3/16 x 3-25/32*4 x 9-29/32 inches)	335 x 96*4 x 252 mm (13-3/16 x 3-25/32*4 x 9-29/32 inches)
	Weight*3	Approx. 2.8 kg/6.2 lbs	Approx. 2.8 kg/6.2 lbs
Features	Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter
	Emulation	-	-
	Daylight View	Daylight View Lite	Daylight View Lite
	Corner Keystone	-	-
	Wall Color Setting	Yes	Yes
	Audio Out During Standby	-	-
Accessory	Replacement lamp	ET-LAL500	ET-LAL500
	Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-ADSV (D-Sub/S-VIDEO conversion cable)
	Standard accessories	Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, computer cable	Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, computer cable

*1: Input signals that exceed the native resolution will be converted to the native resolution.

*2: The screen size is that of the original aspect ratio.

*3: Average value. Each product has an individual variable in weight. *4: Height: with legs at shortest position.

Short Throw


PT-CW331R



1-Chip DLP™ Projector
3,100 lm WXGA  

PT-CW330



1-Chip DLP™ Projector
3,100 lm WXGA 

	PT-CW331R	PT-CW330	
Optical	Panel type	16.5 mm (0.65 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1
	Aspect ratio	16:10	16:10
	Lamp	280 W UHM	280 W UHM
	Brightness	3,100 lm	3,100 lm
	Lens (throw ratio)	F 2.6, f -5.27 mm (0.35:1)	F 2.6, f -5.27 mm (0.35:1)
	Contrast (full on/full off)	8,000:1	8,000:1
	Resolution native/maximum*1	WXGA (1,280 x 800)/WSXGA+ (1,680 x 1,050)	WXGA (1,280 x 800)/WSXGA+ (1,680 x 1,050)
Interface	Screen size (diagonal)*2	1.78-2.54 m (70-100 inches)	1.78-2.54 m (70-100 inches)
	Lens shift	-	-
	Built-in speaker	10.0 W (monaural)	10.0 W (monaural)
	Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YpPr/YcCr x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/YpPr/YcCr x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Computer audio in [M3 x 2 [L-R x 2]] Video audio in [Pin jack x 2 [L x 1, R x 1]] S-Video audio in [Pin jack x 2 [L x 1, R x 1]] Audio out [M3 x 1 [L-R x 1]] Serial in [D-sub 9-pin x 1 [RS-232C]] LAN [RJ-45 x 1 [10Base-T/100Base-TX]] Mini USB [Mini USB x 1, for interactive function]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YpPr/YcCr x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/YpPr/YcCr x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Computer audio in [M3 x 2 [L-R x 2]] Video audio in [Pin jack x 2 [L x 1, R x 1]] S-Video audio in [Pin jack x 2 [L x 1, R x 1]] Audio out [M3 x 1 [L-R x 1]] Serial in [D-sub 9-pin x 1 [RS-232C]] LAN [RJ-45 x 1 [10Base-T/100Base-TX]] Mini USB [Mini USB x 1, for service]
	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	Power consumption	340 W	340 W
	Dimensions (W x H x D)	357 x 250*4 x 367 mm [14-1/16 x 9-27/32*4 x 14-29/64 inches]	357 x 250*4 x 367 mm [14-1/16 x 9-27/32*4 x 14-29/64 inches]
Weight*3	Approx. 7.8 kg/17.2 lbs	Approx. 7.7 kg/17.0 lbs	
Features	Daylight View	-	-
	Corner Keystone	-	-
	Curved Screen Correction	-	-
	3D Ready	Yes	Yes
	Interactive Function	Yes	-
	Wireless Ready	-	-
	USB Memory Viewer	-	-
	USB Display	-	-
	Audio Out During Standby	Yes	Yes
Accessory	Replacement lamp	ET-LAC300	ET-LAC300
	Optional accessories	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKC200B (Bracket assembly) ET-PKC200W (Wall mount bracket) ET-PEN100 (Interactive pen) ET-PNT100 (Interactive pointer)	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKC200B (Bracket assembly) ET-PKC200W (Wall mount bracket)
	Standard accessories	Power cord, power cord cover, wireless remote control unit, battery for remote control unit, computer cable, USB cable, interactive pen (x 2), batteries for interactive pen, software CD-ROM (LightPen3)	Power cord, power cord cover, wireless remote control unit, battery for remote control unit, computer cable

*1: Input signals that exceed the native resolution will be converted to the native resolution.

*2: The screen size is that of the original aspect ratio.

*3: Average value. Each product has an individual variable in weight. *4: Height: with legs at shortest position.

Short Throw

PT-TW343R



LCD Projector
3,300 lm WXGA



PT-TW342



LCD Projector
3,300 lm WXGA



	PT-TW343R	PT-TW342	
Optical	Panel type	15.0 mm (0.59 inches) LCD x 3	15.0 mm (0.59 inches) LCD x 3
	Aspect ratio	16:10	16:10
	Lamp	230 W UHM	230 W UHM
	Brightness	3,300 lm	3,300 lm
	Lens (throw ratio)	F 1.8, f 6.08 mm (0.46:1)	F 1.8, f 6.08 mm (0.46:1)
	Contrast (full on/full off)	12,000:1	12,000:1
Interface	Resolution native/maximum*1	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)
	Screen size (diagonal)*2	1.27-2.54 m (50-100 inches)	1.27-2.54 m (50-100 inches)
	Lens shift	7.25:1 (fixed)	7.25:1 (fixed)
	Built-in speaker	10.0 W (monaural)	10.0 W (monaural)
	Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/Y/PsPr/YCaCr/S-VIDEO x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB A [USB type-A x 1] USB B [USB type-B x 1] Mini USB [Mini USB x 1, for interactive function]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/Y/PsPr/YCaCr/S-VIDEO x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB A [USB type-A x 1] USB B [USB type-B x 1]
	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
General	Power consumption	300 W	300 W
	Dimensions (W x H x D)	335 x 134.1 ⁴ x 329 mm [13-3/16 x 5-9/32 ⁴ x 12-15/16 inches]	335 x 134.1 ⁴ x 329 mm [13-3/16 x 5-9/32 ⁴ x 12-15/16 inches]
Features	Weight*3	Approx. 3.9 kg/8.6 lbs	Approx. 3.9 kg/8.6 lbs
	Daylight View	Daylight View Lite	Daylight View Lite
	Corner Keystone	Yes	Yes
	Curved Screen Correction	Yes	Yes
	3D Ready	-	-
	Interactive Function	Yes	-
	Wireless Ready	Presenter light*5, VueMagic™ Pro for iOS/Android*5*6	Presenter light*5, VueMagic™ Pro for iOS/Android*5*6
	USB Memory Viewer	Yes	Yes
	USB Display	Yes	Yes
Audio Out During Standby	-	-	
Accessory	Replacement lamp	ET-LAL500	ET-LAL500
	Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL430B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-ADSV (D-Sub/S-VIDEO conversion cable) ET-WML100 (Wireless module) ET-PEN100 (Interactive pen) ET-PNT100 (Interactive pointer)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL430B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-ADSV (D-Sub/S-VIDEO conversion cable) ET-WML100 (Wireless module)
	Standard accessories	Power cord, wireless remote control unit, battery for remote control unit, computer cable, USB cable, interactive pen (x 2), batteries for interactive pen, software CD-ROM (Multi Projector Monitoring and Control Software, LightPen3)	Power cord, wireless remote control unit, battery for remote control unit, computer cable, software CD-ROM (Multi Projector Monitoring and Control Software)

*1: Input signals that exceed the native resolution will be converted to the native resolution.

*2: The screen size is that of the original aspect ratio.

*3: Average value. Each product has an individual variable in weight.

Panasonic's Wireless Projection Features



Panasonic's Original Software

Wireless Manager ME Software*1

For Win For Mac

This application provided with the projector allows easy transfer of data from the screen of a personal computer through a PC's wired or wireless LAN function.

Wireless Projector for iOS / Android*1

For iOS For Android

These Apps allow wireless projection from tablet devices or smartphones.

*1 Supported projector: PT-VZ575N/WW535N/VX605N and PT-VW355N/VX425N.

Option

Easy Wireless Stick (ET-UW100)

Enjoy speedy wireless projection without installing any software



ET-UW100

Note: The availability of the ET-UW100 varies depending on the country. A firmware update is required to use with the PT-VZ575N/WW535N/VX605N and PT-VW355N/VX425N.

Wireless Projection by Optional Module

The optional ET-WML100 wireless USB module allows wireless projection*2 from Windows® PCs, iOS devices, or Android™ devices loaded with an appropriate app.



Featured image: ET-WML100E

*2 Supported projector: PT-EZ590/EW650/EX620/EW550/EX520, PT-FZ570/FW530/FX500, PT-LB412/LB382/LB332/LW362/LW312 and PT-TW343R/W342/TX402/TX312.

Applicable Software

Presenter Light Software

For Win



This application, supporting Windows® computers, allows you to transfer pictures, videos, and documents to the projector over a wired LAN or wireless LAN network. The images from up to four PCs can be projected simultaneously.

VueMagic™ Pro*3

For iOS For Android

Using the "VueMagic™ Pro" app, you can transfer images from tablet devices or smartphones to the projector over a wireless LAN.

*3 VueMagic™ Pro is a product of Pixelworks, Inc.

For more information, please visit the website >>> business.panasonic.co.uk/visual-system/products-and-accessories/projectors

Note: For models supporting wireless functionality, please refer to the "Features" section of each specification sheet.

PT-TX402



option⁵

LCD Projector

3,800 lm

XGA



PT-TX312



option⁵

LCD Projector

3,200 lm

XGA



16.0 mm [0.63 inches] LCD x 3
4:3
230 W UHM
3,800 lm
F 1.8, f 6.08 mm [0.46:1]
12,000:1
XGA (1,024 x 768)/WUXGA (1,920 x 1,200)
1.27-2.54 m [50-100 inches]
21:1 (fixed)

10.0 W (monaural)
HDMI in [HDMI 19-pin x 1
(HDCP compatible)]
Computer in 1 [D-sub HD 15-pin x 1
(RGB/YPbPr/YCaCr/S-VIDEO x 1)]
Computer in 2 [D-sub HD 15-pin x 1 (RGB x 1)]
Monitor out [D-sub HD 15-pin x 1 (RGB x 1)]
Composite video in [Pin jack x 1]
Audio in 1 [M3 x 1 (L-R x 1)]
Audio in 2 [Pin jack x 2 (L x 1, R x 1)]
Audio out [M3 x 1 (L-R x 1)]
Serial in [D-sub 9-pin x 1 (RS-232C)]
LAN [RJ-45 x 1 (10Base-T/100Base-TX)]
USB A [USB type-A x 1]
USB B [USB type-B x 1]

100-240 V AC, 50/60 Hz
300 W
335 x 134.1⁴ x 329 mm
[13-3/16 x 5-9/32⁴ x 12-15/16 inches]
Approx. 3.9 kg/8.6 lbs

Daylight View Lite

Yes

Yes

-

-

Presenter light*⁵,
VueMagic™ Pro for iOS/Android*^{5*6}

Yes

Yes

-

ET-LAL500

ET-PKL100H (High ceiling mount bracket)
ET-PKL100S (Low ceiling mount bracket)
ET-PKL430B (Bracket assembly)
ET-RFL300 (Replacement filter unit)
ET-ADSV (D-Sub/S-VIDEO conversion cable)
ET-WML100 (Wireless module)

Power cord, wireless remote control unit,
battery for remote control unit,
computer cable, software CD-ROM
(Multi Projector Monitoring and Control
Software)

16.0 mm [0.63 inches] LCD x 3
4:3
230 W UHM
3,200 lm
F 1.8, f 6.08 mm [0.46:1]
12,000:1
XGA (1,024 x 768)/WUXGA (1,920 x 1,200)
1.27-2.54 m [50-100 inches]
21:1 (fixed)

10.0 W (monaural)
HDMI in [HDMI 19-pin x 1
(HDCP compatible)]
Computer in 1 [D-sub HD 15-pin x 1
(RGB/YPbPr/YCaCr/S-VIDEO x 1)]
Computer in 2 [D-sub HD 15-pin x 1 (RGB x 1)]
Monitor out [D-sub HD 15-pin x 1 (RGB x 1)]
Composite video in [Pin jack x 1]
Audio in 1 [M3 x 1 (L-R x 1)]
Audio in 2 [Pin jack x 2 (L x 1, R x 1)]
Audio out [M3 x 1 (L-R x 1)]
Serial in [D-sub 9-pin x 1 (RS-232C)]
LAN [RJ-45 x 1 (10Base-T/100Base-TX)]
USB A [USB type-A x 1]
USB B [USB type-B x 1]

100-240 V AC, 50/60 Hz
300 W
335 x 134.1⁴ x 329 mm
[13-3/16 x 5-9/32⁴ x 12-15/16 inches]
Approx. 3.9 kg/8.6 lbs

Daylight View Lite

Yes

Yes

-

-

Presenter light*⁵,
VueMagic™ Pro for iOS/Android*^{5*6}

Yes

Yes

-

ET-LAL500

ET-PKL100H (High ceiling mount bracket)
ET-PKL100S (Low ceiling mount bracket)
ET-PKL430B (Bracket assembly)
ET-RFL300 (Replacement filter unit)
ET-ADSV (D-Sub/S-VIDEO conversion cable)
ET-WML100 (Wireless module)

Power cord, wireless remote control unit,
battery for remote control unit,
computer cable, software CD-ROM
(Multi Projector Monitoring and Control
Software)

*4: Height: with legs at shortest position.

*5: To operate wireless projection, the optional wireless module ET-WML100 is required.

*6: VueMagic™ Pro is a product of Pixelworks, Inc.

Home Cinema

PT-AT6000



LCD Projector
2,400 lm Full HD 1080p **3D FULL HD**

PT-AH1000



LCD Projector
2,800 lm Full HD 1080p

Optical	Panel type	18.7 mm (0.74 inches) LCD x 3	18.7 mm (0.74 inches) LCD x 3
	Aspect ratio	16:9	16:9
	Lamp	220 W UHM	280 W UHM
	Brightness	2,400 lm*7	2,800 lm*7
	Lens (throw ratio)	F 1.9-3.2, f 22.4-44.8 mm (1.35-2.70:1)	F 2.0-3.4, f 21.5-43.0 mm (1.33-2.69:1)
	Contrast (full on/full off)	500,000:1*8	50,000:1*8
	Resolution native/maximum*1	Full HD (1,920 x 1,080)/WUXGA (1,920 x 1,200)	Full HD (1,920 x 1,080)/WUXGA (1,920 x 1,200)
	Screen size (diagonal)*2	2D projection: 1.02-7.62 m (40-300 inches) 3D projection: 1.02-5.08 m (40-200 inches)	1.02-7.62 m (40-300 inches)
	Lens shift	Vertical: ±100 %, horizontal: ±26 %*9	Vertical: ±65 %, horizontal: ±26 %*9
Interface	Built-in speaker	-	-
	Terminals	HDMI in [HDMI 19-pin x 3 (HDCP/HDAVI Control Version 5 compliant)] Computer in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Component in [Pin jack x 3 (YPbPr/YCbCr x 3)] Trigger in/Trigger out/3D shutter out [M3 x 2] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Serial [D-sub 9-pin x 1 (RS-232C)]	HDMI in [HDMI 19-pin x 2 (HDCP/HDAVI Control Version 5 compliant)] Computer in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Component in [Pin jack x 3 (YPbPr/YCbCr x 3)] Trigger in/Trigger out [M3 x 2] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Serial [D-sub 9-pin x 1 (RS-232C)]
General	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	Power consumption	310 W	350 W
	Dimensions (W x H x D)	470 x 151*4 x 364 mm (18-17/32 x 5-15/16*4 x 14-11/32 inches)	470 x 151*4 x 380 mm (18-17/32 x 5-15/16*4 x 14-31/32 inches)
	Weight*3	Approx. 8.7 kg/19.2 lbs	Approx. 8.6 kg/19.0 lbs
Features	3D Ready	Yes	-
	Frame Creation	Yes	-
	Detail Clarity Processor	Detail Clarity Processor 4	Detail Clarity Processor 3
	Intelligent Lens Memory	Yes	-
	Light Harmonizer	-	Light Harmonizer 3
Accessory	Replacement lamp	ET-LAA410	ET-LAA110
	Optional accessories	ET-PKA110H (High ceiling mount bracket) ET-PKA110S (Low ceiling mount bracket) ET-TRM110 (3D IR transmitter) TY-EW3D3M (3D eyewear)	ET-PKA110H (High ceiling mount bracket) ET-PKA110S (Low ceiling mount bracket)
	Standard accessories	Power cord, wireless remote control unit, batteries for remote control unit	Power cord, wireless remote control unit, batteries for remote control unit

*1: Input signals that exceed the native resolution will be converted to the native resolution. *2: The screen size is that of the original aspect ratio. *3: Average value. Each product has an individual variable in weight. *4: Height: with legs at shortest position. *5: To operate wireless projection, the optional wireless module ET-WML100 is required. *6: VueMagic™ Pro is a product of Pixelworks, Inc. *7: In Dynamic mode, with dynamic iris on. *8: In Cinema 1 mode, with dynamic iris on. *9: Shift range is limited during simultaneous horizontal and vertical shifting.

Space Player

PT-JW130 (Track Mount Type)



1-Chip DLP™ Projector

1,000 lm

WXGA



* Available in white/black cabinet.

The Space Player is available in a Track Mount Type for installation on a duct rail, and a Direct Mount Type for installation on the ceiling or floor.

Direct Mount Type

Ceiling Installation Type

PT-JW130F + ET-JPC100



Floor Type

PT-JW130F + ET-JPF100



Optical	Panel type	11.4 mm (0.45 inches) DLP™ chip x 1
	Aspect ratio	16:10
	Light source	Laser diode
	Brightness	1,000 lm
	Lens (throw ratio)	F 2.0-2.7, f 15.2-32.7 mm (1.5-3.3:1)
	Contrast (full on/full off)	1,000:1
	Resolution	WXGA comparable
Interface	Screen size (diagonal)*1	0.76-5.08 m (30-200 inches)
	Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Audio out [M3 x 1 (L-R x 1)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB [USB type-A x 1, for power supply (DC 5 V, up to 900 mA)]
	Card slot	SD card slot x 1 (supports SDHC memory card)
Features	Power supply	100-240 V AC, 1.4-0.6 A, 50/60 Hz
	Power consumption	125 W
	Weight*2	Approx. 3.2 kg/7.1 lbs
Accessory	Standard accessories	wireless remote control unit, batteries for remote control unit, CD-ROM (Multi Projector Monitoring and Control Software, Wireless Manager)

*1: The screen size is that of the original aspect ratio. *2: Average value. Each product has an individual variable in weight.

Open up new and exciting options for spatial design by combining lighting and image projection.

The Space Player is a new type of lighting device that combines the functions of traditional lighting and a video projector to offer non-conventional ambient lighting, as well as image projection.

Spotlight type design

Ideal for spaces that emphasize design.
(2 main unit color choices: black and white)



Position-adjustable structure

Projection can cover all downward directions from the horizontal level.



Compatible with most replay systems

Image input: SD card, HDMI, wireless LAN

*Will not replay movies via wifi

Usage Example: Restaurant

Surprise your guests with visual highlights and turn their restaurant visit into an unforgettable experience.



Panasonic Projectors at Work in a Variety of Fields and Locations

Our case studies illustrate how Panasonic projectors have helped to visualize customer's goals in various fields, such as Events/Rental Staging, Museums/Exhibitions, Education, Corporate Use and more.

Events / Rental Staging

Moscow International Festival "Circle of Light"



Moscow's iconic cityscape was transformed into a spectacular illumination for the annual 'Circle of Light' event, which brings together light and graphic designers to produce multimedia and light installations using Moscow's urban spaces as a canvas.

During the festival, projection mapping shows are projected on the facades of the most notable buildings, cultural monuments and other facilities in Moscow. Panasonic flagship projectors prominently supported the festival, and on 4 October 2015, the final evening of the festival, the projectors were used to create the 19,099m² 'Light Discoveries' show, in the process becoming the largest projected image ever.

This took place on a group of Ministry of Defence buildings, on Fruzenskaya Embankment in Moscow. The installation was created for LBL Communications with the support of the Government of Moscow, in celebration of the world's greatest scientists.

CGI and live-action green screen were used to bring to life the inventors of electricity, cinema, radio, television, fibre-optic cable and the internet. The six video-mapping novels were created by artists from Russia, France, UAE and UK.

Equipment installed:
3-Chip DLP™ Projector
PT-DZ21K2/DS20K2,
PT-DZ21K/DS20K



Museums / Exhibitions

Colosseum Light Event, Rome



The Light Event, marking the 150th anniversary of diplomatic relations between Japan and Italy, was sponsored by Panasonic and held between 11-13 May. It was an event in which messages of light themed 'Love to People, Love to the Earth' were projected onto the ancient ruins of the Colosseum, with Panasonic providing nine super-high-brightness projectors.

The projectors were set up in the Roman Forum ruins, next to the Colosseum, lighting up the outside wall of the ancient monument with a video studded with words that meant 'love' in various languages.

The event, in which a 10-minute long visual program was repeatedly screened after sunset between 8pm and midnight, transformed the ancient ruins with a message of friendship, love and peace to the Italian people and the world.

Responsible for co-production were Motoko Ishii, and her daughter, AkariLisa Ishii. Motoko Ishii is one of Japan's leading lighting designers, whose works have been represented on a wide scale not only in Japan but also in lighting the world's urban landscapes.

Equipment installed:
3-Chip DLP™ Projector
PT-DZ21K2





Digital Signage

Le Petit Chef visual mapping



Traditionally, visual mappings are thought of as large projections onto buildings, at large events being viewed by large crowds.

However, Belgian-based company Skullmapping has demonstrated that small-scale visual mappings can be equally impressive, with their concept, 'Le Petit Chef'. This mapping tells the story of a small animated chef who is projected onto diners' plates and proceeds to 'cook' their food in front of them.

For the projection of their mini-mapping, the Skullmapping team chose to use Panasonic PT-VZ570 LCD-projectors. These projectors offer a blend of high image quality, low total cost of ownership, flexible installation and collaborative functionality.

The projectors achieve a contrast ratio of 10.000:1, with a brightness of 4,800 lumens. This meant that the team at Skullmapping could use a resolution of 1920 x 1200, which is vital in their productions.

Once 'Le Petit Chef' went viral on the internet, Skullmapping was contacted by various high-end hotels and restaurants from across the world, ranging from Russia to Dubai, to see if it would be possible to licence the use of the animation or make custom-made projections.

Equipment installed:
PT-VZ570 LCD-projectors



Education / Training

Sheffield University Diamond Building



Built at a cost of £81 million, The Diamond building at The University of Sheffield has been quickly recognised as a great example of a modern, interdisciplinary teaching venue.

The University, which is home to over 26,000 students and 5,000 members of staff, opened The Diamond building in September 2015. It houses specialist engineering teaching facilities, a range of lecture theatres, seminar rooms, open-plan learning spaces, library services and social spaces.

There was a need to include a suite of audio visual technologies which would ensure that The Diamond was a world-class facility, both technically and architecturally.

In total, the University chose 77 Panasonic projectors, 87 digital displays and a range of Panasonic broadcast cameras to ensure that the student learning experience was second to none.





Equipment installed:

- 1-Chip DLP™ Projector
- PT-RZ370**
- PT-DZ13K**
- PT-RZ670**
- PT-DZ870**



Optional Lenses Compatibility Chart

For the PT-RQ13K (4K+), PT-RZ12K/DZ21K2/DZ13K/DZ10K (WUXGA), PT-DZ16K2 (Full HD), PT-DW17K2/DW11K (WXGA), PT-RS11K/DS20K2/DS12K (SXGA+)




Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens
Model number	ET-D75LE6	ET-D75LE10	ET-D75LE20	ET-D75LE30
				
F value	2.5	2.5	2.5	2.5
Focal distance (f)	19.63-23.54 mm	27.4-35.4 mm	35.0-50.9 mm	50.5-97.9 mm
Throw ratio	4K* (16:10) WUXGA (16:10) Full HD (16:9) WXGA (16:9) SXGA+ (4:3)	1.0-1.2:1 1.3-1.7:1 1.3-1.7:1 1.4-1.9:1 1.0-1.2:1	1.8-2.6:1 1.7-2.4:1 1.7-2.4:1 1.8-2.7:1 1.4-2.6:1	2.6-5.0:1 2.4-4.7:1 2.4-4.7:1 2.7-5.2:1 2.6-5.1:1
Dimensions (W x H x D)	160 x 160 x 356.5 mm	150 x 150 x 269 mm	134 x 134 x 265 mm	134 x 134 x 265 mm
Weight	Approx. 8.7 kg/19.2 lbs	Approx. 6.1 kg/13.4 lbs	Approx. 5.2 kg/11.5 lbs	Approx. 5.2 kg/11.5 lbs

For the PT-EX16K, PT-EX12K (XGA)

Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens
Model number	ET-ELW06	ET-ELW02	ET-ELW04	ET-ELS02
				
F value	2.3-2.8	2.5-2.9	1.7-2.3	2.0-2.3
Focal distance (f)	46-58 mm	52-68 mm	58-76 mm	76-98 mm
Throw ratio	XGA (4:3)	1.2-1.5:1	1.5-2.0:1	2.0-2.6:1
Dimensions (W x H x D)	142 x 140 x 251 mm	122 x 114 x 203 mm	133 x 122 x 227.5 mm	130 x 116 x 232 mm
Weight	Approx. 3.0 kg/6.6 lbs	Approx. 2.2 kg/4.9 lbs	Approx. 2.8 kg/6.2 lbs	Approx. 1.8 kg/4.0 lbs

For the PT-RZ670/DZ870/DZ780 (WUXGA), PT-RW630/DW830/DW750 (WXGA), PT-DX100/DX820 (XGA)

Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens
Model number	ET-DLE085	ET-DLE150	ET-DLE250	ET-DLE350
				
F value	1.85-2.20	1.8-2.4	1.8-2.4	1.8-2.2
Focal distance (f)	11.8-14.6 mm	19.4-27.9 mm	33.9-53.2 mm	52.8-79.5 mm
Throw ratio	WUXGA (16:10) WXGA (16:10) XGA (4:3)	0.8-1.0:1 1.3-1.9:1 1.4-2.0:1 1.3-2.0:1	2.3-3.6:1 2.4-3.8:1 2.4-3.7:1	3.6-5.4:1 3.8-5.7:1 3.7-5.6:1
Dimensions (W x H x D)	140 x 140 x 206 mm	95 x 95 x 168 mm	95 x 95 x 168 mm	95 x 95 x 169 mm
Weight	Approx. 1.3 kg/2.9 lbs	1.1 kg/2.4 lbs	1.0 kg/2.2 lbs	1.1 kg/2.4 lbs

Zoom lens	Zoom lens	Fixed-focus lens	Fixed-focus lens
ET-D75LE40	ET-D75LE8	ET-D75LE50	ET-D75LE90
			
2.5	2.5-2.7	2.5	2.5
96.6-154.1 mm	154-289 mm	14.8 mm	7.5 mm
4.9-7.9:1	7.9-14.8:1	0.7:1	0.39:1
4.6-7.4:1	7.3-13.8:1	0.7:1	0.36:1
4.6-7.4:1	7.3-13.8:1	0.7:1	0.36:1
5.1-8.2:1	8.2-15.4:1	0.8:1	0.40:1
5.0-8.2:1	7.9-15.0:1	0.8:1	0.39:1
130 x 130 x 268 mm	150 x 150 x 404 mm	160 x 160 x 347 mm	154 x 154 x 448.5 mm
Approx. 5.0 kg/11.0 lbs	Approx. 8.5 kg/18.7 lbs	Approx. 7.1 kg/15.7 lbs	Approx. 6.5 kg/14.3 lbs

Zoom lens	Zoom lens	Zoom lens	Zoom lens	Fixed-focus lens
ET-ELS03	ET-ELM01	ET-ELT02	ET-ELT03	ET-ELW03
				
1.7-2.6	2.0-2.6	2.0-2.9	2.5-2.5	2.6
97-131 mm	125-162 mm	158-221 mm	224-325 mm	30 mm
2.6-3.5:1	3.5-4.5:1	4.4-6.2:1	6.3-9.0:1	0.8:1
146 x 137 x 264 mm	120 x 110 x 183 mm	131 x 130 x 249 mm	169 x 171 x 461 mm	175 x 175 x 238 mm
Approx. 3.7 kg/8.2 lbs	Approx. 1.9 kg/4.2 lbs	Approx. 3.1 kg/6.8 lbs	Approx. 7.3 kg/16.1 lbs	Approx. 3.1 kg/6.8 lbs

Zoom lens	Fixed-focus lens	Fixed-focus lens
ET-DLE450	ET-DLE055	ET-DLE030
		
1.8-2.4	1.8	2.0
79.5-125.2 mm	11.9 mm	5.3 mm
5.3-8.6:1	0.8:1	0.38:1
5.6-9.0:1	0.8:1	0.40:1
5.5-8.9:1	0.8:1	0.39:1
95 x 95 x 210 mm	95 x 95 x 150 mm	132 x 102 x 311 mm
1.3 kg (2.9 lbs)	0.8 kg/1.8 lbs	Approx. 1.3 kg/3.1 lbs

Optional Lenses Compatibility Chart

For the PT-EZ770Z (WUXGA), PT-EW730Z (WXGA), PT-EX800Z (XGA)

Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens	Fixed-focus lens
Model number	ET-ELW22	ET-ELW20	ET-ELT20	ET-ELT21	ET-ELW21
					
F value	2.0 -2.4	1.8 -2.3	1.8 -2.3	1.8 -2.3	2.0
Focal distance (f)	13.27-16.56 mm	20.4-27.6 mm	45.6-73.8 mm	74.8-118.2 mm	13.05 mm
Throw ratio					
WUXGA (16:10)	0.78 -0.98:1	1.3-1.7:1	2.8-4.6:1	4.6-7.2:1	0.8:1
WXGA (16:10)	0.78 -0.98:1	1.3-1.7:1	2.8-4.6:1	4.6-7.2:1	0.8:1
XGA (4:3)	0.8 -1.0:1	1.3-1.7:1	2.8-4.6:1	4.6-7.2:1	0.8:1
Dimensions (W x H x D)	133 x 133 x 211 mm	116 x 116 x 196 mm	108 x 108 x 197 mm	108 x 108 x 196 mm	108 x 108 x 166 mm
Weight	Approx. 1.2 kg/2.7 lbs	Approx. 1.20 kg/2.6 lbs	Approx. 1.18 kg/2.6 lbs	Approx. 1.20 kg/2.6 lbs	Approx. 1.08 kg/2.4 lbs

For the PT-EZ590 (WUXGA), PT-EW650/EW550 (WXGA), PT-EX620/EX520 (XGA)

Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens
Model number	ET-ELW31	ET-ELW30	ET-ELT30	ET-ELT31
				
F value	1.7-2.0	1.7-1.99	1.7-2.24	1.7-2.3
Focal distance (f)	10.46-13.61 mm	13.09-17.03 mm	31.34-56.79 mm	56.41-101.66 mm
Throw ratio				
WUXGA (16:10)	0.74-0.96:1	0.96-1.22:1	2.23-4.02:1	4.02-7.20:1
WXGA (16:10)	0.74-0.96:1	0.96-1.22:1	2.23-4.02:1	4.02-7.20:1
XGA (4:3)	0.79-1.08:1	1.00-1.30:1	2.39-4.36:1	4.34-7.86:1
Dimensions (W x H x D)	127.4 x 127.4 x 194.5 mm	127.4 x 127.4 x 194 mm	110 x 110 x 205.1 mm	110 x 110 x 214.5 mm
Weight	Approx. 1.20 kg/2.6 lbs	Approx. 1.20 kg/2.6 lbs	Approx. 1.52 kg/3.4 lbs	Approx. 1.55 kg/3.4 lbs

Geometric Adjustment Feature and Upgrade Kits expand projection capability



* iMap Bucharest 555

Geometric Adjustment

Projectors with a built-in Geometric Adjustment function expand projection capability onto spherical, cylindrical and other specially shaped screens. 4-Corner Adjustment and Keep Aspect Off functions can be used for simple and fine adjustment.*1

Geometry Manager Pro Software and Upgrade Kit

Using this software allows you to perform real-time geometric compensation and other fine adjustments and corrections that cannot be handled on the projector side.

More Flexible & Functional Upgrade Kits

■ Upgrade Kit for Geometry Manager Pro [ET-UK20]

Expands the correctable range for Geometry Manager Pro Software. Custom Masking, Uniformity Correction, and other useful functions for multi-projector setups are supported.

■ Auto Screen Adjustment Upgrade Kit [ET-CUK10/CUK10P]*2

This is the plug-in software and expands the functions of Geometry Manager Pro. Allows automatic adjustment of geometry correction, edge blending, color, and brightness according to the shape of the screen through use of an externally connected camera.

Compatible Projector Models

	PT-R013K	PT-RZ12K	PT-RS11K	PT-DZ11K2	PT-DS20K2	PT-DW17K2	PT-DZ16K2	PT-DZ13K	PT-DS12K	PT-DZ10K	PT-DZ870	PT-DZ780	PT-DW750	PT-DX820	PT-RZ670
Geometric Adjustment	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes*1	Yes	Yes	Yes	Yes	Yes
Geometry Manager Pro Software	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes
ET-UK20	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	Yes	Yes	No	No	Yes
ET-CUK10/CUK10P*2	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes

*1 The PT-DZ10K does not feature 4-Corner Adjustment and Keep Aspect Off functions.

*2 A firmware update is required to use these functions. Available for use worldwide except in the United States. Availability varies depending on the country. For more information, please contact the sales company in your region.

Note: The PT-DW11K, PT-DW830/DX100, and PT-RW630 does not support Geometric Adjustment feature and upgrade kits.

For downloading/activating the software and optional upgrade kits

PASS (Projector & Professional Display Asset Support System)

Providing comprehensive support for all Panasonic projector and professional display owners and people who are interested in those products.

Utility Software can be downloaded from PASS



- Auto Screen Adjustment Upgrade Kit [ET-CUK10/CUK10P] (For use worldwide except in the United States.)
- Geometry Manager Pro and Upgrade Kit [ET-UK20]
- Early Warning Software [ET-SWA100 series]



For more information, please visit the PASS system >>> panasonic.net/avc/projector/pass/

For more flexible/precise installation

Throw Distance Calculator (HTML/Flash version)

This estimates the projection screen size and distance of your projector. And the Lens Finder feature helps you to find the most appropriate optional lens.



For more information, please visit the website

>>> business.panasonic.co.uk/visual-system/projectors-service-and-downloads/projector-throw-calculators

Large-Venue

Recommended Applications:

- Rental/Staging
- Auditoriums
- Digital Signage
- Houses of Worship/Churches



Installation

Recommended Applications:

- Seminar Rooms/Lecture Rooms
- Museums/Exhibition
- Corporate Uses
- Digital Signage
- Boardrooms



Portable

Recommended Applications:

- Medium to Small Classrooms
- Meeting Rooms



Short Throw

Recommended Applications:

- Small Classrooms
- Meeting Rooms



Home Cinema

Recommended Applications:

- Seminar Rooms/Lecture Rooms
- Museums/Exhibition
- Corporate Uses
- Digital Signage
- Boardrooms



Lighting

Recommended Applications:

- Retail Stores
- Museums/Exhibition
- Restaurants
- Digital Signage



Weights and dimensions shown are approximate. Specifications and appearance are subject to change without notice. Product availability differs depending on region and country. These products may be subject to export control regulations. Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. DLP is a trademark or registered trademark of Texas Instruments. HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. HDBaseT™ is a trademark of the HDBaseT Alliance. All other trademarks are the property of their respective trademark owners. Projection images simulated. © 2016 Panasonic Corporation. All rights reserved.

For the latest information about Panasonic Projectors and Professional Displays, please visit:

Projectors European Website:

business.panasonic.co.uk/visual-system

YouTube: www.youtube.com/user/PanasonicBusiness

Facebook: www.facebook.com/PanasonicVisualSolutionsEU

App (iOS/Android devices): [Visual System Solutions](#)

All information included here is valid as of June 2016.