

Projector lineup

January 2016



LARGE-VENUE

INSTALLATION

PORTABLE

SHORT THROW

LIGHTING

HOME CINEMA

Worldwide
Olympic Partner



Worldwide
Paralympic Partner



Ideal solutions for various applications



"iMapp Bucharest 555 years anniversary event" Romania

Monitoring

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



"Brisa motorway operator" Portugal



5,000 lm

PT-EZ770 Series



PT-RZ470 Series
SOLID SHINE



PT-FW430 Series



PT-RZ370 Series
SOLID SHINE

3,000 lm



PT-VZ570 Series



PT-VW350 Series



PT-CW330 Series



PT-LB412 Series



PT-JW130 Series



PT-TW343R Series

20,000 lm

Events / Rental Staging

Superior picture quality and reliability for large-scale projection.



"The Wall Live Concert Tour" Europe



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-EZ580 Series

Museum / Exhibition

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



"The Titanic Experience" Ireland



"Japan Pavilion at Expo Milano 2015" Italy

Education / Training

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



"WizeFloor - interactive floors" United Kingdom



"Kingston University" United Kingdom

Large-Venue (SOLID SHINE Series)

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

SOLID SHINE LASER



3-Chip DLP™

PT-RQ13K **NEW**



10,000 lm | 4K+

- 20,000 hours maintenance-free*2
- Geometric Adjustment
- Frame Creation

PT-RZ12K **NEW**



12,000 lm | WUXGA

- 20,000 hours maintenance-free*2
- Geometric Adjustment
- Frame Creation

PT-RS11K **NEW**



12,000 lm | SXGA+

- 20,000 hours maintenance-free*2
- Geometric Adjustment
- Frame Creation

Large-Venue

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



3-Chip DLP™

PT-DZ21K2



20,000 lm | WUXGA

- Geometric Adjustment
- Frame Creation
- Long-life lamp/filter

PT-DS20K2



20,000 lm | SXGA+

- Geometric Adjustment
- Frame Creation
- Long-life lamp/filter

PT-DW17K2



17,000 lm | WXGA

- Geometric Adjustment
- Frame Creation
- Long-life lamp/filter

PT-DZ16K2



16,000 lm | Full HD

- Geometric Adjustment
- Frame Creation
- Long-life lamp/filter



3-Chip DLP™

PT-DZ13K



12,000 lm | WUXGA

- Geometric Adjustment
- Lens Memory
- Eco Filter

PT-DS12K



12,000 lm | SXGA+

- Geometric Adjustment
- Lens Memory
- Eco Filter

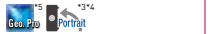
PT-DW11K



11,000 lm | WXGA

- Lens Memory
- Eco Filter

PT-DZ10K



10,600 lm | WUXGA

- Geometric Adjustment
- Lens Memory
- Eco Filter

Rental/Staging / Auditorium / Houses of Worship/Church



LCD

PT-EX16K



16,000 lm | XGA

- Pure Colour Control
- Corner Keystone



LCD

PT-EX12K



13,000 lm | XGA

- Pure Colour Control
- Corner Keystone
- Eco Filter

Installation (SOLID SHINE Series)

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

SOLID SHINE LASER



1-Chip DLP™

PT-RZ670



6,500 lm | WUXGA

- [Available in white/black cabinet]
- Laser light source
- 20,000 hours maintenance-free*2
- 360-degree free installation
- Available as lens-less model

PT-RW630



6,500 lm | WXGA

- [Available in white/black cabinet]
- Laser light source
- 20,000 hours maintenance-free*2
- 360-degree free installation
- Available as lens-less model

Museum/Exhibition / Control Room / Digital Signage

SOLID SHINE



1-Chip DLP™

PT-RZ475**7



3,000 lm | Full HD

- Short throw lens mounted
- No lamp/filter replacement
- 20,000 hours maintenance-free*2

PT-RZ470



3,500 lm | Full HD

- [Available in white/black cabinet]
- No lamp/filter replacement
- 20,000 hours maintenance-free*2

PT-RW430



3,500 lm | WXGA

- [Available in white/black cabinet]
- No lamp/filter replacement
- 20,000 hours maintenance-free*2

Seminar Room/Lecture Room / Meeting Room

SOLID SHINE



1-Chip DLP™

PT-RZ370



3,500 lm | Full HD

- No lamp/filter replacement
- 20,000 hours maintenance-free*2

PT-RW330



3,500 lm | WXGA

- No lamp/filter replacement
- 20,000 hours maintenance-free*2

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*8
- Dynamic RGB Booster
- Geometric Adjustment
- Available as lens-less model

PT-DW750



- Available in white/black cabinet
- Quiet 30 dB operation*8
- Dynamic RGB Booster
- Geometric Adjustment
- Available as lens-less model

PT-DX820



- Available in white/black cabinet
- Quiet 30 dB operation*8
- 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

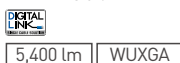


- Daylight View Basic
- Eco Filter
- Available as lens-less model



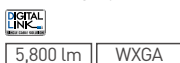
LCD

PT-EZ580



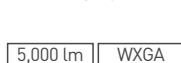
- Daylight View Basic
- Eco Filter
- Available as lens-less model

PT-EW640



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

PT-EW540



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

PT-EX610



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

PT-EX510



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

Seminar Room/Lecture Room / Boardroom / Meeting room



LCD

PT-FW430



- 2x Zoom lens
- Eco Filter

PT-FX400



- 2x Zoom lens
- Eco Filter

Detachable Short Throw Lenses



ET-D75LE90

Ultra short throw lens for 3-chip DLP projectors (200 inch screen produced from 1.6m distance)*3.



ET-DLE030

Ultra short throw lens for 1-chip DLP projectors (100 inch screen produced from 84cm distance)*4.



ET-ELW22

Short throw zoom lens for E2770 and E2580 series LCD installation projectors (100 inch screen can be produced from 1.71 to 2.13m distance)*5.

*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: The availability varies depending on the country. *7: With no lens shift lever.

*8: When the projector used with the lamps at full power in normal mode. *9: To operate wireless projection, the optional wireless module ET-WM200 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 **NEW**



option¹
4,100 lm XGA

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

PT-LB382 **NEW**



option¹
3,800 lm XGA

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

PT-LB332 **NEW**



option¹
3,300 lm XGA

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

PT-LW362 **NEW**



option¹
3,600 lm WXGA

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

PT-LW312 **NEW**



option¹
3,100 lm WXGA

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

PT-LB300



option¹
3,100 lm XGA

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

PT-LB280



option¹
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 NEW



3,300 lm WXGA

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

PT-TW342 NEW



3,300 lm WXGA

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

PT-TX402 NEW



3,800 lm XGA

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

PT-TX312 NEW



3,200 lm XGA

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

Lighting

Retail Store / Museum / Restaurant



1-Chip DLP™

PT-JW130



1,000 lm WXGA

- Laser light source
- 20,000 hours maintenance free
- Integrated projector and lighting function
- SD Card slot

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

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,*5 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>>

<http://business.panasonic.co.uk/visual-system/products-and-accessories/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 or PT-DZ780/DW750/DX820 and ET-YFB200G.

When used with other transmitter/switcher, signals can be transmitted for up to 100 m (328 ft).

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

Large-Venue

PT-RQ13K



NEW



3-Chip DLP™ Projector

10,000 lm

4K* 5



* Lens sold separately.

PT-RZ12K



NEW



3-Chip DLP™ Projector

12,000 lm

WUXGA



* Lens sold separately.

Optical	Panel type	22.9 mm (0.9 inches) DLP™ chip x 3	24.4 mm (0.96 inches) DLP™ chip x 3
	Aspect ratio	16:10	16:10
Optical	Light source	Laser diodes	Laser diodes
	Brightness	10,000 lm	12,000 lm
Optical	Contrast (full on/full off)	20,000:1	20,000:1
	Resolution native/maximum*1	4K* [5,120 x 3,200]*5	WUXGA [1,920 x 1,200]
Optical	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: ±59 %*7, horizontal: ±29 %*7 (powered)	Vertical: ±55 %*13, horizontal: ±20 %*13 (powered)
Interface	Terminals	SDI in [BNC x 4 (3G/HD/SD-SDI, Dual-link HD/SD-SDI, Dual-link 3G-SDI x 4)] FRAME SYNC in/out [BNC x 1 (Frame-synchronizing timing signal)] FRAME SYNC out [BNC x 1 (Frame-synchronizing 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] Optional board slot [Slot x 2]	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/YPbPr/YCbCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr 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]
General	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	Power consumption	1,270 W	1,200 W
General	Dimensions (W x H x D)	578 x 323.5*8 x 740 mm*9 (22-3/4 x 12-23/32*8 x 29-1/8 inches)*9	578 x 323.5*8 x 740 mm*9 (22-3/4 x 12-23/32*8 x 29-1/8 inches)*9
	Weight*4	Approx. 49 kg/108 lbs	Approx. 44.0 kg/97 lbs
Features	Filter	Eco Filter	Eco Filter
	Edge Blending	Yes	Yes
Features	Geometric Adjustment	Yes (Optional upgrade kit available)	Yes (Optional upgrade kit available)
	Multi-Unit Brightness Control	Yes	Yes
Features	Portrait mode	Yes [360-degree free installation capability]	Yes [360-degree free installation capability]
	Daylight View	System Daylight View 3	System Daylight View 3
Features	Detail Clarity Processor	Detail Clarity Processor 5*	Detail Clarity Processor 5
	DICOM Simulation Mode	Yes	Yes
Features	P-in-P	-	Yes
Accessory	Optional accessories	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-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-MDNVD10 (DVI-D 2 Input Board) ET-MDNHM10 (HDMI 2 Input Board) TY-TBN03G*11 (3G-SDI Terminal Board)	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-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]
	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, 2.6-5.0:1) ET-D75LE40 (Zoom lens, 4.9-7.9:1) ET-D75LE8 (Zoom lens, 7.9-14.8:1) ET-D75LE50*3 (Fixed-focus lens, 0.7:1) ET-D75LE90*3 (Fixed-focus lens, 0.39:1)	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)
Accessory	Standard accessories	Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*12	Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*12

*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: Resolution 5,120 x 3,200 Pixels (QUAD PIXEL DRIVE: ON) *6: 1.78-15.24 m (70-600 inches) with the ET-D75LE8. *7: Vertical ±56 % and horizontal ±19 % with the ET-D75LE6.

PT-RS11K

SOLID SHINE LASER



NEW

3D PROFESSIONAL

DIGITAL LINK

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/YcCr x 1]]

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

[RGB/YpPr/YcCr 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]

100-240 V AC, 50/60 Hz

1,200 W

578 x 323.5" x 740 mm⁹

[22-3/4 x 12-23/32" 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-YFB200G [DIGITAL LINK Switcher]

ET-YFB100G [Digital Interface Box]

ET-UK20 [Geometry Manager Pro Upgrade kit]

ET-CUK10/CUK10P¹⁰

[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-D75LE50¹³ [Fixed-focus lens, 0.8:1]

ET-D75LE90¹³ [Fixed-focus lens, 0.39:1]

Power cord, wireless/wired remote control unit, CD-ROM¹²

batteries for remote control unit, CD-ROM¹²

Scintillating Picture Quality in 4K+ Resolution

4K PROFESSIONAL

4K DIGITAL LINK

SOLID SHINE LASER

3D PROFESSIONAL

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

PT-RQ13K

10,000 lm

4K+

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, colour 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+

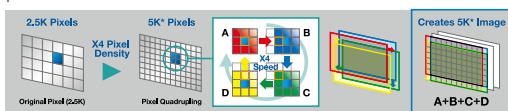
Beyond UltraHD (4K+) 5120 x 3200*

* Maximum physical resolution.

Quad Pixel Drive

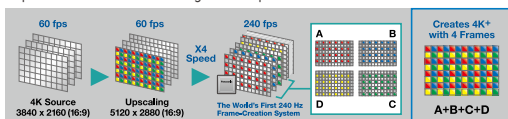
Quad Pixel Drive

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.



For more information about PT-RQ13K projector, please visit the website.

business.panasonic.co.uk/visual-system/lage_venue_projector/PT-RQ13



*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.

Large-Venue

PT-DZ21K2



3-Chip DLP™ Projector

20,000 lm

WUXGA



* Lens sold separately.

PT-DS20K2



3-Chip DLP™ Projector

20,000 lm

SXGA+



* Lens sold separately.

Optical	Panel type	24.4 mm (0.96 inches) DLP™ chip x 3	24.1 mm (0.95 inches) DLP™ chip x 3
	Aspect ratio	16:10	4:3
Optical	Lamp	432 W UHM x 4	432 W UHM x 4
	Brightness	20,000 lm	20,000 lm
	Contrast (full on/full off)	10,000:1	10,000:1
	Resolution native/maximum*1	WUXGA (1,920 x 1,200)	SXGA+ (1,400 x 1,050)/WUXGA (1,920 x 1,200)
	Screen size (diagonal)*2	1.78-25.4 m (70-1,000 inches)*7	1.78-25.4 m (70-1,000 inches)*7
Interface	Lens shift*3	Vertical: ±55 %*8, horizontal: ±20 %*8 (powered)	Vertical: ±50 %*13, horizontal: ±30 %*13 (powered)
	Terminals	SDI in [BNC x 2 (3G/HD/SD-SDI x 2)] 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/Y/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]	SDI in [BNC x 2 (3G/HD/SD-SDI x 2)] 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/Y/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]
General	Power supply	200-240 V AC, 50/60 Hz	200-240 V AC, 50/60 Hz
	Power consumption	2,060 W	2,060 W
	Dimensions (W x H x D)	620 x 291*9 x 800 mm*10 [24-7/16 x 11-15/32*9 x 31-1/2 inches]*10	620 x 291*9 x 800 mm*10 [24-7/16 x 11-15/32*9 x 31-1/2 inches]*10
Features	Weight*4	Approx. 41.0 kg/90.4 lbs	Approx. 41.0 kg/90.4 lbs
	Filter	Eco Filter	Eco Filter
	Edge Blending	Yes	Yes
	Geometric Adjustment	Yes (Optional upgrade kit available)	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
Accessory	Detail Clarity Processor	Detail Clarity Processor 3	Detail Clarity Processor 3
	DICOM Simulation Mode	Yes	Yes
	P-in-P	Yes	Yes
	Replacement lamp	ET-LAD520/ET-LAD520F (4 units) ET-LAD520P/ET-LAD520PF (for portrait mode)	ET-LAD520/ET-LAD520F (4 units) ET-LAD520P/ET-LAD520PF (for portrait mode)
	Optional accessories	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PFD520 (Frame) ET-EMF520 (Replacement filter unit) 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]	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PFD520 (Frame) ET-EMF520 (Replacement filter unit) 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]
	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)	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)
	Standard accessories	Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*12	Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*12

*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



* Lens sold separately.

PT-DZ16K2



3-Chip DLP™ Projector

16,000 lm Full HD

* Lens sold separately.

PT-DZ13K



3-Chip DLP™ Projector

12,000 lm WUXGA



* 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/PbPr/YCbCr/YC/video x 1]]
RGB 2 in [D-sub HD 15-pin x 1
[RGB/Y/PbPr/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]

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

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)
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/PbPr/YCbCr/YC/video x 1]]
RGB 2 in [D-sub HD 15-pin x 1
[RGB/Y/PbPr/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]

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

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)
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/PbPr/YCbCr x 1)]
RGB 2 in [D-sub HD 15-pin x 1
[RGB/Y/PbPr/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/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

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-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-D75MC1 (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+ Geo. Pro Portrait

* Lens sold separately.

PT-DW11K



3-Chip DLP™ Projector
11,000 lm WXGA Portrait

* Lens sold separately.

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
Optical	Lamp	380 W UHM x 2	380 W UHM x 2
	Brightness	12,000 lm	11,000 lm
Optical	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]
Optical	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]
Interface	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
General	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
Features	Weight*4	Approx. 24 kg/52.9 lbs	Approx. 24 kg/52.9 lbs
	Filter	Eco Filter	Eco Filter
Features	Edge Blending	Yes	Yes
	Geometric Adjustment	Yes (Optional upgrade kit available)	-
Features	Multi-Unit Brightness Control	Yes	Yes
	Portrait mode	Yes*5	Yes*5
Features	Daylight View	System Daylight View 2	System Daylight View 2
	Detail Clarity Processor	Detail Clarity Processor 3	Detail Clarity Processor 3
Features	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-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-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)
	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)
Accessory	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]
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 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)]

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 200¹⁸ x 548.5 mm¹⁹
[20-7/8 x 7-7/8⁸ x 21-19/32 inches]¹⁹
Approx. 24 kg/52.9 lbs

Eco Filter

Yes

Yes

Yes

Yes⁵

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-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/CUK10P¹⁰
(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-D75LE50¹³ (Fixed-focus lens, 0.7:1)
ET-D75LE90¹³ (Fixed-focus lens, 0.36:1)
ET-D75MC1 (Lens motor cover)

Power cord, wireless/wired remote control unit,
batteries for remote control unit, software
CD-ROM (Logo Transfer Software, Multi
Projector Monitoring and Control Software)

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]
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/YPbPr/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]

200-240 V AC, 11 A, 50/60 Hz
1,850 W
650 x 349 x 815 mm¹⁹
[25-19/32 x 13-3/4 x 32-3/32 inches]¹⁹
Approx. 46.5 kg/102.5 lbs

Pleated Air Filter

Yes

-

-

-

-

-

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-

-

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-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, computer cable,
lens attachment, lens lock lever fixing bracket,
lightshielding plate, spacer, cable tie, CD-ROM¹⁶

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]
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/YPbPr/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]

100-240 V AC, 11 A, 50/60 Hz
940 W
538.5 x 268 x 757 mm¹⁹
[21-7/32 x 10-9/16 x 29-3/16 inches]¹⁹
Approx. 28 kg/61.7 lbs

Eco Filter

Yes

-

-

-

-

-

-

-

-

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-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, computer cable,
lens attachment, lens lock lever fixing bracket,
lightshielding plate, spacer, cable tie, CD-ROM¹⁶

*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 Colour Manager Pro.

Installation

PT-RZ670 PT-RZ670L *5



1-Chip DLP™ Projector

6,500 lm WUXGA



* Available in white/black cabinet.

PT-RW630 PT-RW630L *5



1-Chip DLP™ Projector

6,500 lm WXGA

* Available in white/black cabinet.

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
Optical	Light source	Laser diode	Laser diode
	Brightness	6,500 lm	6,500 lm
Optical	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
Optical	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	1.27-15.24 m (50-600 inches)*6	1.27-15.24 m (50-600 inches)*6
Optical	Lens shift*3	Vertical: +50 %/-16 %, horizontal: +30 %*7/-10 % (powered)	Vertical: +60 %/-16 %, horizontal: +30 %*7/-10 % (powered)
	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]
Interface	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
	Power consumption	720 W	720 W
Interface	Dimensions (W x H x D)	498 x 200*8 x 581 mm*9 (19-19/32 x 7-7/8*8 x 22-7/8 inches)*9	498 x 200*8 x 581 mm*9 (19-19/32 x 7-7/8*8 x 22-7/8 inches)*9
	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]
General	Filter	Filter-free	Filter-free
	Maintenance-free duration	20,000 hours*10	20,000 hours*10
Features	Edge Blending	Yes	Yes
	Geometric Adjustment	Yes (Optional upgrade kit available)	-
Features	Portrait mode	Yes (360-degree free installation capability)	Yes (360-degree free installation capability)
	RGB Booster	-	-
Features	Daylight View	System Daylight View 2	System Daylight View 2
	Detail Clarity Processor	Detail Clarity Processor 3	Detail Clarity Processor 3
Features	DICOM Simulation Mode	Yes	Yes
	P-in-P/Side-by-Side	P-in-P/Side-by-Side	P-in-P/Side-by-Side
Accessory	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*11 [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)
Accessory	Standard accessories	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*12	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*12

*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: Lens-less model. *6: 1.27-5.08 m (50-200 inches) with the ET-DLE055.

*7: Horizontal +28% with the ET-DLE085. *8: Height: with legs at shortest position. *9: Depth: including the supplied lens. Depth: 538 mm (21-3/16 inches) for the lens-less models.

"Are All Laser Projectors Created Equal?"

The Answer is No.

Panasonic can deliver superior picture quality and reliability with our original technology.



Panasonic Quality

Outstanding Picture Quality

Combined with a powerful laser light source and a durable, heat-resistant phosphor wheel, Panasonic's Quartet Colour Harmonizer improves colour reproduction, white balance, and perceived brightness. Optimally balanced, high-definition images are projected with little loss of brightness.

Panasonic's Quartet Colour Harmonizer



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.



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.

Particulate Matter per Cubic Meter in Different Environments

0.030 mg/m^3

0.080 mg/m^3

0.110 mg/m^3

0.150 mg/m^3

CLEAN

DUSTY



Clean Environment



General Office Environment



High Traffic Environment



Dusty Environment

○ WHO Europe Guideline for Dust Resistance

○ Japanese Building Maintenance Association

○ ASHRAE (American Society of Heating, Refrigerating, and Air-Conditioning Engineers)

Panasonic Dust Test Standard

Usage Example

Poretta Beer Stand (at the Expo Milano 2015)

The PT-RZ670 projectors with ET-DLE030 lenses were installed under "hops sprouts" shaped domes. Panasonic's original SOLID SHINE Laser optical engine technology delivered up to 6,500 lm of brightness while enduring outdoor conditions over the continuous six-month period of the session.



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

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



*10: 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. *11: Available for use worldwide except in the United States.

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

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)
Interface	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)
	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
General	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
Features	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, f 21.5-43.0 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, f 21.5-43.0 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, f 21.5-43.0 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	- 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 a lens-less model.

PT-DW830



1-Chip DLP™ Projector

8,500 lm WXGA



- Available in white/black cabinet.
- Available as a 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
Optical	Lamp	420 W UHM x 2	420 W UHM x 2
	Brightness	8,500 lm	8,500 lm
	Lens (throw ratio)	F 1.7-1.9, f 25.6-35.7 mm [1.7-2.4:1] [PT-DZ870]	F 1.7-1.9, f 25.6-35.7 mm [1.8-2.5:1] [PT-DW830]
	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	1.27-15.24 m [50-600 inches]*6	1.27-15.24 m [50-600 inches]*6
	Lens shift*3	Vertical: +50 %, horizontal: ±10 % [powered]	Vertical: +60 %, horizontal: ±10 % [powered]
Interface	Terminals	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/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]	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]
General	Power supply	120-240 V AC, 10-5.2 A, 50/60 Hz	120-240 V AC, 10-5.2 A, 50/60 Hz
	Power consumption	1,030 W	1,030 W
General	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	498 x 200*7 x 556 mm*8 [19-19/32 x 7-7/8*7 x 21-7/8 inches]*8
	Weight*4	Approx. 18.3 kg/40.3 lbs [PT-DZ870L: approx. 17.6 kg/38.8 lbs]	Approx. 18.3 kg/40.3 lbs [PT-DW830L: approx. 17.6 kg/38.8 lbs]
Features	Filter	Filter-less	Filter-less
	Edge Blending	Yes	Yes
Features	Geometric Adjustment	Yes [Optional upgrade kit available]	-
	Portrait mode	Yes*5	Yes*5
Features	RGB Booster	Yes [Dynamic RGB Booster]	Yes [Dynamic RGB Booster]
	Daylight View	System Daylight View 2	System Daylight View 2
Features	Detail Clarity Processor	Detail Clarity Processor 3	Detail Clarity Processor 3
	DICOM Simulation Mode	Yes	Yes
Features	P-in-P/Side-by-Side	P-in-P/Side-by-Side	P-in-P/Side-by-Side
Accessory	Replacement lamp	ET-LAD120/ET-LAD120W [2 units] ET-LAD120P/ET-LAD120PW [for portrait mode]	ET-LAD120/ET-LAD120W [2 units] ET-LAD120P/ET-LAD120PW [for portrait mode]
	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]	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]
Accessory	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*10	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*10

*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 *5
10,000 lm XGA

- Available in white/black cabinet.
- Available as a 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*5
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
7,000 lm WUXGA

- Available in white/black cabinet.
- Available as a 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/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, 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/CUK10P*9
[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 WUXGA

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

PT-EZ770Z



LCD Projector

6,500 lm WUXGA

- Available as a 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]
Optical	Screen size (diagonal)*2	1.27-15.24 m [50-600 inches]*5	1.02-10.16 m [40-400 inches]
	Lens shift*3	Vertical: +50 %/-13 %, horizontal: +30 %/-10 % [powered]	Vertical: ±60 %, horizontal: ±10 % [powered]
Interface	Built-in speaker	-	10.0 W [monaural]
	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/PbPr/YCbCr/YC/video x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/Y/PbPr/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/PbPr/YCbCr x 1)] RGB 2 in [BNC x 5 (RGB/Y/PbPr/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]
General	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
	Power consumption	790 W (except Taiwan), 785 W (Taiwan)	590 W
General	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
	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)
Features	Filter	Filter-less	Eco Filter
	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
Accessory	Audio Out During Standby	-	Yes
	Replacement lamp	ET-LAD70/ET-LAD70W [2 units]	ET-LAE300
Accessory	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-PKE200H (High ceiling mount bracket) ET-PKE200S (Low ceiling mount bracket) ET-PKE200B (Bracket assembly) ET-RFE300 (Replacement filter unit) 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, 1.3-2.0:1) 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)
Accessory	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 a 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)
-

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/YpPr/YCbCr x 1)]
RGB 2 in [BNC x 5 (RGB/YpPr/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)

Eco Filter

-

-

Yes

-

Daylight View Basic

-

Yes

Yes

P-in-P/Side-by-Side

Yes

ET-LAE300

ET-PKE200H (High ceiling mount bracket)
ET-PKE200S (Low ceiling mount bracket)
ET-PKE200B (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)

Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*9

PT-EX800Z



LCD Projector
7,500 lm XGA

• Available as a lens-less model.

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)]

RGB 1 in [D-sub HD 15-pin x 1 (RGB/YpPr/YCbCr x 1)]
RGB 2 in [BNC x 5 (RGB/YpPr/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-EX800ZL: approx. 9.8 kg/21.6 lbs)

Eco Filter

-

-

Yes

-

Daylight View Basic

-

Yes

Yes

P-in-P/Side-by-Side

Yes

ET-LAE300

ET-PKE200H (High ceiling mount bracket)
ET-PKE200S (Low ceiling mount bracket)
ET-PKE200B (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)

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 HDBaseT™ 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/RZ12K/RS11K/DZ21K2/DS20K2/DW17K2/DZ16K2/DZ780/DW750/DX820. 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

>>> panasonic.net/prodisplays/solutions/technology/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-EZ580



LCD Projector
5,400 lm WUXGA

• Available as a lens-less model.

PT-EW640



LCD Projector
5,800 lm WXGA

• Available as a lens-less model.

Optical	Panel type	19.0 mm (0.76 inches) LCD x 3	19.0 mm (0.76 inches) LCD x 3
	Aspect ratio	16:10	16:10
Optical	Lamp	335 W UHM	335 W UHM
	Brightness	5,400 lm	5,800 lm
	Lens (throw ratio)	F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) [PT-EZ580]	F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) [PT-EW640]
	Contrast (full on/full off)	5,000:1	5,000:1
	Resolution native/maximum*1	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)
Optical	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: ±10 % [powered]	Vertical: ±60 %, horizontal: ±10 % [powered]
Interface	Built-in speaker	10.0 W (monaural)	10.0 W (monaural)
	Terminals	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/YpPr/YCbCr x 1]] RGB 2 in [BNC x 5 (RGB/YpPr/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 [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 [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]	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/YpPr/YCbCr x 1]] RGB 2 in [BNC x 5 (RGB/YpPr/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 [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 [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]
General	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	Power consumption	510 W	495 W
General	Dimensions (W x H x D)	530 x 177*4 x 445 mm*5*6 [20-7/8 x 6-31/32*4 x 17-1/2 inches]*5*6	530 x 177*4 x 445 mm*5*6 [20-7/8 x 6-31/32*4 x 17-1/2 inches]*5*6
	Weight*3	Approx. 10.6 kg/23.4 lbs [PT-EZ580L: approx. 9.8 kg/21.6 lbs]	Approx. 10.6 kg/23.4 lbs [PT-EW640L: approx. 9.8 kg/21.6 lbs]
Features	Filter	Eco Filter	Eco Filter
	Intelligent Lamp Control	Yes	Yes
Features	Emulation	Yes	Yes
	Daylight View	Daylight View Basic	Daylight View Basic
Features	DICOM Simulation Mode	Yes	Yes
	Corner Keystone	Yes	Yes
Features	P-in-P/Side-by-Side	P-in-P/Side-by-Side	P-in-P/Side-by-Side
	Audio Out During Standby	Yes	Yes
Accessory	Replacement lamp	ET-LAE300	ET-LAE300
	Optional accessories	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-PKE200B*7 (Bracket assembly) ET-RFE300 (Replacement filter unit) 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-PKE200B*7 (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)
Accessory	Optional lens	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)
	Standard accessories	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*8	Power cord with power cord holder, wireless/wired 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: Height: with legs at shortest position. *5: Depth: including the lens.

PT-EW540



LCD Projector
5,000 lm WXGA

• Available as a lens-less model.

PT-EX610



LCD Projector
6,200 lm XGA

• Available as a lens-less model.

PT-EX510



LCD Projector
5,300 lm XGA

19.0 mm (0.76 inches) LCD x 3 16:10 335 W UHM 5,000 lm F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) [PT-EW540] 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: ±10 % [powered] 10.0 W (monaural) DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] RGB 2 in [BNC x 5 (RGB/YPbPr/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 [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 [M3 x 1] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	20.0 mm (0.79 inches) LCD x 3 4:3 335 W UHM 6,200 lm F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) [PT-EX610] 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] 10.0 W (monaural) 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/YPbPr/YCbCr x 1)] RGB 2 in [BNC x 5 (RGB/YPbPr/YCbCr x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] RGB 1 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr 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 [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]	20.0 mm (0.79 inches) LCD x 3 4:3 335 W UHM 5,300 lm F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) [PT-EX510] 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: ±10 % [powered] 10.0 W (monaural) DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] RGB 2 in [BNC x 5 (RGB/YPbPr/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 [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 [M3 x 1] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]
100-240 V AC, 50/60 Hz 485 W 530 x 177 ^{*4} x 445 mm ^{*5*6} (20-7/8 x 6-31/32 ^{*4} x 17-1/2 inches) ^{*5*6} Approx. 10.6 kg/23.4 lbs [PT-EW540L: approx. 9.8 kg/21.6 lbs]	100-240 V AC, 50/60 Hz 495 W 530 x 177 ^{*4} x 445 mm ^{*5*6} (20-7/8 x 6-31/32 ^{*4} x 17-1/2 inches) ^{*5*6} Approx. 10.6 kg/23.4 lbs [PT-EX610L: approx. 9.8 kg/21.6 lbs]	100-240 V AC, 50/60 Hz 485 W 530 x 177 ^{*4} x 445 mm ^{*5*6} (20-7/8 x 6-31/32 ^{*4} x 17-1/2 inches) ^{*5*6} Approx. 10.6 kg/23.4 lbs [PT-EX510L: approx. 9.8 kg/21.6 lbs]
Eco Filter Yes 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-PKE200B ^{*7} (Bracket assembly) ET-RFE300 (Replacement filter unit)	Eco Filter Yes 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-PKE200B ^{*7} (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	Eco Filter Yes 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-PKE200B ^{*7} (Bracket assembly) ET-RFE300 (Replacement filter unit)
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 ^{*8}	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 ^{*8}	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 ^{*8}

^{*6}: Depth: 385 mm (15-5/32 inches) for the lens-less models. ^{*7}: Compatible with ET-PKE200H and ET-PKE200S.

^{*8}: CD-ROM includes Logo Transfer Software and Multi Projector Monitoring and Control Software.

Installation

PT-FW430



PT-FX400



Optical	Panel type	18.9 mm [0.74 inches] LCD x 3	20.3 mm [0.8 inches] LCD x 3
	Aspect ratio	16:10	4:3
	Lamp	250 W UHM	250 W UHM
	Brightness	3,500 lm	4,000 lm
	Lens (throw ratio)	F 1.7-2.6, f 21.6-43.0 mm (1.34-2.68:1)	F 1.7-2.6, f 24.0-47.2 mm (1.48-2.96:1)
	Contrast (full on/full off)	600:1	600:1
	Resolution native/maximum*1	WXGA [1,280 x 800]/WUXGA [1,920 x 1,200]	XGA [1,024 x 768]/WUXGA [1,920 x 1,200]
	Screen size (diagonal)*2	0.84-7.62 m [33-300 inches]	0.84-7.62 m [33-300 inches]
	Lens shift	Vertical ± 51 %, horizontal ± 24 % [manual]	Vertical ± 50 %, horizontal ± 27 % [manual]
Interface	Built-in speaker	5.0 W [monaural]	5.0 W [monaural]
	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] S-Video in [Mini-DIN 4-pin 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)] Wireless module input terminal [for optional ET-WM200 x 1]	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] S-Video in [Mini-DIN 4-pin 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)] Wireless module input terminal [for optional ET-WM200 x 1]
	Power supply	100-240 V AC, 3.9-1.4 A, 50/60 Hz	100-240 V AC, 3.9-1.4 A, 50/60 Hz
	Power consumption	330 W	330 W
	Dimensions (W x H x D)	430 x 125.5*5 x 323 mm [16-15/16 x 4-15/16*5 x 12-23/32 inches]	430 x 125.5*5 x 323 mm [16-15/16 x 4-15/16*5 x 12-23/32 inches]
	Weight*3	Approx. 6.0 kg/13.2 lbs	Approx. 6.0 kg/13.2 lbs
	Filter	Eco Filter	Eco Filter
	Emulation	Yes	Yes
Features	Daylight View	Daylight View Premium	Daylight View Premium
	Detail Clarity Processor	Detail Clarity Processor 3	Detail Clarity Processor 3
	DICOM Simulation Mode	-	-
	Corner Keystone	-	-
	P-in-P/Side-by-Side	Side-by-Side	-
	Wireless Ready	Wireless Manager*4, iOS*4, Android*4	Wireless Manager*4, iOS*4, Android*4
	Audio Out During Standby	Yes	Yes
	Replacement lamp	ET-LAF100A	ET-LAF100A
Accessory	Optional accessories	ET-PKF110H (High ceiling mount bracket) ET-PKF110S (Low ceiling mount bracket) ET-EMF100 (Replacement filter unit) ET-WM200 (Wireless module)	ET-PKF110H (High ceiling mount bracket) ET-PKF110S (Low ceiling mount bracket) ET-EMF100 (Replacement filter unit) ET-WM200 (Wireless module)
	Standard accessories	Power cord, wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager)	Power cord, wireless remote control unit, batteries for remote control unit, 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.

Projection your PC's screen via Wireless

No need the cable
in your Presentation!



World's First Intel® Pro WiDi Supported*

For Win



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. As a display device for commercial use and a receiver supporting Intel® Pro WiDi. As of December 2015.

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.

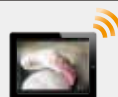
Wireless Projection Using Panasonic's Original Software

Wireless Projector for iOS / Android

For iOS

For Android

These Apps allow wireless projection from tablet devices or smartphones. They can both be downloaded for free, the iOS version from the AppStore, and the Android version from Google Play.



Wireless Manager ME Software

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.

Easy Wireless Stick (ET-UW100)

Option

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/VW535N/VX605N and PT-VW355N/VX425N.

For more information, please visit the website >> panasonic.net/avc/projector/

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

*4: To operate wireless projection, the optional wireless module ET-WM200 is required.

*5: Height: with legs at shortest position.

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]
Optical	Screen size (diagonal)*2	0.76-7.62 m [30-300 inches]	0.76-7.62 m [30-300 inches]
	Lens shift	Vertical: +44 % [manual]	Vertical: +44 % [manual]
Interface	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/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]
General	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
Features	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	-
Accessory	Audio Out During Standby	Yes	Yes
	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]
Accessory	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

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]	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]	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/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]	10.0 W [monaural] 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]	10.0 W [monaural] 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]
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 125 ^{*4} x 332 mm [15-5/16 x 4-29/32 ^{*4} 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	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 125 ^{*4} x 332 mm [15-5/16 x 4-29/32 ^{*4} 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 Yes	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 125 ^{*4} x 332 mm [15-5/16 x 4-29/32 ^{*4} 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 Yes
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]	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]	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]

*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



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
Optical	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]
Optical	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]
Interface	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/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]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/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]
General	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)	389 x 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
Features	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
Accessory	Audio Out During Standby	Yes	Yes
	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)
Accessory	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	PT-VX425N	PT-VX420
		
LCD Projector 4,000 lm WXGA	LCD Projector 4,500 lm XGA  	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/YPbPr/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/YPbPr/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/YPbPr/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	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
320 W	320 W	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	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	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	Pleated Micro Cut Filter	Pleated Micro Cut Filter
-	-	-
Daylight View Basic	Daylight View Basic	Daylight View Basic
Yes	Yes	Yes
-	-	-
-	Yes	-
P-in-P/Side-by-Side	-	-
-	Intel® Pro WiDi, Miracast™, Wireless Manager, iOS, Android	-
-	Yes	-
-	Yes	-
Yes	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)

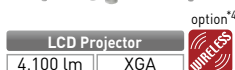
*4: Height: with legs at shortest position.

*5: Depth: protruding parts not included.

Portable

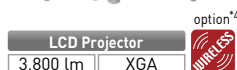
PT-LB412

NEW



PT-LB382

NEW



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
Optical	Lamp	230 W UHM	230 W UHM
	Brightness	4,100 lm	3,800 lm
Optical	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
Optical	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]
Optical	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/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]	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]
General	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	Power consumption	300 W	300 W
General	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
Features	Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter
	Emulation	-	-
Features	Daylight View	Daylight View Lite	Daylight View Lite
	Corner Keystone	Yes	Yes
Features	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
Features	USB Memory Viewer	Yes	Yes
	USB Display	Yes	Yes
Features	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)
Accessory	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]

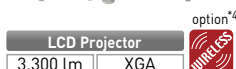
*1: Input signals that exceed the native resolution will be converted to the native resolution.

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

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

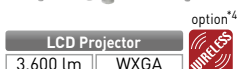
PT-LB332

NEW



PT-LW362

NEW



PT-LW312

NEW



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*4*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*4*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*4*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

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]
Interface	Lens shift	6:1 (fixed)	6:1 (fixed)
	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/YPbPr/YCbCr /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/YPbPr/YCbCr /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)]
	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
	Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter
Features	Emulation	-	-
	Daylight View	Daylight View Lite	Daylight View Lite
	Corner Keystone	-	-
	Wall Colour Setting	Yes	Yes
	Audio Out During Standby	-	-
	Replacement lamp	ET-LAL500	ET-LAL500
Accessory	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.

Case Studies

From world-class professional equipment for the rental and staging industry to cutting-edge projection for many business applications, Panasonic Visual System Solutions are integrated into operations across many sectors, exceeding the expectations of specialists looking to achieve unforgettable visual impact, while driving productivity and efficiency.

A bright start to Bucharest's anniversary celebrations

104 Panasonic projectors were used for one of the world's largest architectural video mapping shows to celebrate the 555th anniversary of Bucharest. Projecting onto a building the size of the Palace of Parliament requires seriously high-quality resolution, durability and energy efficiency; Panasonic's T-DZ21K model offered the perfect solution.



“ We chose the DZ21K mostly because we liked its resolution, its remote control capabilities, its stability and the fact that the projector is so energy efficient. ”

Adrian Pochiscan

Technical Director, 360 Revolution



Displaying a bright future at Kingston University

Following the successful installation of 170 Panasonic laser/LED projectors across the university's lecture and seminar rooms, Kingston has purchased 60 Panasonic professional displays for a digital rollout across all five campus sites.

This innovative digital signage project will include 50" TH-50LFE7E, 65" TH-65LFE7E and 47" TH-47LFE6W displays, and will allow content to be both easily managed and presented clearly and cost effectively.

“ We have been delighted with the laser projectors and the implementation of the digital signage projects will significantly improve information sharing and communication across the university. ”

Simon Harrison

Chief Information Officer at Kingston University

Short Throw

PT-CW331R



1-Chip DLP™ Projector
3,100 lm WXGA Interactive ED PROFESSIONAL

PT-CW330



1-Chip DLP™ Projector
3,100 lm WXGA ED PROFESSIONAL

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
Optical	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)
Optical	Screen size (diagonal)*2	1.78-2.54 m (70-100 inches)	1.78-2.54 m (70-100 inches)
	Lens shift	-	-
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/YPbPr/YCbCr x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr 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/YPbPr/YCbCr x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr 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]
General	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	Power consumption	340 W	340 W
General	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	-	-
Features	Curved Screen Correction	-	-
	3D Ready	Yes	Yes
Features	Interactive Function	Yes	-
	Wireless Ready	-	-
Features	USB Memory Viewer	-	-
	USB Display	-	-
Features	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)
Accessory	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.

PT-TW343R

NEW

PT-TW342

NEW



LCD Projector
3,300 lm WXGA



option*5



LCD Projector
3,300 lm WXGA

option*5



15.0 mm [0.59 inches] LCD x 3 16:10 230 W UHM 3,300 lm F 1.8, f 6.08 mm [0.46:1] 12,000:1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) 1.27-2.54 m [50-100 inches] 7.25:1 (fixed)	15.0 mm [0.59 inches] LCD x 3 16:10 230 W UHM 3,300 lm F 1.8, f 6.08 mm [0.46:1] 12,000:1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) 1.27-2.54 m [50-100 inches] 7.25:1 (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] Mini USB [Mini USB x 1, for interactive function]	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 134.1*4 x 329 mm [13-3/16 x 5-9/32*4 x 12-15/16 inches] Approx. 3.9 kg/8.6 lbs	100-240 V AC, 50/60 Hz 300 W 335 x 134.1*4 x 329 mm [13-3/16 x 5-9/32*4 x 12-15/16 inches] Approx. 3.9 kg/8.6 lbs
Daylight View Lite Yes Yes - Yes Presenter light*5, VueMagic™ Pro for iOS/Android*5*6 Yes Yes -	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] ET-PEN100 [Interactive pen] ET-PNT100 [Interactive pointer]	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, 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]

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

*4: Height: with legs at shortest position.

Short Throw

PT-TX402

NEW



LCD Projector
3,800 lm XGA



PT-TX312

NEW



LCD Projector
3,200 lm XGA



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
Optical	Lamp	230 W UHM	230 W UHM
	Brightness	3,800 lm	3,200 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
	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)
Optical	Screen size (diagonal)*2	1.27-2.54 m [50-100 inches]	1.27-2.54 m [50-100 inches]
	Lens shift	21:1 (fixed)	21:1 (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]
General	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	Power consumption	300 W	300 W
General	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]
	Weight*3	Approx. 3.9 kg/8.6 lbs	Approx. 3.9 kg/8.6 lbs
Features	Daylight View	Daylight View Lite	Daylight View Lite
	Corner Keystone	Yes	Yes
Features	Curved Screen Correction	Yes	Yes
	3D Ready	-	-
Features	Interactive Function	-	-
	Wireless Ready	Presenter light*5, VueMagic™ Pro for iOS/Android*5*6	Presenter light*5, VueMagic™ Pro for iOS/Android*5*6
Features	USB Memory Viewer	Yes	Yes
	USB Display	Yes	Yes
Features	Audio Out During Standby	-	-
	Replacement lamp	ET-LAL500	ET-LAL500
Accessory	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-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, software CD-ROM (Multi Projector Monitoring and Control Software)	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. *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.

Lighting

PT-JW130



1-Chip DLP™ Projector

1,000 lm

WXGA

Key Features

Redefine space design.
Create new possibilities.

Space Player

Lighting and Laser Projection

Turn your creative ideas into reality through expressive lighting and animation.

Complete flexibility



Until now, lighting has simply involved illuminating objects on display. But with the Space Player, you can customise the shape and colour of light. Spotlight merchandise and project product-specific information for more engaging and appealing displays. You can even play video or project and animate logos in brightly lit rooms.

Advantages

Spotlight shaped design

Ideal for environments in which design is key. The device is available in white or black.

Easy installation

Easy to install and re-install in different locations using standard lighting rails.

Laser projection

The use of laser light source means 20,000 hours of maintenance free operation.

Flexible projection

The Space Player can project in all directions below its horizontal axis.

Compatible with standard players

The Space Player is compatible with following image input via SD card, HDMI and wireless LAN*

* Videos cannot be played via wireless LAN.

Optical

Panel type	11.4mm (0.45 inches) DLP chip x1
Aspect ratio	16:10
Lamp/light source	- / Laser diode
Brightness	1,000 lm*5
Lens (throw ratio)	F 2.0-2.7, f 15.2-32.7mm (1.5-3.3:1)
Contrast (full on/full off)	1000:1
Resolution native/maximum*1	1,280 x 800 / 1,600 X 900
Screen size (diagonal)*2	0.76-5.08m (30-200 inches)
Keystone correction	-

Interface

Built-in speaker	-
Terminals	HDMI IN: HDMI 19-pin x 1 (compatible with HDCP) LAN: RJ-45 x 1 for network connection, 100Base-TX, 10Base-T, compatible with PLink™ (Class 1) Audio out (M3 x (L-R x 1)) DC out USB connector (type A) x 1, for power supply

General

Power supply	100-240 V AC 60Hz (for use with 120V track system)
Power consumption	125W
Dimensions (W x H x D) (Including mounting unit)	150mm x 333mm x 458mm
Weight*3	Approx. 3.2 kg/7.1 lbs

Features

Zoom	Motor driven
Focus	Motor driven
Corner keystone	Yes
Wireless ready	Miracast, Wireless Manager, iOS, Android
SD Card video / still picture playback	Yes
Maintenance-free duration	20,000 hrs

Accessory

Replacement lamp	-
Optional accessories	ET-JPC100WE (ceiling mount kit white)* ET-JPC100BE (ceiling mount kit black)* ET-JPF100WE (floor stand kit white)* ET-JPF100BE (floor stand kit black)*
Standard accessories	Adapter, Connector secure lock, Adaptor cover, Allen wrench, String, Wireless remote control, Batteries for remote control (AAA/R03 or AAA/LR03 x 2), Card slot cap, HDMI terminal cap, LAN terminal cap, Software CD-ROM

* Ceiling mount and floor stand are only compatible with PT-JW130FWE / PT-JW130FBE and not PT-JW130GWE / PT-JW130GBE

Large-Venue

Installation

Portable

Short Throw

Lighting

Home Cinema

Home Cinema

PT-AT6000



LCD Projector
2,400 lm **3D FULL HD**

PT-AH1000



LCD Projector
2,800 lm **3D FULL HD**

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* ⁴	2,800 lm* ⁴
	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* ⁵	50,000:1* ⁵
	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 %* ⁶	Vertical: ±65 %, horizontal: ±26 %* ⁶
Interface	Built-in speaker	-	-
	Terminals	HDMI in [HDMI 19-pin x 3 (HDCP/HD/AVI Control Version 5 compliant)] Computer in [D-sub HD 15-pin x 1 (RGB/Y/PbPr/YCaCr x 1)] Component in [Pin jack x 3 (YPbPr/YCaCr 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/HD/AVI Control Version 5 compliant)] Computer in [D-sub HD 15-pin x 1 (RGB/Y/PbPr/YCaCr x 1)] Component in [Pin jack x 3 (YPbPr/YCaCr 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* ⁷ x 364 mm (18-17/32 x 5-15/16* ⁷ x 14-11/32 inches)	470 x 151* ⁷ x 380 mm (18-17/32 x 5-15/16* ⁷ 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: In Dynamic mode, with dynamic iris on. *5: In Cinema 1 mode, with dynamic iris on. *6: Shift range is limited during simultaneous horizontal and vertical shifting. *7: Height: with legs at shortest position.

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, colour, and brightness according to the shape of the screen through use of an externally connected camera.

Compatible Projector Models

	PT- RQ13K	PT- RZ12K	PT- RS11K	PT- DZ21K2	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



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All information included here is valid as of January 2016.