

**Panasonic**

LARGE-VENUE

INSTALLATION

PORTABLE

SHORT THROW

HOME CINEMA



# PROJECTOR LINEUP

FEBRUARY 2015



# Large-Venue

Rental/Staging	Auditorium	Museum/Exhibition	Control Room	Digital Signage	Houses of Worship/Church
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3-Chip DLP™

**PT-DZ21K**

WIRED LAN WIDE 3D PROFESSIONAL Portrait

20,000 lm WUXGA

- Geometric Adjustment
- Lens Memory
- Eco Filter

**PT-DS20K**

WIRED LAN 3D PROFESSIONAL Portrait

20,000 lm SXGA+

- Geometric Adjustment
- Lens Memory
- Eco Filter

**PT-DW17K**

WIRED LAN WIDE 3D PROFESSIONAL Portrait

17,000 lm WXGA

- Lens Memory
- Eco Filter

**PT-DZ16K**

WIRED LAN WIDE

16,000 lm Full HD

- Geometric Adjustment
- Lens Memory
- Eco Filter



3-Chip DLP™

**PT-DZ13K**

WIRED LAN WIDE 3D PROFESSIONAL Portrait

12,000 lm WUXGA

- Geometric Adjustment
- Lens Memory
- Eco Filter

**PT-DS12K**

WIRED LAN 3D PROFESSIONAL Portrait

12,000 lm SXGA+

- Geometric Adjustment
- Lens Memory
- Eco Filter

**PT-DW11K**

WIRED LAN WIDE 3D PROFESSIONAL Portrait

11,000 lm WXGA

- Lens Memory
- Eco Filter

**PT-DZ10K**

WIRED LAN WIDE 3D PROFESSIONAL Portrait

10,600 lm WUXGA

- Geometric Adjustment
- Lens Memory
- Eco Filter

Rental/Staging	Auditorium	Houses of Worship/Church
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LCD

**PT-EX16K**

WIRED LAN Pure Colour

16,000 lm XGA

- Pure Colour Control
- Corner Keystone



LCD

**PT-EX12K**

WIRED LAN Pure Colour

13,000 lm XGA

- Pure Colour Control
- Corner Keystone
- Eco Filter

## Installation

Museum/Exhibition	Simulation	Control Room	Digital Signage	Seminar Room/Lecture Room
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1-Chip DLP™

**PT-DZ870**

DIGITAL LINK WIRED LAN WIDE 3D PROFESSIONAL Portrait

8,500 lm WUXGA

- Dynamic RGB Booster
- Dust Resistant Optics
- Geometric Adjustment
- Available as lens-less model

**PT-DW830**

DIGITAL LINK WIRED LAN WIDE 3D PROFESSIONAL Portrait

8,500 lm WXGA

- Dynamic RGB Booster
- Dust Resistant Optics
- Available as lens-less model

**PT-DX100**

DIGITAL LINK WIRED LAN 3D PROFESSIONAL Portrait

10,000 lm XGA

- Dynamic RGB Booster
- Dust Resistant Optics
- Available as lens-less model



1-Chip DLP™

**PT-DZ770K**

WIRED LAN WIDE

7,000 lm WUXGA

- RGB Booster
- Eco Filter
- Available as lens-less model



1-Chip DLP™

**PT-DW740S**

WIRED LAN WIDE

7,000 lm WXGA

- RGB Booster
- Eco Filter
- Available as lens-less model

**PT-DX810S**

WIRED LAN

8,200 lm XGA

- RGB Booster
- Eco Filter
- Available as lens-less model

**NEW**  
SOLID SHINE



1-Chip DLP™

**PT-RZ670**

DIGITAL LINK WIRED LAN WIDE

6,500 lm WUXGA

- Laser light source
- 20,000 hours maintenance-free
- 360° projection
- Available as lens-less model

**PT-RW630**

DIGITAL LINK WIRED LAN WIDE

6,500 lm WXGA

- Laser light source
- 20,000 hours maintenance-free
- 360° projection
- Available as lens-less model



1-Chip DLP™

**PT-DZ680**

WIRED LAN WIDE

6,000 lm WUXGA

[Available in silver/black cabinet]

- RGB Booster
- Eco Filter
- Available as lens-less model

**PT-DW640**

WIRED LAN WIDE

6,000 lm WXGA

[Available in silver/black cabinet]

- RGB Booster
- Eco Filter
- Available as lens-less model

**PT-DX610**

WIRED LAN

6,500 lm XGA

[Available in silver/black cabinet]

- RGB Booster
- Eco Filter
- Available as lens-less model

DZ870 series and RZ670 series are all available in black and white cabinet. DZ770 series comes with black and silver cabinet.

## Seminar Room/Lecture Room

## Boardroom



1-Chip DLP™

## PT-DZ570



4,000 lm WUXGA

- RGB Booster
- 2x Zoom lens

## PT-DW530



4,000 lm WXGA

- RGB Booster
- 2x Zoom lens

## PT-DX500



4,500 lm XGA

- RGB Booster
- 2x Zoom lens

## Museum/Exhibition

## Control Room

## Digital Signage

SOLID SHINE



1-Chip DLP™

## PT-RZ470



3,500 lm Full HD

- (Available in white/black cabinet)
- No lamp/filter replacement
- DIGITAL LINK-ready
- Portrait mode capability

## PT-RW430



3,500 lm WXGA

- (Available in white/black cabinet)
- No lamp/filter replacement
- DIGITAL LINK-ready
- Portrait mode capability

## Seminar Room/Lecture Room

## Meeting Room

SOLID SHINE



1-Chip DLP™

## PT-RZ370



3,500 lm Full HD

- No lamp/filter replacement
- DIGITAL LINK-ready

## PT-RW330



3,500 lm WXGA

- No lamp/filter replacement
- DIGITAL LINK-ready

## Seminar Room/Lecture Room

## Boardroom



LCD

## PT-EZ770Z



6,500 lm WUXGA

- DIGITAL LINK-ready
- Daylight View Basic
- Eco Filter
- Available as lens-less model

## PT-EW730Z



7,000 lm WXGA

- DIGITAL LINK-ready
- Daylight View Basic
- Eco Filter
- Available as lens-less model

## PT-EX800Z



7,500 lm XGA

- DIGITAL LINK-ready
- Daylight View Basic
- Eco Filter
- Available as lens-less model



LCD

## PT-EZ580



5,400 lm WUXGA

- DIGITAL LINK-ready
- Daylight View Basic
- Eco Filter
- Available as lens-less model

## PT-EW640



5,800 lm WXGA

- DIGITAL LINK-ready
- Daylight View Basic
- Eco Filter
- Available as lens-less model

## PT-EW540



5,000 lm WXGA

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

## PT-EX610



6,200 lm XGA

- DIGITAL LINK-ready
- Daylight View Basic
- Eco Filter
- Available as lens-less model

## PT-EX510



5,300 lm XGA

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

## Detachable Short Throw Lenses

NEW



## 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 2.13 m distance)\*5.

\*2: To operate wireless projection, the optional wireless module ET-WM200 is required. \*3: This is the distance from the tip of the lens to the screen when using PT-DZ21K. The projection distance differs depending on the projector used.

\*4: This is the distance from the tip of the lens to the screen when using PT-DZ870. The projection distance differs depending on the projector used. \*5: This is the distance from the tip of the lens to the screen when using PT-EZ770Z/PT-E2580. The projection distance differs depending on the projector used.



LCD

## PT-FW430



3,500 lm

WXGA

- 2x Zoom lens
- Eco Filter

## PT-FX400



4,000 lm

XGA

- 2x Zoom lens
- Eco Filter

## Portable

Medium to Small Classrooms

Meeting Room

NEW



LCD

## PT-VZ575N



4,800 lm

WUXGA

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

## 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
- DIGITAL LINK-ready

## 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
- DIGITAL LINK-ready
- 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-VW345NZ



3,700 lm

WXGA

- Miracast™ compatible
- 1.6x Zoom lens
- Easy setting function

## PT-VW340Z



3,700 lm

WXGA

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

## PT-VX415NZ



4,200 lm

XGA

- Miracast™ compatible
- 1.6x Zoom lens
- Easy setting function

## PT-VX410Z



4,200 lm

XGA

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



LCD

## PT-VX42Z



4,000 lm

XGA

- 1.2x Zoom lens
- Built-in 10W speaker

Small Classroom

Meeting Room



LCD

## PT-LW330



3,300 lm

WXGA

- Daylight View Lite
- Built-in 10W speaker
- HDMI

## PT-LB360



3,700 lm

XGA

- Daylight View Lite
- Built-in 10W speaker
- HDMI

## PT-LB330



3,300 lm

XGA

- Daylight View Lite
- Built-in 10W speaker
- HDMI

## PT-LB280



2,800 lm

XGA

- Daylight View Lite
- Built-in 2W speaker
- HDMI

## Short Throw

Small Classroom

Meeting Room



\* Featured image: PT-TW341R

LCD

### PT-TW341R



3,200 lm    WXGA

- Daylight View Lite
- Built-in 10W speaker
- HDMI
- Interactive

### PT-TW340



3,200 lm    WXGA

- Daylight View Lite
- Built-in 10W speaker
- HDMI

### PT-TW250



2,800 lm    WXGA

- Daylight View Lite
- Built-in 10W speaker
- HDMI

### PT-TX400



3,500 lm    XGA

- Daylight View Lite
- Built-in 10W speaker
- HDMI

## 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 Harmoniser 3

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

### Turnkey Solution for Multi-Window Presentations



Optional Accessory

#### 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.

\* When the optional DIGITAL LINK board is mounted.

### All-in-One Connectivity



Optional Accessory

#### Digital Interface Box ET-YFB100G (optional)

Equipped with a DIGITAL LINK output terminal. Allows transmission of HDMI, uncompressed HD digital video, audio and control signals (Ethernet, RS-232C) for up to 100 meters (328 feet) through a single CAT5e (STP) cable or higher.

### Early Warning Software



#### Software ET-SWA100 (optional)

The ET-SWA100 Early Warning Software monitors projectors and displays connected to an intranet and informs you when an abnormality is detected or predicted\*, and when there are symptoms of trouble

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

For more information, please visit the website>> [business.panasonic.co.uk/visual-system](http://business.panasonic.co.uk/visual-system)

# Large-Venue

## PT-DZ21K



3-Chip DLP™ Projector

20,000 lm	WUXGA
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WIRED LAN Portrait

\* Lens sold separately.

## PT-DS20K



3-Chip DLP™ Projector

20,000 lm	SXGA+
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WIRED LAN Portrait

\* Lens sold separately.

Optical	PT-DZ21K	PT-DS20K
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
Lamp	465 W UHM x 4	465 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)*5	1.78-25.4 m (70-1,000 inches)*5
Lens shift	Vertical: ±55%*4, horizontal: ±20%*4 (powered)	Vertical: ±50%*11, horizontal: ±30%*11 (powered)
Interface	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 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPbPr/YCaCa x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCa 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)]	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 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPbPr/YCaCa x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCa 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)]
General	Power supply: 200-240 V AC, 12 A, 50/60 Hz Power consumption: 2,300 W Dimensions (W x H x D): 620 x 291*7 x 800 mm*8 (24-7/16 x 11-15/32*7 x 31-1/2 inches)*8 Weight*3: Approx. 43 kg/94.8 lbs	Power supply: 200-240 V AC, 12 A, 50/60 Hz Power consumption: 2,300 W Dimensions (W x H x D): 620 x 291*7 x 800 mm*8 (24-7/16 x 11-15/32*7 x 31-1/2 inches)*8 Weight*3: Approx. 43 kg/94.8 lbs
Features	Filter: Eco Filter Edge Blending: Yes Geometric Adjustment: Yes (Optional upgrade kit available) Multi-Unit Brightness Control: Yes Portrait mode: Yes*4 Daylight View: System Daylight View 2 Detail Clarity Processor: Detail Clarity Processor 3 DICOM Simulation Mode: Yes P-in-P: Yes	Filter: Eco Filter Edge Blending: Yes Geometric Adjustment: Yes (Optional upgrade kit available) Multi-Unit Brightness Control: Yes Portrait mode: Yes*4 Daylight View: System Daylight View 2 Detail Clarity Processor: Detail Clarity Processor 3 DICOM Simulation Mode: Yes P-in-P: Yes
Accessory	Replacement lamp: ET-LAD510/ET-LAD510F (4 units) ET-LAD510P/ET-LAD510PF (for portrait mode) Optional accessories: ET-PKD510H (High ceiling mount bracket) ET-PKD510S (Low ceiling mount bracket) ET-PFD510 (Frame) ET-EMF510 (Replacement filter unit) ET-SFR510 (Smoke cut filter) ET-UK20 (Upgrade kit with Geometry Manager Pro) ET-CUK10*9 (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 (Fixed-focus lens, 0.7:1) ET-D75LE90 (Fixed-focus lens, 0.36:1)	Replacement lamp: ET-LAD510/ET-LAD510F (4 units) ET-LAD510P/ET-LAD510PF (for portrait mode) Optional accessories: ET-PKD510H (High ceiling mount bracket) ET-PKD510S (Low ceiling mount bracket) ET-PFD510 (Frame) ET-EMF510 (Replacement filter unit) ET-SFR510 (Smoke cut filter) ET-UK20 (Upgrade kit with Geometry Manager Pro) ET-CUK10*9 (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, 2.6-5.1:1) ET-D75LE40 (Zoom lens, 5.0-8.0:1) ET-D75LE8 (Zoom lens, 7.9-15.0:1) ET-D75LE50 (Fixed-focus lens, 0.8:1) ET-D75LE90 (Fixed-focus lens, 0.39:1)
	Standard accessories: Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*10	Standard accessories: Power cord, 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: Average value. Each product has an individual variable in weight.

\*4: Mounting the optional lamp unit for portrait mode and updating the projector's firmware to MAIN Ver. 2.00 or later are required. \*5: 1.78-15.24 m (70-600 inches) with the ET-D75LE8.

\*6: Vertical: ±44% and horizontal: ±15% with the ET-D75LE6. \*7: Height: with legs at shortest position. \*8: Depth: lens not included. \*9: Available for use worldwide except in the United States.

## PT-DW17K



\* Lens sold separately.

21.6 mm (0.85 inches) DLP™ chip x 3  
16:9  
465 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)<sup>15</sup>  
Vertical: ±70%<sup>12</sup>, horizontal: ±30%<sup>12</sup> (powered)  
DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))]  
HDMI in [HDMI 19-pin x 1 (HDCP compatible)]  
RGB 1 in [BNC x 5 (RGB/YPaPb/YCaCx x 1)]  
RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPaPb/YCaCx 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)]

200-240 V AC, 12 A, 50/60 Hz

2,300 W  
620 x 291<sup>17</sup> x 800 mm<sup>18</sup>  
(24-7/16 x 11-15/32<sup>17</sup> x 31-1/2 inches)<sup>18</sup>  
Approx. 43 kg/94.8 lbs

Eco Filter

Yes

-

Yes

Yes<sup>4</sup>

System Daylight View 2

Detail Clarity Processor 3

Yes

Yes

ET-LAD510/ET-LAD510F (4 units)

ET-LAD510P/ET-LAD510PF (for portrait mode)

ET-PKD510H (High ceiling mount bracket)

ET-PKD510S (Low ceiling mount bracket)

ET-PFD510 (Frame)

ET-EMF510 (Replacement filter unit)

ET-SFR510 (Smoke cut filter)

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 (Fixed-focus lens, 0.8:1)  
ET-D75LE90 (Fixed-focus lens, 0.40:1)

Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM<sup>10</sup>

## PT-DZ16K



\* Lens sold separately.

24.1 mm (0.95 inches) DLP™ chip x 3  
16:9  
420 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)<sup>15</sup>  
Vertical: ±60%<sup>13</sup>, horizontal: ±20%<sup>13</sup> (powered)  
SDI in [BNC x 1 (3G/HD/SD-SDI x 1)]  
DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))]  
HDMI in [HDMI 19-pin x 1 (HDCP compatible)]  
RGB 1 in [BNC x 5 (RGB/YPaPb/YCaCx x 1)]  
RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPaPb/YCaCx 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)]

200-240 V AC, 11.5 A, 50/60 Hz

2,150 W  
620 x 291<sup>17</sup> x 800 mm<sup>18</sup>  
(24-7/16 x 11-15/32<sup>17</sup> x 31-1/2 inches)<sup>18</sup>  
Approx. 43 kg/94.8 lbs

Eco Filter

Yes

Yes

Yes

-

System Daylight View 2

Detail Clarity Processor 3

Yes

Yes

ET-LAD510/ET-LAD510F (4 units)

ET-PKD510H (High ceiling mount bracket)

ET-PKD510S (Low ceiling mount bracket)

ET-PFD510 (Frame)

ET-EMF510 (Replacement filter unit)

ET-SFR510 (Smoke cut filter)

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 (Fixed-focus lens, 0.7:1)  
ET-D75LE90 (Fixed-focus lens, 0.36:1)

Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM<sup>10</sup>

## PT-DZ13K



\* Lens sold separately.

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)<sup>15</sup>  
Vertical: ±55%<sup>14</sup>, horizontal: ±20%<sup>14</sup> (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 (DVI-D x 1 (HDCP compatible))]  
HDMI in [HDMI 19-pin x 1 (HDCP compatible)]  
RGB 1 in [BNC x 5 (RGB/YPaPb/YCaCx x 1)]  
RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPaPb/YCaCx 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, 9.3 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<sup>17</sup> x 548.5 mm<sup>18</sup>  
(20-7/8 x 7-7/8<sup>17</sup> x 21-19/32 inches)<sup>18</sup>  
Approx. 24 kg/52.9 lbs

Eco Filter

Yes

Yes (Optional upgrade kit available)

Yes

Yes<sup>4</sup>

System Daylight View 2

Detail Clarity Processor 3

Yes

Yes

ET-LAD310A/ET-LAD310AW (2 units)

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

ET-PK310H (High ceiling mount bracket)

ET-PK310S (Low ceiling mount bracket)

ET-PA310 (Attachment for ceiling mount bracket)

ET-PFD310 (Frame)

ET-EMF320 (Replacement filter unit)

ET-SFD320 (Smoke cut filter)

ET-UK20 (Upgrade kit with Geometry Manager Pro)

ET-CUK10<sup>9</sup> (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 (Fixed-focus lens, 0.7:1)  
ET-D75MC1 (Lens motor cover)  
ET-D75LE90 (Fixed-focus lens, 0.36:1)

Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM<sup>10</sup>

<sup>10</sup> CD-ROM includes Logo transfer software and Multi projector monitoring and control software. <sup>11</sup> Vertical: ±40% and horizontal: ±20% with the ET-D75LE6.

<sup>12</sup> Vertical: ±60% and horizontal: ±20% with the ET-D75LE6. <sup>13</sup> Vertical: ±50% and horizontal: ±15% with the ET-D75LE6.

# Large-Venue

## PT-DS12K



3-Chip DLP™ Projector		WIRED LAN	*4	Portrait
12,000 lm	SXGA+			

\* Lens sold separately.

## PT-DW11K



3-Chip DLP™ Projector		WIRED LAN	*4	Portrait
11,000 lm	WXGA			

\* Lens sold separately.

	PT-DS12K	PT-DW11K	
Optical	<b>Panel type</b>	24.1 mm (0.95 inches) DLP™ chip x 3	21.6 mm (0.85 inches) DLP™ chip x 3
	<b>Aspect ratio</b>	4:3	16:9
	<b>Lamp</b>	380 W UHM x 2	380 W UHM x 2
	<b>Brightness</b>	12,000 lm	11,000 lm
	<b>Contrast (full on/full off)</b>	10,000:1	10,000:1
Interface	<b>Resolution native/maximum*1</b>	SXGA+ (1,400 x 1,050)/WUXGA (1,920 x 1,200)	WXGA (1,366 x 768)/WUXGA (1,920 x 1,200)
	<b>Screen size (diagonal)*2</b>	1.78-25.4 m (70-1,000 inches)*5	1.78-25.4 m (70-1,000 inches)*5
	<b>Lens shift</b>	Vertical: ±50 %*4, horizontal: ±30 %*4 (powered)	Vertical: ±70 %*10, horizontal: ±30 %*10 (powered)
	<b>Terminals</b>	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 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPbPr/YCaCex x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCex 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 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPbPr/YCaCex x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCex 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)]
	<b>Power supply</b>	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
Features	<b>Power consumption</b>	980 W (120 V AC)/950 W (220-240 V AC)	980 W (120 V AC)/950 W (220-240 V AC)
	<b>Dimensions (W x H x D)</b>	530 x 200*7 x 548.5 mm*8 (20-7/8 x 7-7/8*7 x 21-19/32 inches)*8	530 x 200*7 x 548.5 mm*8 (20-7/8 x 7-7/8*7 x 21-19/32 inches)*8
	<b>Weight*3</b>	Approx. 24 kg/52.9 lbs	Approx. 24 kg/52.9 lbs
	<b>Filter</b>	Eco Filter	Eco Filter
	<b>Edge Blending</b>	Yes	Yes
Accessory	<b>Geometric Adjustment</b>	Yes (Optional upgrade kit available)	-
	<b>Multi-Unit Brightness Control</b>	Yes	Yes
	<b>Portrait mode</b>	Yes*4	Yes*4
	<b>Daylight View</b>	System Daylight View 2	System Daylight View 2
	<b>Detail Clarity Processor</b>	Detail Clarity Processor 3	Detail Clarity Processor 3
Replacement lamp	<b>DICOM Simulation Mode</b>	Yes	Yes
	<b>P-in-P</b>	Yes	Yes
	<b>Optional accessories</b>	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-PA0310 (Attachment for ceiling mount bracket) ET-PFD310 (Frame) ET-EMF320 (Replacement filter unit) ET-SFD320 (Smoke cut filter) ET-UK20 (Upgrade kit with Geometry Manager Pro) ET-CUK10*9 (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-PA0310 (Attachment for ceiling mount bracket) ET-PFD310 (Frame) ET-EMF320 (Replacement filter unit) ET-SFD320 (Smoke cut filter)
	<b>Optional lens</b>	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 (Fixed-focus lens, 0.8:1) ET-D75MC1 (Lens motor cover) ET-D75LE90 (Fixed-focus lens, 0.39:1)	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 (Fixed-focus lens, 0.8:1) ET-D75MC1 (Lens motor cover) ET-D75LE90 (Fixed-focus lens, 0.40:1)
	<b>Standard accessories</b>	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: Average value. Each product has an individual variable in weight. \*4: Mounting the optional lamp unit for portrait mode and updating the projector's firmware to MAIN Ver. 2.00 or later are required. \*5: 1.78-15.24 m (70-600 inches) with the ET-D75LE8. \*6: Vertical ±40 % and horizontal ±20 % with the ET-D75LE6. \*7: Height; with legs at shortest position.



## PT-DZ10K



\* 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)<sup>15</sup>  
Vertical: ±55 %<sup>\*11</sup>, horizontal: ±20 %<sup>\*11</sup> (powered)  
SDI in [BNC x 1 (3G/HD/SD-SDI x 1)]  
DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))]  
HDMI in [HDMI 19-pin x 1 (HDCP compatible)]  
RGB 1 in [BNC x 5 (RGB/YPbPr/YCaCa x 1)]  
RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCa 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 200<sup>\*</sup> x 548.5 mm<sup>18</sup>  
(20-7/8 x 7-7/8<sup>\*</sup> x 21-19/32 inches)<sup>18</sup>  
Approx. 24 kg/52.9 lbs

Eco Filter

Yes

Yes

Yes

Yes<sup>4</sup>

System Daylight View 2

Detail Clarity Processor 3

Yes

Yes

ET-LAD310A/ET-LAD310AW (2 units)  
ET-LAD320P/ET-LAD320PW (for portrait mode)  
ET-PK0310H (High ceiling mount bracket)  
ET-PK0310S (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<sup>9</sup> (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 (Fixed-focus lens, 0.7:1)  
ET-D75MCI (Lens motor cover)  
ET-D75LE90 (Fixed-focus lens, 0.36:1)

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

## PT-EX16K



\* Lens sold separately.

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)<sup>12</sup>  
Vertical: ±39 %<sup>\*13</sup>, horizontal: ±10 %<sup>\*13</sup> (powered)  
DVI-D in [DVI-D 24-pin x 1 (DVI-D 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/YCaCa 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 mm<sup>18</sup>  
(25-19/32 x 13-3/4 x 32-3/32 inches)<sup>18</sup>  
Approx. 46.5 kg/102.5 lbs

Pleated Air Filter

Yes

-

-

-

-

-

-

-

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-ROM<sup>14</sup>

## PT-EX12K



\* Lens sold separately.

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)<sup>12</sup>  
Vertical: ±39 %<sup>\*13</sup>, horizontal: ±10 %<sup>\*13</sup> (powered)  
DVI-D in [DVI-D 24-pin x 1 (DVI-D 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/YCaCa 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 mm<sup>18</sup>  
(21-7/32 x 10-9/16 x 29-3/16 inches)<sup>18</sup>  
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-ROM<sup>14</sup>

\*8: Depth; lens not included. \*9: Available for use worldwide except in the United States. \*10: Vertical ±60 % and horizontal ±20 % with the ET-D75LE6. \*11: Vertical ±44 % and horizontal ±15 % with the ET-D75LE6. \*12: 2.54-15.24 m (100-600 inches) with the ET-ELS03. \*13: Vertical ±39 % with the ET-ELW06, and vertical ±5 0% and horizontal ±10 % with ET-ELS02. \*14: CD-ROM includes Logo transfer software, Multi projector monitoring and control software, and Real Colour Manager Pro.

# Installation

PT-DZ870  
PT-DZ870L\*4



1-Chip DLP™ Projector  
8,500 lm WUXGA  
Wired LAN Portrait\*5

PT-DW830  
PT-DW830L\*4



1-Chip DLP™ Projector  
8,500 lm WUXGA  
Wired LAN Portrait\*5

Optical	Panel type	17 mm (0.67 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1	
	Aspect ratio	16:10	16:10	
Interface	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)	
	Screen size (diagonal)*2	1.27-15.24 m (50-600 inches)*6	1.27-15.24 m (50-600 inches)*6	
	Lens shift*13	Vertical: +50 %, horizontal: ±10 % (powered)	Vertical: +60 %, horizontal: ±10 % (powered)	
General	Terminals	SDI in [BNC x 1 (3G/HD/SD-SDI x 1)] DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/Y/Pa/Pa/Y/Ca/Ca x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/Y/Pa/Pa/Y/Ca/Ca 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 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/Y/Pa/Pa/Y/Ca/Ca x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/Y/Pa/Pa/Y/Ca/Ca 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]	
	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	
	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*3	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 for Optics	Filter-less for Optics
		Edge Blending	Yes	Yes
		Geometric Adjustment	Yes (Optional upgrade kit available)	-
		Portrait mode	Yes*5	Yes*5
		RGB Booster	Yes (Dynamic RGB Booster)	Yes (Dynamic RGB Booster)
Daylight View		System Daylight View 2	System Daylight View 2	
Detail Clarity Processor		Detail Clarity Processor 3	Detail Clarity Processor 3	
Accessory	DICOM Simulation Mode	Yes	Yes	
	P-in-P/Side-by-Side	P-in-P/Side-by-Side	P-in-P/Side-by-Side	
	Replacement lamp	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-YFB100G (Digital Interface Box) ET-UK20 (Upgrade kit with Geometry Manager Pro) ET-CUK10*9 (Auto Screen Adjustment Upgrade Kit)	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-YFB100G (Digital interface box)	
	Optional accessories	ET-PKD130H (High-ceiling mount bracket) ET-PKD120S (Low-ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB100G (Digital interface box)	ET-PKD130H (High-ceiling mount bracket) ET-PKD120S (Low-ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) 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 (Fixed-focus lens, 0.8:1) ET-DLE030 (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 (Fixed-focus lens, 0.8:1) ET-DLE030 (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: Average value. Each product has an individual variable in weight. \*4: Lens-less model. \*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- .

**PT-DX100**  
**PT-DX100L**\*4



**1-Chip DLP™ Projector**

10,000 lm    XGA

**W I R E D**  
L A N

Portrait

**PT-DZ770K**  
**PT-DZ770LK**\*4



**1-Chip DLP™ Projector**

7,000 lm    WUXGA

**W I R E D**  
L A N

**PT-DW740S**  
**PT-DW740LS**\*4



**1-Chip DLP™ Projector**

7,000 lm    WUXGA

**W I R E D**  
L A N

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 (DVI-D x 1 (HDCP compatible))]  
HDMI in [HDMI 19-pin x 1 (HDCP compatible)]  
RGB 1 in [BNC x 5 (RGB/Yp/Pb/YCa/Ca x 1)]  
RGB 2 in [D-sub HD 15-pin x 1 (RGB/Yp/Pb/YCa/Ca 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 200\*7 x 556 mm\*8  
(19-19/32 x 7-7/8\*7 x 21-7/8 inches)\*8  
Approx. 18.3 kg/40.3 lbs  
(PT-DX100L: approx. 17.6 kg/38.8 lbs)

Filter-less for Optics

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-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-DLE055 (Fixed-focus lens, 0.8:1)  
ET-DLE030 (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

17.0 mm (0.67 inches) DLP™ chip x 1  
16:10  
300 W (max 310W) UHM x 2  
7,000 lm  
F 1.7-1.9, f 25.6-35.7 mm (1.7-2.4:1) (PT-DZ770K)  
2,500:1 (contrast mode: high)  
WUXGA (1,920 x 1,200)  
1.27-15.24 m (50-600 inches)\*6  
Vertical: +50 %, horizontal: ±10 % [powered]

DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))]  
HDMI in [HDMI 19-pin x 1 (HDCP compatible)]  
RGB 1 in [BNC x 5 (RGB/Yp/Pb/YCa/Ca x 1)]  
RGB 2 in [D-sub HD 15-pin x 1 (RGB/Yp/Pb/YCa/Ca x 1)]  
Composite video in [BNC x 1]  
S-Video in [Mini-DIN 4-pin 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, 8 A, 50/60 Hz  
220-240 V AC, 4.5 A, 50/60 Hz  
830 W (120 V AC)/810W (220-240 V AC)  
498 x 175\*7 x 466 mm\*12  
(19-19/32 x 6-7/8\*7 x 18-11/32 inches)\*12  
Approx. 16.3 kg/35.9 lbs  
(PT-DZ770LK: approx. 15.4 kg/34.0 lbs)

Eco Filter

Yes  
-  
-  
Yes  
System Daylight View 2  
Detail Clarity Processor  
Yes

Side-by-Side

ET-LAD60A  
ET-LAD60AW (2 units)

ET-PKD56H (High ceiling mount bracket)  
ET-PKD55S (Low ceiling mount bracket)  
ET-EMF300 (Replacement filter unit)

ET-DLE080 (Zoom lens, 0.8-1.0:1)  
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 (Fixed-focus lens, 0.8:1)  
ET-DLE030 (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

16.5 mm (0.65 inches) DLP™ chip x 1  
16:10  
300 W (max 310W) UHM x 2  
7,000 lm  
F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1) (PT-DW740S)  
2,500:1 (contrast mode: high)  
WUXGA (1,280 x 800)/WUXGA (1,920 x 1,200)  
1.27-15.24 m (50-600 inches)\*6  
Vertical: +60 %, horizontal: ±10 % [powered]

DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))]  
HDMI in [HDMI 19-pin x 1 (HDCP compatible)]  
RGB 1 in [BNC x 5 (RGB/Yp/Pb/YCa/Ca x 1)]  
RGB 2 in [D-sub HD 15-pin x 1 (RGB/Yp/Pb/YCa/Ca x 1)]  
Composite video in [BNC x 1]  
S-Video in [Mini-DIN 4-pin 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, 7.5 A, 50/60 Hz  
220-240 V AC, 4.3 A, 50/60 Hz  
790 W (120 V AC)/760 W (220-240 V AC)  
498 x 175\*7 x 466 mm\*12  
(19-19/32 x 6-7/8\*7 x 18-11/32 inches)\*12  
Approx. 16.3 kg/35.9 lbs  
(PT-DW740LS: approx. 15.4 kg/34.0 lbs)

Eco Filter

Yes  
-  
-  
Yes  
System Daylight View 2  
Detail Clarity Processor  
Yes

Side-by-Side

ET-LAD60A  
ET-LAD60AW (2 units)

ET-PKD56H (High-ceiling mount bracket)  
ET-PKD55S (Low-ceiling mount bracket)  
ET-EMF300 (Replacement filter unit)

ET-DLE080 (Zoom lens, 0.8-1.0:1)  
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 (Fixed-focus lens, 0.8:1)  
ET-DLE030 (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: Depth, including the supplied lens. Depth: 432 mm (17 inches) for the lens-less models. \*13: Lens shift can not be operated with the ET-DLE055, and is fixed with the ET-DLE030.

# Installation

PT-DX810S  
PT-DX810LS\*4



1-Chip DLP™ Projector  
8,200 lm XGA WIRELESS LAN

PT-RZ670  
PT-RZ670L\*4



1-Chip DLP™ Projector  
6,500 lm WUXGA WIRELESS LAN

Optical	Panel type	17.8 mm (0.7 inches) DLP™ chip x 1	17.0 mm (0.67 inches) DLP™ chip x 1	
	Aspect ratio	4:3	16:10	
Interface	Lamp/light source	300 W (max 310W) UHM x 2	- / Laser diode	
	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-DX810S)	F 1.7-1.9, f 25.6-35.7 mm (1.7-2.4:1)	
	Contrast (full on/full off)	2,000:1 (contrast mode: high)	10,000:1	
	Resolution native/maximum*1	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	
	Screen size (diagonal)*2	1.27-15.24 m (50-600 inches)*5	1.27-15.24 m (50-600 inches)*5	
	Lens shift*11	Vertical: +50 %*4, horizontal: ±10 % (powered)	Vertical: +50%*-16%, horizontal: +30%*12 -10% (powered)	
General	Terminals	DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/Y/Pa/Pb/Y/Ca/Ca x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/Y/Pa/Pb/Y/Ca/Ca x 1)] Composite video in [BNC x 1] S-Video in [Mini-DIN 4-pin 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)]	SDI in BNC x 1 (3G/HD/SD-SDI) 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/Y/Pa/Pb/Y/Ca/Ca C/video/YC x 1) RGB 2 in D-Sub HD 15-pin (female) x 1 (RGB/Y/Pa/Pb/Y/Ca/Ca x 1)] Serial in D-sub 9-pin (female) x 1 for external control [RS-232C compliant] Serial out D-sub 9-pin (male) x 1 for link control Remote 1 in M3 x 1 for wired remote control Remote 1 out M3 x 1 for link control (for wired remote control) Remote 2 in D-sub 9-pin (female) x 1 for external control (parallel) LAN/DIGITAL LINK [RJ-45 x 1, 100Base-TX, compliant with PjLink™, Deep Colour, compatible with Art-Net, HDCP]	
	Power supply	120 V AC, 7.5 A, 50/60 Hz 220-240 V AC, 4.3 A, 50/60 Hz	120 V-240 V AC, 9.0-4 A, 50/60 Hz	
	Power consumption	790 W (120 V AC) 760 W (220-240 V AC)	720 W (735 VA at 240V)	
	Dimensions (W x H x D)	498 x 175*7 x 466 mm*8 (19-19/32 x 6-7/8*7 x 18-11/32 inches)*9	498 x 200*7 x 581 mm*9 (19-19/32 x 7-7/8*7 x 22-7/8 inches)*9	
	Weight*3	Approx. 16.3 kg/35.9 lbs (PT-DX810LS: approx. 15.4 kg/34.0 lbs)	Approx. 23.2 kg/51.1 lbs (PT-RZ670L: approx. 22.5kg/49.6lbs)	
	Features	Filter	Eco Filter	-
		Edge Blending	Yes	Yes
		Geometric Adjustment	-	Yes
		Emulation	-	Yes
		RGB Booster	Yes	-
Daylight View		System Daylight View 2	System Daylight View 2	
Detail Clarity Processor		Detail Clarity Processor	Detail Clarity Processor 3	
DICOM Simulation Mode	Yes	Yes		
P-in-P/Side-by-Side	-	Yes / Yes		
Accessory	Replacement lamp	ET-LAD60A/ET-LAD60AW (2 units)	-	
	Optional accessories	ET-PKD56H (High-ceiling mount bracket) ET-PKD55S (Low-ceiling mount bracket) ET-EMF300 (Replacement filter unit)	ET-PKD120H (High-ceiling mount bracket) ET-PKD130H (High-ceiling mount bracket with 6-axis adjustment) ET-PKD120S (For low ceilings) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB100G (Digital interface box)	
	Optional lens	ET-DLE080 (Zoom lens, 0.8-1.0:1) 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 (Fixed-focus lens, 0.8:1) ET-DLE030 (Fixed-focus lens, 0.39:1)	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 (Fixed-focus lens, 0.8:1) ET-DLE030 (Fixed-focus lens, 0.38:1)	
	Standard accessories		Power cord with secure lock, wireless/wired remote control unit, batteries (R03/AAA type x 2), software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software)[x1]	

\*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: Lens-less model. \*5: 1.27-5.08 m (50-200 inches) with the ET-DLE055. \*6: Vertical +45 % with the ET-DLE080. \*7: Height; with legs at shortest position.

PT-RW630  
PT-RW630L\*

NEW

SOLID SHINE

DIGITAL LINK



1-Chip DLP™ Projector

6,500 lm

WXGA

WIRED  
LAN

16.5 mm (0.65 inches) DLP™ chip x 1

16:10

- / Laser diode

6,500 lm

F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1)

10,000:1

WXGA (1280 x 800)

1.27-15.24 m (50-600 inches)<sup>5</sup>

Vertical: +60% -16%, horizontal: +30%<sup>12</sup> -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/CaCr C/video/YC x 1]

RGB 2 in D-Sub HD 15-pin (female) x 1 [RGB/YPbPr/CaCr x 1]

Serial in D-sub 9-pin (female) x 1 for external control

(RS-232C compliant)

Serial out D-sub 9-pin (male) x 1 for link control

Remote 1 in M3 x 1 for wired remote control

Remote 1 out M3 x 1 for link control (for wired remote control)

Remote 2 in D-sub 9-pin (female) x 1 for external control (parallel)

LAN/DIGITAL LINK [RJ-45 x 1, 100Base-TX, compliant with PjLink™,

Deep Colour, compatible with Art-Net, HDCP]

120 V-240 V AC, 9.0-4 A, 50/60 Hz

720 W (735 VA at 240V)

498 x 200<sup>7</sup> x 581 mm<sup>9</sup>

(19-19/32 x 7-7/8<sup>7</sup> x 22-7/8 inches)<sup>9</sup>

Approx. 23.2 kg/51.1 lbs

(PT-RW630L: approx. 22.5kg/49.6lbs)

-

Yes

-

Yes

-

System Daylight View 2

Detail Clarity Processor 3

Yes

Yes / Yes

-

ET-PKD120H (High-ceiling mount bracket)

ET-PKD130H (High-ceiling mount bracket with 6-axis adjustment)

ET-PKD120S (For low ceilings)

ET-PKD130B (Attachment for ceiling mount bracket)

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-DLE055 (Fixed-focus lens, 0.8:1)

ET-DLE030 (Fixed-focus lens, 0.40:1)

Power cord with secure lock, wireless/wired remote control unit,

batteries (R03/AAA type x 2), software CD-ROM [Logo Transfer

Software, Multi Projector Monitoring & Control Software](x 1)]

Key Features

Parasonic's Leading-Edge Technology

## SOLID SHINE Illumination - Going Beyond Conventional Projectors



With the newly developed Laser light source, SOLID SHINE Series projectors provide solid reliability and long-lasting brightness unprecedented by conventional lamp-based projectors.

### Advantages

- Approx. 20,000 hours\*1 of maintenance-free operation. (PT-RZ670/RW630 PT-RZ470/RW430/RZ370/RW330)
- Long-lasting reliability and brightness.
- Superb colour reproduction.
- Quick start, quick off.

No Maintenance  
**20,000**  
HOURS



\*1: For RZ470/RW430/RZ370/RW330 light source replacement is needed after 20,000 hours. For RZ670 series the maintenance is needed when the brightness has decreased to approx. 1/2 of its original level (approx after 20,000 hours). These are guidelines: the maintenance-free duration may be shortened due to environmental conditions.

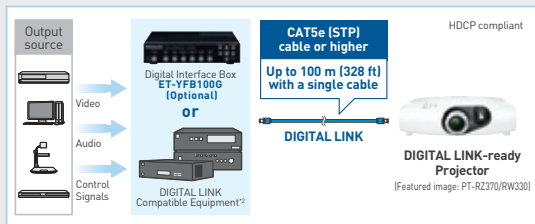
## DIGITAL LINK – Single Cable Solution



DIGITAL LINK, based on HDBaseT™ technology, is an intelligent system that lets you send HDMI, uncompressed Full-HD videos, audio, and control signals\*1 all through a single CAT5e cable or higher for up to 100 m (328 ft). Hence, it is a cost-effective, long-distance, high-quality digital transmission solution.

### Advantages

- High-quality digital transmission over a single cable.
- A cost effective approach to cabling and layout.
- Supports the control protocol of the industry's leading manufacturers.



\*1: The ET-YFB100G does not accept direct RS-232C commands. It accepts commands only through DIGITAL LINK projectors. The only available control via the projector is to change the input terminal of the ET-YFB100G.

\*2: For tested compatible equipment, please visit the website.

<http://business.panasonic.co.uk/visual-system/>

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

\*8: Depth: including the supplied lens. Depth: 432 mm (17 inches) for the lens-less models. \*9: Depth: including the supplied lens. Depth: 538mm (21-3/16 inches) for the lens-less models.

\*10: CD-ROM includes Logo Transfer software and Multi projector monitoring and control software. \*11: Lens shift can not be operated with the ET-DLE055, and is fixed with the ET-DLE030.

\*12: +28% with the ET-DLE085

Large-Venue

Installation

Portable

Short Throw

Home Cinema

# Installation

PT-DZ680  
PT-DZ680L\*4



1-Chip DLP™ Projector  
6,000 lm WUXGA W I R E D  
L A N

PT-DW640  
PT-DW640L\*4



1-Chip DLP™ Projector  
6,000 lm WXGA W I R E D  
L A N

Optical	Panel type	17.0 mm (0.67 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1	
	Aspect ratio	16:10	16:10	
Interface	Lamp	280 W UHM x 2	280 W UHM x 2	
	Brightness	6,000 lm	6,000 lm	
	Lens (throw ratio)	F 1.7-2.0, f 26.8-35.7 mm (1.8-2.4:1) (PT-DZ680)	F 1.7-2.0, f 25.6-33.8 mm (1.8-2.4:1) (PT-DW640)	
	Contrast (full on/full off)	2,000:1 (contrast mode: high)	2,000:1 (contrast mode: high)	
	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)*5	1.27-15.24 m (50-600 inches)*5	
	Lens shift	Vertical: +50 %, horizontal: ±10 % (powered)	Vertical: +60 %, horizontal: ±10 % (powered)	
General	Terminals	DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/Yp/Pa/Y/Cs/Cr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/Yp/Pa/Y/Cs/Cr x 1)] Composite video in [BNC x 1] S-Video in [Mini-DIN 4-pin x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/Yp/Pa/Y/Cs/Cr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/Yp/Pa/Y/Cs/Cr x 1)] Composite video in [BNC x 1] S-Video in [Mini-DIN 4-pin 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, 7.3 A, 50/60 Hz 220-240 V AC, 4.0 A, 50/60 Hz	120 V AC, 6.8 A, 50/60 Hz 220-240 V AC, 3.8 A, 50/60 Hz	
	Power consumption	750 W (120 V AC) 730 W (220-240 V AC)	710W (120 V AC) 690 W (220-240 V AC)	
	Dimensions (W x H x D)	498 x 175*7 x 440 mm*8 (19-19/32 x 6-7/8*7 x 17-5/16 inches)*8	498 x 175*7 x 440 mm*8 (19-19/32 x 6-7/8*7 x 17-5/16 inches)*8	
	Weight*3	Approx. 16.0 kg/35.3 lbs (PT-DZ680L: approx. 15.1 kg/33.3 lbs)	Approx. 16.0 kg/35.3 lbs (PT-DW640L: approx. 15.1 kg/33.3 lbs)	
	Features	Filter	Eco Filter	Eco Filter
		Edge Blending	Yes	Yes
		Geometric Adjustment	-	-
		Emulation	-	-
		RGB Booster	Yes	Yes
Daylight View		System Daylight View 2	System Daylight View 2	
Detail Clarity Processor		Detail Clarity Processor	Detail Clarity Processor	
Accessory	DICOM Simulation Mode	Yes	Yes	
	P-in-P/Side-by-Side	Side-by-Side	Side-by-Side	
Accessory	Replacement lamp	ET-LAD60A/ET-LAD60AW (2 units)	ET-LAD60A/ET-LAD60AW (2 units)	
	Optional accessories	ET-PKD56H (High ceiling mount bracket) ET-PKD55S (Low ceiling mount bracket) ET-EMF300 (Replacement filter unit)	ET-PKD56H (High ceiling mount bracket) ET-PKD55S (Low ceiling mount bracket) ET-EMF300 (Replacement filter unit)	
	Optional lens	ET-DLE080 (Zoom lens, 0.8-1.0:1) 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 (Fixed-focus lens, 0.8:1) ET-DLE030 (Fixed-focus lens, 0.38:1)	ET-DLE080 (Zoom lens, 0.8-1.0:1) 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 (Fixed-focus lens, 0.8:1) ET-DLE030 (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*9	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*9	

\*1: Input signals that exceed the native resolution will be converted to the native resolution. \*2: The screen size is that of the original aspect ratio. \*3: Average value. Each product has an individual variable in weight. \*4: Lens-less model. \*5: 1.27-5.08 m (50-200 inches) with the ET-DLE055. \*6: Vertical +45 % with the ET-DLE080. \*7: Height: with legs at shortest position.

**PT-DX610**  
**PT-DX610L**\*4



**1-Chip DLP™ Projector**  
6,500 lm XGA **WIRED LAN**

17.8 mm (0.7 inches) DLP™ chip x 1  
4:3  
280 W UHM x 2  
6,500 lm  
F 1.7-2.0, f 25.6-33.8 mm (1.8-2.4:1) [PT-DX610]  
2,000:1 (contrast mode: high)  
XGA (1,024 x 768)/WUXGA (1,920 x 1,200)  
1.27-15.24 m (50-600 inches)\*5  
Vertical: +50 %\*6; horizontal: ±10 % (powered)  
DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))]  
HDMI in [HDMI 19-pin x 1 (HDCP compatible)]  
RGB 1 in [BNC x 5 (RGB/Y/Pa/Pb/Y/Ca/Cr x 1)]  
RGB 2 in [D-sub HD 15-pin x 1 (RGB/Y/Pa/Pb/Y/Ca/Cr x 1)]  
Composite video in [BNC x 1]  
S-Video in [Mini-DIN 4-pin 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, 6.8 A, 50/60 Hz  
220-240 V AC, 3.8 A, 50/60 Hz

710W (120 V AC)  
690 W (220-240 V AC)

498 x 175\*7 x 440 mm\*8  
(19-19/32 x 6-7/8\*7 x 17-5/16 inches)\*8

Approx. 16.0 kg/35.3 lbs  
(PT-DX610L: approx. 15.1 kg/33.3 lbs)

Eco Filter

Yes

-

Yes

-

System Daylight View 2

Detail Clarity Processor

Yes

-

ET-LAD60A/ET-LAD60AW (2 units)  
ET-PKD56H (High ceiling mount bracket)  
ET-PKD55S (Low ceiling mount bracket)  
ET-EMF300 (Replacement filter unit)

ET-DLE080 (Zoom lens, 0.8-1.0:1)  
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 (Fixed-focus lens, 0.8:1)  
ET-DLE030 (Fixed-focus lens, 0.39:1)

Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM\*9

**Key Features**

**A Wide Lineup of Optional Lenses**

Choose from a wide lineup of optional lenses, including short-throw, long-throw zoom and fixed-throw lenses for rear projection use. The additional lenses make it easy to adapt your projector to the installation site. The lenses attach and detach with one-touch ease for many Panasonic projectors. In addition, many optional lenses are compatible from old to new models.



**World's shortest\* throw detachable lenses for high-brightness projectors**

ET-D75LE90 (for 3-chip DLP™ projectors) and ET-DLE030 (for 1-chip DLP™ projectors) detachable ultra short-throw lenses.



ET-D75LE90



ET-DLE030

By mounting the ultra-short-throw lenses onto Panasonic's high brightness DLP™ projector, you can shorten the projection distance by approximately 60 % compared with our current short throw lenses.

This huge saving in space lets you project images in spots where you previously could not – such as places where the ceiling is too high, or where there is not enough front or rear space for projecting.

For more information visit : <http://business.panasonic.co.uk/visual-system/world-s-shortest-throw-detachable-lens-for-high-brightness-projectors>

\*For detachable lenses for 3-chip DLP™ and 1-chip DLP™ projectors as of November 2014.

**Application Example: Retail Store Display**



For example, promotional images can be projected even in the narrow space of a retail store showcase, where image projection is not possible with a general-purpose lens.

Note: For optional lenses, please refer to the "Accessory" section of each specification sheet.

\*8: Depth: including the supplied lens. Depth: 432 mm (17 inches) for the lens-less models.

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

# Installation

## PT-DZ570



## PT-DW530



Optical	<b>Panel type</b>	17.0 mm (0.67 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1
	<b>Aspect ratio</b>	16:10	16:10
	<b>Lamp</b>	300 W (max 310W) UHM	300 W (max 310W) UHM
	<b>Brightness</b>	4,000 lm	4,000 lm
	<b>Lens (throw ratio)</b>	F 2.0-3.4, f 21.5-43.0 mm (1.45-2.94:1)	F 2.0-3.4, f 21.5-43.0 mm (1.53-3.09:1)
	<b>Contrast (full on/full off)</b>	2,000:1	2,000:1
	<b>Resolution native/maximum*1</b>	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)
	<b>Screen size (diagonal)*2</b>	1.02-7.62 m (40-300 inches)	1.02-7.62 m (40-300 inches)
<b>Lens shift</b>	Vertical: +60 %, horizontal: ±10 % (manual)	Vertical: +70 %, horizontal: ±10 % (manual)	
Interface	<b>Built-in speaker</b>	-	-
	<b>Terminals</b>	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/YpPr/YCaCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YpPr/YCaCr x 1)] Composite video in [BNC x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [Pin jack x 2 (L x 1, R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [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)] Remote in [D-sub 9-pin x 1] 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-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] RGB 1 in [BNC x 5 (RGB/YpPr/YCaCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YpPr/YCaCr x 1)] Composite video in [BNC x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [Pin jack x 2 (L x 1, R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [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)] Remote in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] Wireless module input terminal [for optional ET-WM200 x 1]
General	<b>Power supply</b>	100-240 V AC, 5.0-1.9 A, 50/60 Hz	100-240 V AC, 5.0-1.9 A, 50/60 Hz
	<b>Power consumption</b>	415 W	415 W
	<b>Dimensions (W x H x D)</b>	332 x 168*5 x 484.5 mm*6 (13-1/16 x 6-5/8*5 x 19-1/16 inches)*6	332 x 168*5 x 484.5 mm*6 (13-1/16 x 6-5/8*5 x 19-1/16 inches)*6
	<b>Weight*3</b>	Approx. 8.5 kg/18.7 lbs	Approx. 8.5 kg/18.7 lbs
Features	<b>Emulation</b>	Yes	Yes
	<b>Maintenance-free duration</b>	-	-
	<b>Edge Blending</b>	-	-
	<b>RGB Booster</b>	Yes	Yes
	<b>Daylight View</b>	Daylight View Premium	Daylight View Premium
	<b>Detail Clarity Processor</b>	Detail Clarity Processor 3	Detail Clarity Processor 3
	<b>3D Ready</b>	-	-
	<b>DICOM Simulation Mode</b>	Yes	Yes
	<b>P-in-P/Side-by-Side</b>	Side-by-Side	Side-by-Side
	<b>Wireless Ready</b>	Wireless Manager ME 6.0*4, iOS*4, Android*4	Wireless Manager ME 6.0*4, iOS*4, Android*4
<b>Portrait Mode</b>	-	-	
<b>Audio Out During Standby</b>	Yes	Yes	
Accessory	<b>Replacement lamp</b>	ET-LAD60A ET-LAD60AW (2 units)	ET-LAD60A ET-LAD60AW (2 units)
	<b>Optional accessories</b>	ET-PKD110H (High ceiling mount bracket) ET-PKD110S (Low ceiling mount bracket) ET-WM200 (Wireless module)	ET-PKD110H (High ceiling mount bracket) ET-PKD110S (Low ceiling mount bracket) ET-WM200 (Wireless module)
	<b>Standard accessories</b>	Power cord, wireless remote control unit, batteries for remote control unit, safety wire rope, software CD-ROM (Logo transfer software, Multi projector monitoring and control software, Wireless Manager ME 6.0)	Power cord, wireless remote control unit, batteries for remote control unit, safety wire rope, software CD-ROM (Logo transfer software, Multi projector monitoring and control software, Wireless Manager ME 6.0)

\*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: To operate wireless projection, the optional wireless module ET-WM200 is required. \*5: Height: with legs at shortest position.



## PT-DX500



1-Chip DLP™ Projector  
4,500 lm XGA



option<sup>4</sup>

## PT-RZ470



1-Chip DLP™ Projector  
3,500 lm Full HD



## PT-RW430



1-Chip DLP™ Projector  
3,500 lm WXGA



17.8 mm (0.7 inches) DLP™ chip x 1 4:3 300 W (max 310W) UHM 4,500 lm F 2.0-3.4, f 21.5-43.0 mm (1.51-3.05:1) 2,000:1 XGA (1,024 x 768)/WXGA (1,920 x 1,200) 1.02-7.62 m (40-300 inches) Vertical: +60 %, horizontal: ±10 % (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) 20,000:1 Full HD (1,920 x 1,080)/WXGA (1,920 x 1,200) 1.02-7.62 m (40-300 inches) Vertical: +73 %/-48 %, horizontal: +27 %/-35 % (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) 20,000:1 WXGA (1,280 x 800)/WXGA (1,920 x 1,200) 1.02-7.62 m (40-300 inches) Vertical: +69 %/-46 %, horizontal: +28 %/-37 % (manual)
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/Y/PaPz/YCaCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/Y/PaPz/YCaCr x 1)] Composite video in [BNC x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [Pin jack x 2 (L x 1, R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [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)] Remote in [D-sub 9-pin x 1] 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/Y/PaPz/YCaCr x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/Y/PaPz/YCaCr 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/Y/PaPz/YCaCr x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/Y/PaPz/YCaCr 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)
100-240 V AC, 5.0-1.9 A, 50/60 Hz 415 W 332 x 168 <sup>*5</sup> x 484.5 mm <sup>*6</sup> (13-1/16 x 6-5/8 <sup>*5</sup> x 19-1/16 inches) <sup>*6</sup> Approx. 8.5 kg/18.7 lbs Yes - - Yes Daylight View Premium Detail Clarity Processor 3 - Yes - Wireless Manager ME 6.0 <sup>*4</sup> , iOS <sup>*4</sup> , Android <sup>*4</sup> - Yes	100-240 V AC, 5.2-2.0 A, 50/60 Hz 460 W (Normal: 250 W, ECO1: 200 W, ECO2: 178 W) <sup>*4</sup> 455 x 137 <sup>*5</sup> x 415 mm <sup>*6</sup> (17-29/32 x 5-13/32 <sup>*5</sup> x 16-11/32 inches) <sup>*6</sup> Approx. 11.0 kg/24.3 lbs Yes 20,000 hours <sup>*7</sup> Yes Daylight View Basic - Yes Yes - Yes Yes	100-240 V AC, 5.2-2.0 A, 50/60 Hz 460 W (Normal: 250 W, ECO1: 200 W, ECO2: 178 W) <sup>*4</sup> 455 x 137 <sup>*5</sup> x 415 mm <sup>*6</sup> (17-29/32 x 5-13/32 <sup>*5</sup> x 16-11/32 inches) <sup>*6</sup> Approx. 11.0 kg/24.3 lbs Yes 20,000 hours <sup>*7</sup> Yes Daylight View Basic - Yes Yes - Yes Yes
ET-LAD60A ET-LAD60AW (2 units) ET-PKD110H (High ceiling mount bracket) ET-PKD110S (Low ceiling mount bracket) ET-WM200 (Wireless module)	- ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-PKR100P (Portrait mode mount bracket) ET-YFB100G (Digital Interface Box)	- ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-PKR100P (Portrait mode mount bracket) ET-YFB100G (Digital Interface Box)
Power cord, wireless remote control unit, batteries for remote control unit, safety wire rope, software CD-RQM (Logo transfer software, Multi projector monitoring and control software, Wireless Manager ME 6.0)	Power cord (with secure lock), wireless remote control unit, batteries for remote control unit, software CD-RQM (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-RQM (Logo transfer software, Multi projector monitoring and control software)

\*6: Depth: including the lens. \*7: A guideline for light source replacement. The maintenance-free duration may be shortened due to environmental conditions.

# Installation

PT-RZ370



1-Chip DLP™ Projector  
3,500 lm Full HD WIRED LAN

PT-RW330



1-Chip DLP™ Projector  
3,500 lm WXGA WIRED LAN

Optical

<b>Panel type</b>	16.5 mm (0.65 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1
<b>Aspect ratio</b>	16:9	16:10
<b>Light source</b>	LED/Laser-combined (R, B: LED; G: Laser diode)	LED/Laser-combined (R, B: LED; G: Laser diode)
<b>Brightness</b>	3,500 lm	3,500 lm
<b>Lens (throw ratio)</b>	F 2.0-3.4, f 21.5-43.0 mm (1.46-2.94:1)	F 2.0-3.4, f 21.5-43.0 mm (1.53-3.09:1)
<b>Contrast (full on/full off)</b>	10,000:1	10,000:1
<b>Resolution native/maximum*1</b>	Full HD (1,920 x 1,080)/WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)
<b>Screen size (diagonal)*2</b>	1.02-7.62 m (40-300 inches)	1.02-7.62 m (40-300 inches)
<b>Lens shift</b>	Vertical: +73 %/-48 %, horizontal: +27 %/-35 % (manual)	Vertical: +69 %/-46 %, horizontal: +28 %/-37 % (manual)

Interface

<b>Built-in speaker</b>	-	-
<b>Terminals</b>	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-I in [DVI-I 29-pin x 1 (Digital: HDCP compatible) (Analog: RGB/YPaPp/YCaCa x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/YPaPp/YCaCa 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/YPaPp/YCaCa x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/YPaPp/YCaCa 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]

General

<b>Power supply</b>	100-240 V AC, 5.2-2.0 A, 50/60 Hz	100-240 V AC, 5.2-2.0 A, 50/60 Hz
<b>Power consumption</b>	460 W (Normal: 250 W, ECO1: 200 W, ECO2: 178 W) *4	460 W (Normal: 250 W, ECO1: 200 W, ECO2: 178 W) *4
<b>Dimensions (W x H x D)</b>	455 x 137 <sup>5</sup> x 415 mm <sup>6</sup> (17-29/32 x 5-13/32 <sup>5</sup> x 16-11/32 inches) <sup>6</sup>	455 x 137 <sup>5</sup> x 415 mm <sup>6</sup> (17-29/32 x 5-13/32 <sup>5</sup> x 16-11/32 inches) <sup>6</sup>
<b>Weight*3</b>	Approx. 11.0 kg/24.3 lbs	Approx. 11.0 kg/24.3 lbs

Features

<b>Maintenance-free duration</b>	20,000 hours*7	20,000 hours*7
<b>Filter</b>	-	-
<b>Intelligent Lamp Control</b>	-	-
<b>Emulation</b>	Yes	Yes
<b>Daylight View</b>	Daylight View Basic	Daylight View Basic
<b>Corner Keystone</b>	-	-
<b>DICOM Simulation Mode</b>	Yes	Yes
<b>P-in-P/Side-by-Side</b>	-	-
<b>Audio Out During Standby</b>	Yes	Yes

Accessory

<b>Replacement lamp</b>	-	-
<b>Optional accessories</b>	ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-YFB100G (Digital Interface Box)	ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-YFB100G (Digital Interface Box)
<b>Optional lens</b>		
<b>Standard accessories</b>	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. \*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.

**PT-EZ770Z**  
**PT-EZ770ZL<sup>\*4</sup>**


LCD Projector  
6,500 lm WUXGA **WIRED LAN**

**PT-EW730Z**  
**PT-EW730ZL<sup>\*4</sup>**


LCD Projector  
7,000 lm WXGA **WIRED LAN**

19.0 mm (0.76 inches) LCD x 3 16:10 400 W UHM 6,500 lm F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) (PT-EZ770Z) 5,000:1 WUXGA (1,920 x 1,200) 1.02-10.16 m (40-400 inches) Vertical: ±60 %, horizontal: ±10 % (powered)	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)
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/YCaCx x 1)] RGB 2 in [BNC x 5 (RGB/YPbPr/YCaCx 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]	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/YCaCx x 1)] RGB 2 in [BNC x 5 (RGB/YPbPr/YCaCx 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]
100-240 V AC, 50/60 Hz 590 W 530 x 177 <sup>5</sup> x 445 mm <sup>6*7</sup> (20-7/8 x 6-31/32 <sup>5</sup> x 17-1/2 inches) <sup>6*7</sup> Approx. 10.6 kg/23.4 lbs (PT-EZ770ZL: approx. 9.8 kg/21.6 lbs)	100-240 V AC, 50/60 Hz 575 W 530 x 177 <sup>5</sup> x 445 mm <sup>6*7</sup> (20-7/8 x 6-31/32 <sup>5</sup> x 17-1/2 inches) <sup>6*7</sup> Approx. 10.6 kg/23.4 lbs (PT-EW730ZL: approx. 9.8 kg/21.6 lbs)
-	-
Eco Filter Yes Yes Daylight View Basic Yes Yes P-in-P/Side-by-Side Yes	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 <sup>8</sup> (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB100G (Digital Interface Box)  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, 0.78-0.98:1)	ET-LAE300 ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-PKE200B <sup>8</sup> (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB100G (Digital Interface Box)  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, 0.78-0.98:1)
Power cord with power cord holder, wireless/ wired remote control unit, batteries for remote control unit, software CD-ROM (Logo transfer software, Multi projector monitoring and control software)	Power cord with power cord holder, wireless/ wired remote control unit, batteries for remote control unit, software CD-ROM (Logo transfer software, Multi projector monitoring and control software)

<sup>\*6</sup>: Depth: including the lens. <sup>\*7</sup>: Depth: 385 mm (15-5/32 inches) for the lens-less models. <sup>\*8</sup>: Compatible with ET-PKE200H and ET-PKE200S.

# Installation

PT-EX800Z  
PT-EX800ZL \*4



LCD Projector  
7,500 lm XGA WIRELESS LAN

PT-EZ580  
PT-EZ580L \*4



LCD Projector  
5,400 lm WUXGA WIRELESS LAN

Optical	Panel type	20.0 mm (0.79 inches) LCD x 3	19.0 mm (0.76 inches) LCD x 3
	Aspect ratio	4:3	16:10
	Lamp	400 W UHM	335 W UHM
	Brightness	7,500 lm	5,400 lm
	Lens (throw ratio)	F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) [PT-EX800Z]	F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) [PT-EZ580]
	Contrast (full on/full off)	5,000:1	5,000:1
	Resolution native/maximum*1	XGA [1,024 x 768]/WUXGA [1,920 x 1,200]	WUXGA [1,920 x 1,200]
Interface	Screen size (diagonal)*2	1.02-10.16 m (40-400 inches)	1.02-10.16 m (40-400 inches)
	Lens shift	Vertical: ±50 %, horizontal: ±10 % (powered)	Vertical: ±60 %, horizontal: ±10 % (powered)
	Built-in speaker	10.0 W (monaural)	10.0 W (monaural)
	Terminals	DVI-D in [DVI-D 24-pin x 1 (DVI-D 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/YCaCn x 1)] RGB 2 in [BNC x 5 (RGB/YPbPr/YCaCn 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 (DVI-D 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/YCaCn x 1)] RGB 2 in [BNC x 5 (RGB/YPbPr/YCaCn 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]
	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	Power consumption	575 W	510W
	Dimensions (W x H x D)	530 x 177 <sup>5</sup> x 445 mm <sup>6*7</sup> (20-7/8 x 6-31/32 <sup>5</sup> x 17-1/2 inches) <sup>6*7</sup>	530 x 177 <sup>5</sup> x 445 mm <sup>6*7</sup> (20-7/8 x 6-31/32 <sup>5</sup> x 17-1/2 inches) <sup>6*7</sup>
Weight*3	Approx. 10.6 kg/23.4 lbs (PT-EX800ZL: approx. 9.8 kg/21.6 lbs)	Approx. 10.6 kg/23.4 lbs (PT-EZ580L: approx. 9.8 kg/21.6 lbs)	
Features	Filter	Eco Filter	Eco Filter
	Intelligent Lamp Control	Yes	Yes
	Emulation	Yes	Yes
	Daylight View	Daylight View Basic	Daylight View Basic
	DICOM Simulation Mode	Yes	Yes
	Corner Keystone	Yes	Yes
	P-in-P/Side-by-Side	P-in-P/Side-by-Side	P-in-P/Side-by-Side
Accessory	Audio Out During Standby	Yes	Yes
	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 <sup>8</sup> (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB100G (Digital Interface Box)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-PKE200B <sup>8</sup> (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB100G (Digital Interface Box)
	Optional lens	ET-ELW20 (Zoom lens, 1.3-1.7:1) ET-ELI20 (Zoom lens, 2.8-4.6:1) ET-ELI21 (Zoom lens, 4.6-7.2:1) ET-ELW21 (Fixed-focus lens, 0.8:1) ET-ELW22 (Zoom lens, 0.80-1.0:1)	ET-ELW20 (Zoom lens, 1.3-1.7:1) ET-ELI20 (Zoom lens, 2.8-4.6:1) ET-ELI21 (Zoom lens, 4.6-7.2:1) ET-ELW21 (Fixed-focus lens, 0.8:1) ET-ELW22 (Zoom lens, 0.78-0.98:1)
	Standard accessories	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, software CD-ROM (Logo transfer software, Multi projector monitoring and control software)	Power cord with power cord holder, 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: Average value. Each product has an individual variable in weight. \*4: Lens-less model. \*5: Height: with legs at shortest position. \*6: Depth: including the lens.

**PT-EW640**  
**PT-EW640L<sup>7</sup>**


LCD Projector		WIRED LAN
5,800 lm	WXGA	

**PT-EW540**  
**PT-EW540L<sup>7</sup>**


LCD Projector		WIRED LAN
5,000 lm	WXGA	

**PT-EX610**  
**PT-EX610L<sup>7</sup>**


LCD Projector		WIRED LAN
6,200 lm	XGA	

19.0 mm (0.76 inches) LCD x 3 16:10 335 W UHM 5,800 lm F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) (PT-EW640) 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) 10.0 W (monaural) DVI-D in [DVI-D 24-pin x 1 (DVI-D 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/YPaPb/YCaCn x 1)] RGB 2 in [BNC x 5 (RGB/YPaPb/YCaCn 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]	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 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [D-sub HD 15-pin x 1 (RGB/YPaPb/YCaCn x 1)] RGB 2 in [BNC x 5 (RGB/YPaPb/YCaCn 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 (DVI-D 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/YPaPb/YCaCn x 1)] RGB 2 in [BNC x 5 (RGB/YPaPb/YCaCn 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/YPaPb/YCaCn 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]
100-240 V AC, 50/60 Hz 495 W 530 x 177 <sup>5</sup> x 445 mm <sup>6*7</sup> (20-7/8 x 6-31/32 <sup>5</sup> x 17-1/2 inches) <sup>6*7</sup> Approx. 10.6 kg/23.4 lbs (PT-EW640L: approx. 9.8 kg/21.6 lbs)	100-240 V AC, 50/60 Hz 485 W 530 x 177 <sup>5</sup> x 445 mm <sup>6*7</sup> (20-7/8 x 6-31/32 <sup>5</sup> x 17-1/2 inches) <sup>6*7</sup> 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 <sup>5</sup> x 445 mm <sup>6*7</sup> (20-7/8 x 6-31/32 <sup>5</sup> x 17-1/2 inches) <sup>6*7</sup> Approx. 10.6 kg/23.4 lbs (PT-EX610L: approx. 9.8 kg/21.6 lbs)
Eco Filter Yes Yes Daylight View Basic Yes Yes P-in-P/Side-by-Side Yes	Eco Filter Yes Yes Daylight View Basic Yes Yes P-in-P/Side-by-Side Yes	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 <sup>8</sup> (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB100G (Digital Interface Box)	ET-LAE300 ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-PKE200B <sup>8</sup> (Bracket assembly) ET-RFE300 (Replacement filter unit)	ET-LAE300 ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-PKE200B <sup>8</sup> (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB100G (Digital Interface Box)
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, 0.78-0.98:1)	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, 0.78-0.98:1)	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, 0.80-1.0:1)
Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, software CD-ROM (Logo transfer software, Multi projector monitoring and control software)	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, software CD-ROM (Logo transfer software, Multi projector monitoring and control software)	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, software CD-ROM (Logo transfer software, Multi projector monitoring and control software)

<sup>7</sup>: Depth: 385 mm (15-5/32 inches) for the lens-less models. <sup>8</sup>: Compatible with ET-PKE200H and ET-PKE200S.

# Installation

PT-EX510  
PT-EX510L\*4



LCD Projector  
5,300 lm XGA  
WIRED LAN

PT-FW430



LCD Projector  
3,500 lm WXGA  
WIRED LAN  
option<sup>7</sup>  
WIRELESS

Optical	Panel type	20.0 mm (0.79 inches) LCD x 3	18.9 mm (0.74 inches) LCD x 3
	Aspect ratio	4:3	16:10
Interface	Lamp	335 W UHM	250 W UHM
	Brightness	5,300 lm	3,500 lm
	Lens (throw ratio)	F 1.7-2.3, f 126.9-45.4 mm (1.7-2.8:1) (PT-EX510)	F 1.7-2.6, f 21.6-43.0 mm (1.34-2.68:1)
	Contrast (full on/full off)	2,000:1	600:1
	Resolution native/maximum*1	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)
	Screen size (diagonal)*2	1.02-10.16 m (40-400 inches)	0.84-7.62 m (33-300 inches)
	Lens shift	Vertical: ±50 %, horizontal: ±10 % (powered)	Vertical ±51 %, horizontal ±24 % (manual)
General	Built-in speaker	10.0 W (monaural)	5.0 W (monaural)
	Terminals	DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [D-sub HD 15-pin x 1 (RGB/Y/Pa/Pa/Y/Ca/Ca x 1)] RGB 2 in [BNC x 5 (RGB/Y/Pa/Pa/Y/Ca/Ca 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)]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-I in [DVI-I 29-pin x 1 (Digital: HDCP compatible) (Analog: RGB/Y/Pa/Pa/Y/Ca/Ca x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/Y/Pa/Pa/Y/Ca/Ca 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)
Features	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 3.9-1.4 A, 50/60 Hz
	Power consumption	485 W	330 W
	Dimensions (W x H x D)	530 x 177 <sup>5</sup> x 445 mm <sup>6*7</sup> (20-7/8 x 6-31/32 <sup>5</sup> x 17-1/2 inches) <sup>6*7</sup>	430 x 125.5 <sup>5</sup> x 323 mm (16-15/16 x 4-15/16 <sup>5</sup> x 12-23/32 inches)
Accessory	Weight*3	Approx. 10.6 kg/23.4 lbs (PT-EX510L: approx. 9.8 kg/21.6 lbs)	Approx. 6.0 kg/13.2 lbs
	Filter	Eco Filter	Eco Filter
	Intelligent Lamp Control	Yes	-
	Emulation	Yes	Yes
	Daylight View	Daylight View Basic	Daylight View Premium
	Detail Clarity Processor	-	Detail Clarity Processor 3
	DICOM Simulation Mode	Yes	-
	Corner Keystone	Yes	-
	P-in-P/Side-by-Side	P-in-P/Side-by-Side	Side-by-Side
Wireless Ready	-	Wireless Manager ME 6.0*9, iOS*9, Android*9	
Audio Out During Standby	Yes	Yes	
Accessory	Replacement lamp	ET-LAE300	ET-LAF100A
	Optional accessories	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-PKE200B*8 (Bracket assembly) ET-RFE300 (Replacement filter unit)	ET-PKF110H (High ceiling mount bracket) ET-PKF110S (Low ceiling mount bracket) ET-EMF100 (Replacement filter unit) ET-WM200 (Wireless module)
	Optional lens	ET-ELW20 (Zoom lens, 1.3-1.7:1) ET-EL120 (Zoom lens, 2.8-4.6:1) ET-EL121 (Zoom lens, 4.6-7.2:1) ET-ELW21 (Fixed-focus lens, 0.8:1) ET-ELW22 (Zoom lens, 0.80-1.0:1)	-
	Standard accessories	Power cord with power cord holder, 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 remote control unit, batteries for remote control unit, software CD-ROM (Logo transfer software, Multi projector monitoring and control software, Wireless Manager ME 6.0)

\*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: Lens-less model. \*5: Height: with legs at shortest position. \*6: Depth: including the lens. \*7: Depth: 385 mm (15-5/32 inches) for the lens-less models. \*8: Compatible with ET-PKE200H and ET-PKE200S.

# PT-FX400



LCD Projector  
4,000 lm XGA

option\*  
WIRED LAN WIRELESS

20.3 mm (0.8 inches) LCD x 3
4:3
250 W UHM
4,000 lm
F 1.7-2.6, f 24.0-47.2 mm (1.48-2.96:1)
600:1
XGA (1,024 x 768)/MUXGA (1,920 x 1,200)
0.84-7.62 m (33-300 inches)
Vertical ±50 %, horizontal ±27 % (manual)
5.0 W (monaural)
HDMI in [HDMI 19-pin x 1 (HDCP compatible)]
DVI-I in [DVI-I 29-pin x 1 (Digital: HDCP compatible) (Analog: RGB/YPbPr/YCaCr x 1)]
Computer in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCr 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]

100-240 V AC, 3.9-1.4 A, 50/60 Hz
330 W
430 x 125.5 <sup>±5</sup> x 323 mm (16-15/16 x 4-15/16 <sup>±5</sup> x 12-23/32 inches)
Approx. 6.0 kg/13.2 lbs

Eco Filter
-
Yes
DayLight View Premium
Detail Clarity Processor 3
-
-
Side-by-Side
Wireless Manager ME 6.0 <sup>9</sup> , iOS <sup>9</sup> , Android <sup>9</sup>
Yes

ET-LAF100A
ET-PKF110H (High ceiling mount bracket)
ET-PKF110S (Low ceiling mount bracket)
ET-EMF100 (Replacement filter unit)
ET-WM200 (Wireless module)

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 ME 6.0)

## Key Features

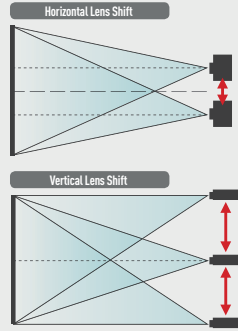
# Features for Flexible Installation and Maintaining Long-Lasting Image Quality

## Lens Shift Function

Horizontal/vertical lens shift lets you accommodate a wide range of room sizes and shapes without distorting projected images.

### Advantages

- When lights or ventilation holes are located in the ceiling mounting site, you can simply relocate the projector to avoid them.
- When replacing existing projectors, this can reduce costs by permitting the use of existing mounting positions and cables.



\* The shift range of the lens varies depending on the model.

Note: Please refer to the "Optical" section for models supporting the above functions.

## Eco Filter

Eco Filter efficiently captures dust and requires no replacement for long periods of time. And, as an environmental consideration, the filter can be washed with water and reused.\*

### Advantages

- Reduces maintenance cost and time.
- Dust resistant design keeps the air inside the projector clean for long periods of time and minimises brightness degradation.



Featured image is for the PT-FW30 Series.

\* When washing with water, please follow the procedures listed in the operating instructions. Also, we recommend replacing the filter with a new one after it has been washed and reused twice. If the filter is not sufficiently clean after washing, replace it with a new one.

Note: Please refer to the "Features" section for models supporting the above functions.

## Inorganic Panel

The LCD panels inside the LCD projector's optical block tend to degrade over time. Their degradation adversely affects image quality. Inorganic materials are used for the LCD panels to resist time-related changes in the optical block.

### Advantages

- The projector's optical block maintains a high level of performance and image quality over time.

\*9: To operate wireless projection, the optional wireless module ET-WM200 is required.

# Portable

PT-VZ575N



LCD Projector  
4,800 lm WUXGA WIRELESS LAN

PT-VZ570

NEW



LCD Projector  
4,800 lm WUXGA WIRELESS LAN

Optical	Panel type	16.3 mm (0.64 inches) LCD x 3	16.3 mm (0.64 inches) LCD x 3
	Aspect ratio	16:10	16:10
	Lamp	270 W UHM	270 W UHM
	Brightness	4,800 lm	4,800 lm
	Lens (throw ratio)	F 1.60-2.12, f 15.30-24.64 mm (1.1-1.8:1)	F 1.60-2.12, f 15.30-24.64 mm (1.1-1.8:1)
	Contrast (full on/full off)	10,000:1	10,000:1
	Resolution native/maximum*1	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)
	Screen size (diagonal)*2	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)
Lens shift	Vertical 0 - +44%	Vertical 0 - +44%	
Interface	Built-in speaker	10.0 W (monaural)	10.0 W (monaural)
	Terminals	HDMI in HDMI 19-pin x 2 Computer in 1 D-sub 15-pin (female) x 1 (RGB/Y PB (CB) PR (CR)/S-Video) Computer in 2/Monitor out D-sub 15-pin (female) x 1 (RGB/Y PB (Ca) Pp (Ca) (input/output switching)) Video in [Pin jack x 1] Audio in 1 M3 jack (L/R) x 1 Audio in 2 M3 jack (L/R) x 1, compatible with MIC input Audio in 3 Pin jack (L/R) x 1 Audio out M3 jack (L/R) x 1 (monitor out: variable) Serial in D-sub 9-pin (female) x 1 for external control (RS-232C compliant) USB A (USB type-A x 1) USB B (USB type-B x 1) LAN/DIGITAL LINK [RJ-45 x 1 for network connection, DIGITAL LINK 100Base-TX, compatible with PjLink™]	HDMI in HDMI 19-pin x 2 Computer in 1 D-sub 15-pin (female) x 1 (RGB/Y PB (CB) PR (CR)/S-Video) Computer in 2/Monitor out D-sub 15-pin (female) x 1 (RGB/Y PB (Ca) Pp (Ca) (input/output switching)) Video in [Pin jack x 1] Audio in 1 M3 jack (L/R) x 1 Audio in 2 M3 jack (L/R) x 1, compatible with MIC input Audio in 3 Pin jack (L/R) x 1 Audio out M3 jack (L/R) x 1 (monitor out: variable) Serial in D-sub 9-pin (female) x 1 for external control (RS-232C compliant) LAN [RJ-45 x 1 for network connection, 10Base-T/100Base-TX, compatible with PjLink™]
	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	Power consumption	386W	378 W
	Dimensions (W x H x D)	389 x 125 <sup>4</sup> x 332 mm (15-5/16 x 4-29/32 <sup>4</sup> x 13-1/16 inches)	389 x 125 <sup>4</sup> x 332 mm (15-5/16 x 4-29/32 <sup>4</sup> x 13-1/16 inches)
	Weight*3	Approx. 4.9 kg/10.8 lbs	Approx. 4.8 kg/10.6 lbs
	Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter
	Daylight View	Daylight View Basic	Daylight View Basic
	Wireless Ready	Miracast™, Wireless Manager, iOS, Android	-
	Memory Viewer	Yes	-
USB Display	Yes	-	
Audio Out During Standby	Yes	Yes	
Accessory	Replacement lamp	ET-LAV400	ET-LAV400
	Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV400 (Replacement filter unit)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV400 (Replacement filter unit)
	Standard accessories	Wireless remote control unit x 1, Power cord with power cord holder x 1 (x 2 for UK and Asia), Software CD-ROM x 1 (Operating instructions, Logo transfer software, Multi projector monitoring and control software, Wireless Manager ME 6.2 software), Batteries (AAA type x 2), RGB cable, Lens cap x 1	Wireless remote control unit x 1, Power cord with power cord holder x 1 (x 2 for UK and Asia), Software CD-ROM x 1 (Operating instructions, Logo transfer software, Multi projector monitoring and control software), Batteries (AAA type x 2), RGB cable, Lens cap x 1

\*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.



## PT-VW535N

NEW

DIGITAL LINK™



LCD Projector

5,000 lm

WXGA

WIRED LAN

WIRELESS

## PT-VW530

NEW



LCD Projector

5,000 lm

WXGA

WIRED LAN

### Key Features

## Supporting Stable Operation

### Early Warning Software

ET-SWA100 Early Warning Software monitors projectors and displays connected to an intranet and informs you when an abnormality is detected or predicted\*, and when there are symptoms of trouble. It can also record the operating conditions of each device and, based on the operating hours, it can predict\* and tell you approximately when consumable parts will be required, regular periodic cleaning will be necessary, and non-consumable parts will need to be replaced.

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



### Advantages

- Advance notice of required maintenance and problem prediction help to prevent or minimise downtime.
- Remote monitoring from your own device allows you to greatly speed up troubleshooting.
- Can be smoothly integrated to your existing monitoring system by using SNMP protocol.

Please visit PASS

([panasonic.net/avc/projector/pass/](http://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 about the ET-SWA100 and the compatible models, please visit the website >>

<http://business.panasonic.co.uk/visual-system/projectors/ET-SWA1000>

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)  
0.76-7.62 m (30-300 inches)  
Vertical 0 - +48%

10.0 W (monaural)  
HDMI in HDMI 19-pin x 2  
Computer in 1 D-sub 15-pin (female) x 1  
(RGB/Y/PB (CB) PR (CR)/S-Video)  
Computer in 2/Monitor out D-sub 15-pin (female) x 1  
(RGB/Y/PB (Ca) P<sub>a</sub> (Ca) (input/output switching))  
Video in [Pin jack x 1]  
Audio in 1 M3 jack (L/R) x 1  
Audio in 2 M3 jack (L/R) x 1, compatible with MIC input  
Audio in 3 Pin jack (L/R) x 1  
Audio out M3 jack (L/R) x 1 (monitor out: variable)  
Serial in D-sub 9-pin (female) x 1 for external control  
(RS-232C compliant)  
USB A [USB type-A x 1]  
USB B [USB type-B x 1]  
LAN/DIGITAL LINK [RJ-45 x 1 for network connection, DIGITAL LINK 100Base-TX, compatible with PLink™]

100-240 V AC, 50/60 Hz  
369W  
389 x 125<sup>4</sup> x 332 mm  
(15-5/16 x 4-29/32<sup>4</sup> x 13-1/16 inches)  
Approx. 4.9 kg/10.8 lbs

Pleated Micro Cut Filter  
Daylight View Basic  
Miracast™, Wireless Manager, iOS, Android  
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)

Wireless remote control unit x 1, Power cord with power cord holder x 1 (x 2 for UK and Asia), Software CD-ROM x 1 (Operating instructions, Logo transfer software, Multi projector monitoring and control software, Wireless Manager ME 6.2 software), Batteries (AAA type x 2), RGB cable, Lens cap x 1

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)  
0.76-7.62 m (30-300 inches)  
Vertical 0 - +48%

10.0 W (monaural)  
HDMI in HDMI 19-pin x 2  
Computer in 1 D-sub 15-pin (female) x 1  
(RGB/Y/PB (CB) PR (CR)/S-Video)  
Computer in 2/Monitor out D-sub 15-pin (female) x 1  
(RGB/Y/PB (Ca) P<sub>a</sub> (Ca) (input/output switching))  
Video in [Pin jack x 1]  
Audio in 1 M3 jack (L/R) x 1  
Audio in 2 M3 jack (L/R) x 1, compatible with MIC input  
Audio in 3 Pin jack (L/R) x 1  
Audio out M3 jack (L/R) x 1 (monitor out: variable)  
Serial in D-sub 9-pin (female) x 1 for external control  
(RS-232C compliant)  
LAN RJ-45 x 1 for network connection, 10Base-T/100Base-TX, compatible with PLink™

100-240 V AC, 50/60 Hz  
362W  
389 x 125<sup>4</sup> x 332 mm  
(15-5/16 x 4-29/32<sup>4</sup> x 13-1/16 inches)  
Approx. 4.8 kg/10.6 lbs

Pleated Micro Cut Filter  
Daylight View Basic  
-  
-  
Yes

ET-LAV400  
ET-PKL100H (High ceiling mount bracket)  
ET-PKL100S (Low ceiling mount bracket)  
ET-PKV400B (Bracket assembly)  
ET-RFV400 (Replacement filter unit)

Wireless remote control unit x 1, Power cord with power cord holder x 1 (x 2 for UK and Asia), Software CD-ROM x 1 (Operating instructions, Logo transfer software, Multi projector monitoring and control software), Batteries (AAA type x 2), RGB cable, Lens cap x 1

# Portable

PT-VX605N



LCD Projector  
5,500 lm XGA WIRELESS LAN

PT-VX600



LCD Projector  
5,500 lm XGA WIRELESS LAN

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	270 W UHM	270 W UHM	
	Brightness	5,500 lm	5,500 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 15.31-24.64 mm (1.2-1.9:1)	
	Contrast (full on/full off)	10,000:1	10,000:1	
	Resolution native/maximum*1	XGA (1,024 x 768)	XGA (1,024 x 768)	
	Screen size (diagonal)**2	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)	
Interface	Lens shift	Vertical 0 - +40%	Vertical 0 - +40%	
	Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	
	Terminals	HDMI in HDMI 19-pin x 2 Computer in 1 D-sub 15-pin (female) x 1 (RGB/Y PB (CB) PR (CR)/S-Video) Computer in 2/Monitor out D-sub 15-pin (female) x 1 (RGB/Y PB (Ca) Pp (Ca) (input/output switching)) Video in [Pin jack x 1] Audio in 1 M3 jack (L/R) x 1 Audio in 2 M3 jack (L/R) x 1, compatible with MIC input Audio in 3 Pin jack (L/R) x 1 Audio out M3 jack (L/R) x 1 (monitor out: variable) Serial in D-sub 9-pin (female) x 1 for external control (RS-232C compliant) USB A (USB type-A x 1) USB B (USB type-B x 1) LAN/DIGITAL LINK [RJ-45 x 1 for network connection, DIGITAL LINK 100Base-TX, compatible with PjLink™]	HDMI in HDMI 19-pin x 2 Computer in 1 D-sub 15-pin (female) x 1 (RGB/Y PB (CB) PR (CR)/S-Video) Computer in 2/Monitor out D-sub 15-pin (female) x 1 (RGB/Y PB (Ca) Pp (Ca) (input/output switching)) Video in [Pin jack x 1] Audio in 1 M3 jack (L/R) x 1 Audio in 2 M3 jack (L/R) x 1, compatible with MIC input Audio in 3 Pin jack (L/R) x 1 Audio out M3 jack (L/R) x 1 (monitor out: variable) Serial in D-sub 9-pin (female) x 1 for external control (RS-232C compliant) LAN [RJ-45 x 1 for network connection, 10Base-T/100Base-TX, compatible with PjLink™]	
	General	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
		Power consumption	369W	362W
		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		-	-	
Daylight View		Daylight View Basic	Daylight View Basic	
Easy Setting		-	-	
P-in-P/Side-by-Side		-	-	
Wireless Ready		Miracast™, Wireless Manager, iOS, Android	-	
Memory Viewer		Yes	-	
Accessory	USB Display	Yes	-	
	Audio Out During Standby	Yes	Yes	
Accessory	Replacement lamp	ET-LAV400	ET-LAV400	
	Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV400 (Replacement filter unit)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV400 (Replacement filter unit)	
	Standard accessories	Wireless remote control unit x 1, Power cord with power cord holder x 1 (x 2 for UK and Asia), Software CD-ROM x 1 (Operating instructions, Logo transfer software, Multi projector monitoring and control software, Wireless Manager ME 6.2 software), Batteries (AAA type x 2), RGB cable, Lens cap x 1	Wireless remote control unit x 1, Power cord with power cord holder x 1 (x 2 for UK and Asia), Software CD-ROM x 1 (Operating instructions, Logo transfer software, Multi projector monitoring and control software), Batteries (AAA type x 2), RGB cable, Lens cap x 1	

\*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: protruding parts not included.

## PT-VW345NZ



## PT-VW340Z



## PT-VX415NZ



15.0 mm (0.59 inches) LCD x 3 16:10 230 W UHM 3,700 lm F 1.60-2.12, f 15.30-24.64 mm (1.2-1.9:1) 3,000:1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) 0.76-7.62 m (30-300 inches) 49:1 (fixed)	15.0 mm (0.59 inches) LCD x 3 16:10 230 W UHM 3,700 lm F 1.60-2.12, f 15.30-24.64 mm (1.2-1.9:1) 3,000:1 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 4:3 230 W UHM 4,200 lm F 1.60-2.12, f 15.30-24.64 mm (1.2-1.9:1) 4,000:1 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/YCaCk 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 (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/YCaCk 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/YCaCk 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]
100-240 V AC, 50/60 Hz 300 W (100-120 V AC)/280 W (220-240 V AC) 352 x 98 <sup>4</sup> x 279.4 mm <sup>5</sup> (13-27/32 x 3-27/32 <sup>4</sup> x 11 inches) <sup>5</sup> Approx. 3.4 kg/7.5 lbs	100-240 V AC, 50/60 Hz 300 W (100-120 V AC)/280 W (220-240 V AC) 352 x 98 <sup>4</sup> x 279.4 mm <sup>5</sup> (13-27/32 x 3-27/32 <sup>4</sup> x 11 inches) <sup>5</sup> Approx. 3.3 kg/7.3 lbs	100-240 V AC, 50/60 Hz 300 W (100-120 V AC)/280 W (220-240 V AC) 352 x 98 <sup>4</sup> x 279.4 mm <sup>5</sup> (13-27/32 x 3-27/32 <sup>4</sup> x 11 inches) <sup>5</sup> Approx. 3.4 kg/7.5 lbs
Pleated Micro Cut Filter Yes Daylight View Basic Miracast™, Wireless Manager, iOS, Android P-in-P/Side-by-Side Miracast™, Wireless Manager, iOS, Android Yes Yes Yes	Pleated Micro Cut Filter Yes Daylight View Basic - P-in-P/Side-by-Side - - Yes	Pleated Micro Cut Filter Yes Daylight View Basic Yes - Miracast™, Wireless Manager, iOS, Android Yes Yes Yes
ET-LAV300 ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV101B (Bracket assembly) ET-RFV300 (Replacement filter unit)	ET-LAV300 ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV101B (Bracket assembly) ET-RFV300 (Replacement filter unit)	ET-LAV300 ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV101B (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 ME 6.0)	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)	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 ME 6.0)

# Portable

## PT-VX410Z



## PT-VX42Z



Optical	<b>Panel type</b>	16.0 mm (0.63 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3	
	<b>Aspect ratio</b>	4:3	4:3	
	<b>Lamp</b>	230 W UHM	230 W UHM	
	<b>Brightness</b>	4,200 lm	4,000 lm	
	<b>Lens (throw ratio)</b>	F 1.60-2.12, f 15.30-24.64 mm (1.2-1.9:1)	F 1.60-1.76, f 22.33-26.80 mm (1.7-2.1:1)	
	<b>Contrast (full on/full off)</b>	4,000:1	4,000:1	
	<b>Resolution native/maximum*1</b>	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	
	<b>Screen size (diagonal)*2</b>	0.76-7.62 m (30-300 inches)	1.02-7.62 m (40-300 inches)	
Interface	<b>Lens shift</b>	9:1 (fixed)	9:1 (fixed)	
	<b>Built-in speaker</b>	10.0 W (monaural)	10.0 W (monaural)	
	<b>Terminals</b>	HDMI in (HDMI 19-pin x 1 (HDCP compatible)) Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCa 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)]	HDMI in (HDMI 19-pin x 1 (HDCP compatible)) Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCa 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)]	
	General	<b>Power supply</b>	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
		<b>Power consumption</b>	300 W (100-120 V AC)/280 W (220-240 V AC)	300 W (100-120 V AC)/280 W (220-240 V AC)
		<b>Dimensions (W x H x D)</b>	352 x 98*4 x 279.4 mm*5 (13-27/32 x 3-27/32*4 x 11 inches)*5	352 x 98*4 x 255 mm*5 (13-27/32 x 3-27/32*4 x 10-1/32 inches)*5
		<b>Weight*3</b>	Approx. 3.3 kg/7.3 lbs	Approx. 3.2 kg/7.1 lbs
	Features	<b>Filter</b>	Pleated Micro Cut Filter	Pleated Micro Cut Filter
<b>Emulation</b>		Yes	Yes	
<b>Daylight View</b>		Daylight View Basic	Daylight View Basic	
<b>Corner Keystone</b>		-	-	
<b>Curved Screen Correction</b>		-	-	
<b>Memory Viewer</b>		-	-	
<b>USB Display</b>		-	-	
<b>Audio Out During Standby</b>		Yes	Yes	
Accessory	<b>Replacement lamp</b>	ET-LAV300	ET-LAV300	
	<b>Optional accessories</b>	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV101B (Bracket assembly) ET-RFV300 (Replacement filter unit)	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV101B (Bracket assembly) ET-RFV300 (Replacement filter unit)	
	<b>Standard accessories</b>	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)	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)	

\*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 protruding parts.

## PT-LW330



## PT-LB360



15.0 mm (0.59 inches) LCD x 3 16:10 230 W UHM 3,300 lm F 1.60-1.76, f 19.16-23.02 mm (1.48-1.78:1) 10,000:1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) 0.76-7.62 m (30-300 inches) 13:1 (fixed)	16.0 mm (0.63 inches) LCD x 3 4:3 230 W UHM 3,700 lm F 1.60-1.76, f 19.16-23.02 mm (1.48-1.78:1) 10,000:1 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/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]	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/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 <sup>4</sup> x 252 mm (13-3/16 x 3-25/32 <sup>4</sup> x 9-29/32 inches) Approx. 2.8 kg/6.2 lbs	100-240 V AC, 50/60 Hz 300 W 335 x 96 <sup>4</sup> x 252 mm (13-3/16 x 3-25/32 <sup>4</sup> x 9-29/32 inches) Approx. 2.8 kg/6.2 lbs
Pleated Micro Cut Filter - Daylight View Lite Yes Yes Yes Yes -	Pleated Micro Cut Filter - Daylight View Lite Yes Yes 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-ADSV (D-Sub/S-VIDEO conversion cable)	ET-LAL500 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)
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)

# Portable

## PT-LB330



## PT-LB280



Optical	<b>Panel type</b>	16.0 mm (0.63 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3
	<b>Aspect ratio</b>	4:3	4:3
	<b>Lamp</b>	230 W UHM	230 W UHM
	<b>Brightness</b>	3,300 lm	2,800 lm
	<b>Lens (throw ratio)</b>	F 1.60-1.76, F 19.16-23.02 mm (1.48-1.78:1)	F 2.1-2.25, F 19.11 mm-22.94 mm
	<b>Contrast (full on/full off)</b>	10,000:1	10,000:1
	<b>Resolution native/maximum*1</b>	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)
	<b>Screen size (diagonal)*2</b>	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)
	<b>Lens shift</b>	6:1 (fixed)	6:1 (fixed)
Interface	<b>Built-in speaker</b>	10.0 W (monaural)	2.0 W (monaural)
	<b>Terminals</b>	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/Yp/Pb/Y/Ca/Cr /S-VIDEO x 1)] Computer in 2/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/Yp/Pb/Y/Ca/Cr /S-VIDEO x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)]
General	<b>Power supply</b>	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	<b>Power consumption</b>	300 W	300 W
	<b>Dimensions (W x H x D)</b>	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)
	<b>Weight*3</b>	Approx. 2.8 kg/6.2 lbs	Approx. 2.8 kg/6.2 lbs
Features	<b>Filter</b>	Pleated Micro Cut Filter	Pleated Micro Cut Filter
	<b>Emulation</b>	-	-
	<b>Daylight View</b>	Daylight View Lite	Daylight View Lite
	<b>Corner Keystone</b>	Yes	-
	<b>Curved Screen Correction</b>	Yes	-
	<b>Memory Viewer</b>	Yes	-
	<b>USB Display</b>	Yes	-
	<b>Audio Out During Standby</b>	-	-
Accessory	<b>Replacement lamp</b>	ET-LAL500	ET-LAL500
	<b>Optional accessories</b>	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)
	<b>Standard accessories</b>	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

\*1: Input signals that exceed the native resolution will be converted to the native resolution. \*2: The screen size is that of the original aspect ratio. \*3: Average value. Each product has an individual variable in weight. \*4: Height: with legs at shortest position.

## Short Throw

## PT-TW341R



## PT-TW340



Optical	<b>Panel type</b>	15.0 mm (0.59 inches) LCD x 3	15.0 mm (0.59 inches) LCD x 3
	<b>Aspect ratio</b>	16:10	16:10
	<b>Lamp</b>	230 W UHM	230 W UHM
	<b>Brightness</b>	3,200 lm	3,200 lm
	<b>Lens (throw ratio)</b>	F 1.8, f 6.08 mm (0.46:1)	F 1.8, f 6.08 mm (0.46:1)
	<b>Contrast (full on/full off)</b>	10,000:1	10,000:1
	<b>Resolution native/maximum*1</b>	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)
	<b>Screen size (diagonal)**2</b>	1.27-2.54 m (50-100 inches)	1.27-2.54 m (50-100 inches)
<b>Lens shift</b>	7.2:-1 (fixed)	7.2:-1 (fixed)	
Interface	<b>Built-in speaker</b>	10.0 W (monaural)	10.0 W (monaural)
	<b>Terminals</b>	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/Y/Pa/Pa/Y/Ca/Ca/S-VIDEO x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB A [USB type-A x 1] USB B [USB type-B x 1] Mini USB [Mini USB x 1, for interactive function]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/Y/Pa/Pa/Y/Ca/Ca/S-VIDEO x 1)] Computer in 2/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]
	<b>Power supply</b>	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	<b>Power consumption</b>	300 W	300 W
	<b>Dimensions (W x H x D)</b>	335 x 134.1 <sup>4</sup> x 329 mm (13-3/16 x 5-9/32 <sup>4</sup> x 12-15/16 inches)	335 x 134.1 <sup>4</sup> x 329 mm (13-3/16 x 5-9/32 <sup>4</sup> x 12-15/16 inches)
	<b>Weight*3</b>	Approx. 3.8 kg/8.4 lbs	Approx. 3.8 kg/8.4 lbs
	<b>Daylight View</b>	Daylight View Lite	Daylight View Lite
	<b>Corner Keystone</b>	Yes	Yes
	<b>Curved Screen Correction</b>	Yes	Yes
	<b>3D Ready</b>	-	-
<b>Interactive Function</b>	Yes	-	
<b>Memory Viewer</b>	Yes	Yes	
<b>USB Display</b>	Yes	Yes	
<b>Audio Out During Standby</b>	-	-	
Accessory	<b>Replacement lamp</b>	ET-LAL500	ET-LAL500
	<b>Optional accessories</b>	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-PEN100 (Interactive pen) ET-PNT100 (Interactive pointer)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL430B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-ADSV (D-Sub/S-VIDEO conversion cable)
	<b>Standard accessories</b>	Power cord, wireless remote control unit, battery for remote control unit, computer cable, USB cable, interactive pen (x 2), batteries for interactive pen, software CD-ROM (Multi projector monitoring and control software, LightPen3)	Power cord, wireless remote control unit, battery for remote control unit, computer cable, software CD-ROM (Multi projector monitoring and control software)

\*1: Input signals that exceed the native resolution will be converted to the native resolution. \*2: The screen size is that of the original aspect ratio. \*3: Average value. Each product has an individual variable in weight. \*4: Height: with legs at shortest position.

# Short Throw

## PT-TW250



LCD Projector  
2,800 lm WXGA **WIRED LAN**

## PT-TX400



LCD Projector  
3,500 lm XGA **WIRED LAN**

Optical	<b>Panel type</b>	15.0 mm (0.59 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3
	<b>Aspect ratio</b>	16:10	4:3
	<b>Lamp</b>	230 W UHM	230 W UHM
	<b>Brightness</b>	2,800 lm	3,500 lm
	<b>Lens (throw ratio)</b>	F 1.8, f 6.08 mm (0.46:1)	F 1.8, f 6.08 mm (0.46:1)
	<b>Contrast (full on/full off)</b>	10,000:1	10,000:1
	<b>Resolution native/maximum*1</b>	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)
	<b>Screen size (diagonal)*2</b>	1.27-2.54 m (50-100 inches)	1.27-2.54 m (50-100 inches)
<b>Lens shift</b>	7.2:-1 (fixed)	21:1 (fixed)	
Interface	<b>Built-in speaker</b>	10.0 W (monaural)	10.0 W (monaural)
	<b>Terminals</b>	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/Yp/Pb/YCa/Ca/S-VIDEO x 1)] Computer in 2/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/Yp/Pb/YCa/Ca/S-VIDEO x 1)] Computer in 2/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]
	<b>Power supply</b>	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	<b>Power consumption</b>	300 W	300 W
	<b>Dimensions (W x H x D)</b>	335 x 134.1 <sup>4</sup> x 329 mm (13-3/16 x 5-9/32 <sup>4</sup> x 12-15/16 inches)	335 x 134.1 <sup>4</sup> x 329 mm (13-3/16 x 5-9/32 <sup>4</sup> x 12-15/16 inches)
	<b>Weight*3</b>	Approx. 3.8 kg/8.4 lbs	Approx. 3.8 kg/8.4 lbs
	<b>Daylight View</b>	Daylight View Lite	Daylight View Lite
	<b>Corner Keystone</b>	Yes	Yes
<b>Curved Screen Correction</b>	Yes	Yes	
<b>3D Ready</b>	-	-	
<b>Interactive Function</b>	-	-	
<b>Memory Viewer</b>	Yes	Yes	
<b>USB Display</b>	Yes	Yes	
<b>Audio Out During Standby</b>	-	-	
Accessory	<b>Replacement lamp</b>	ET-LAL500	ET-LAL500
	<b>Optional accessories</b>	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-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)
	<b>Standard accessories</b>	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.



# Home Cinema

## PT-AT6000



LCD Projector  
2,400 lm  
3D FULL HD

## PT-AH1000



LCD Projector  
2,800 lm

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 <sup>5</sup>	2,800 lm <sup>5</sup>
	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 <sup>6</sup>	50,000:1 <sup>6</sup>
	Resolution native/maximum <sup>*1</sup>	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) <sup>*2</sup>	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 % <sup>*7</sup>	Vertical: ±65 %, horizontal: ±26 % <sup>*7</sup>
Interface	Built-in speaker	-	-
	Terminals	HDMI in [HDMI 19-pin x 3 (HDCP/HDAVI Control Version 5 compliant)] Computer in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCa x 1)] Component in [Pin jack x 3 (YPbPr/YCaCa x 3)] Trigger in/Trigger out/3D shutter out [M3 x 2] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Serial [D-sub 9-pin x 1 (RS-232C)]	HDMI in [HDMI 19-pin x 2 (HDCP/HDAVI Control Version 5 compliant)] Computer in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCa x 1)] Component in [Pin jack x 3 (YPbPr/YCaCa 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	310W	350 W
	Dimensions (W x H x D)	470 x 151 <sup>4</sup> x 364 mm (18-17/32 x 5-15/16 <sup>4</sup> x 14-11/32 inches)	470 x 151 <sup>4</sup> x 380 mm (18-17/32 x 5-15/16 <sup>4</sup> x 14-31/32 inches)
	Weight <sup>*3</sup>	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 Harmoniser	-	Light Harmoniser 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-EW303M (3D eyewear)	ET-PKA110H (High ceiling mount bracket) ET-PKA110S (Low ceiling mount bracket)
	Standard accessories	Power cord, wireless remote control unit, batteries for remote control unit	Power cord, wireless remote control unit, batteries for remote control unit

\*1: Input signals that exceed the native resolution will be converted to the native resolution. \*2: The screen size is that of the original aspect ratio. \*3: Average value. Each product has an individual variable in weight. \*4: Height: with legs at shortest position. \*5: In Dynamic mode, with dynamic iris on. \*6: In Cinema 1 mode, with dynamic iris on. \*7: Shift range is limited during simultaneous horizontal and vertical shifting.

## Geometric Adjustment Feature and Upgrade Kits Enhance the Potential of Audio Visual Solutions

Flexible projection with a peripheral system turns image viewing into a memorable experience. Panasonic offers features that provide truly unique applications.

### Geometric Adjustment

Projectors with a built-in Geometric Adjustment function expand projection capability onto spherical, cylindrical and other specially shaped screens. New Geometric Adjustment for the PT-DZ21K/DS20K/DZ16K/DZ13K/DS12K/DZ870/RZ670 has 4-Corner Adjustment and Keep Aspect Off functions for simple and fine adjustment.



### Geometry Manager Pro Software and Upgrade Kit maximise the projector's performance

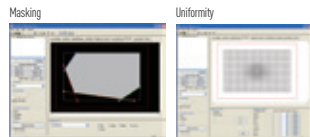
Using Geometry Manager Pro Software allows you to perform real-time geometric compensation and other fine adjustments and corrections that cannot be handled on the projector side.



### More Flexible & Functional Activation

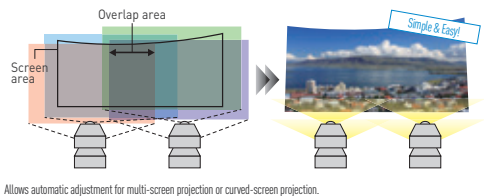
#### ■ Upgrade Kit for Geometry Manager Pro (ET-UK20)

The optional upgrade kit (ET-UK20) can be used to expand the correctable range for Geometry Manager Pro Software. It also supports Custom Masking, Uniformity Correction, and other useful functions for multi-projector setups (max. 64 units). Its flexible and complex projection capability suits a wide variety of screen shapes.



#### ■ Auto Screen Adjustment Upgrade Kit (ET-CUK10)\*

The ET-CUK10 Auto Screen Adjustment Upgrade Kit activates the Auto Screen Adjustment plug-in software. This plug-in software expands the functions of Geometry Manager Pro, and 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-DZ21K	PT-DS20K	PT-DZ16K	PT-DZ13K	PT-DS12K	PT-DZ10K	PT-DZ870	ET-RZ670
Geometric Adjustment	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Geometry Manager Pro Software	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
ET-UK20	Yes	Yes	No	Yes	Yes	No	Yes	Yes
ET-CUK10*	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes

\* A firmware update is required to use these functions.

For more information, please contact the sales company in your region.

For downloading/activating the software and optional upgrade kits, please visit the PASS system >> [panasonic.net/avc/projector/pass/](http://panasonic.net/avc/projector/pass/)

# Why Panasonic Wireless Projector?

Wireless projectors require no cables for PC connection. That means you don't have to worry about cable lengths, and you can flexibly lay out the system for fast, easy setup and removal. Panasonic's wireless projectors are designed for easy operation, and their multi-device and multi-connection capabilities give them advanced functions that greatly expand their usage.



Large-Venue

Installation

Portable

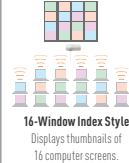
Short Throw

Home Cinema

## Wireless Manager ME 5.5/6.2 Multifunctional Application Software



The Wireless Manager ME 5.5/6.2 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. Additionally, screen images from multiple computers can be projected by using Multi-Live mode.



When using the [SIMPLE], [M-DIRECT] or [S-DIRECT] setting for your projector, you can connect up to 10 PCs at the same time in Multi-Live mode.

### The Optional Easy Wireless Stick (ET-UW100) Simplifies Wireless Projection

The ET-UW100 Easy Wireless Stick integrates a wireless application and a wireless LAN adapter. Simply plug it into the computer's USB port for easy wireless projection of the computer screen without installing Wireless Manager ME5.5/6.2.

Note: The availability of the ET-UW100 varies depending on the country. A firmware update is required to use the ET-UW100 with the PT-VZ575N/NW535N/NX605N. For details, see the ET-UW100 Firmware Update Tool page.

For more information, please visit the website >> <http://panasonic.net/avc/projector/software/#uw100-firmware>



## Wireless Projection from Tablet Devices or Smartphones



"Panasonic Wireless Projector for iOS" Application\* or "Panasonic Wireless Projector for Android" Application\* allows wireless projection from tablet devices or smartphones.

### Projectable documents\*\*



\* They can both be downloaded for free. the iOS version from the AppStore, and the Android version from Google Play.  
\*\* Text, RichText, and Keynote files are not supported by Wireless Projector for Android.

## Miracast™ Wireless Projection\*



You can connect a Miracast-compatible PC, tablet or Android phone directly to the projector without having to access a Wi-Fi® network. This instantly mirrors whatever is on your screen, such as Full-HD

video, websites, online video streams, and PowerPoint® documents.

- No need to install software or applications
- HDCP 2.1 compliant
- High quality video and audio transfer

\* Wireless projection with devices that are not Miracast-compatible or wireless projection from multiple devices requires the installation of dedicated software.

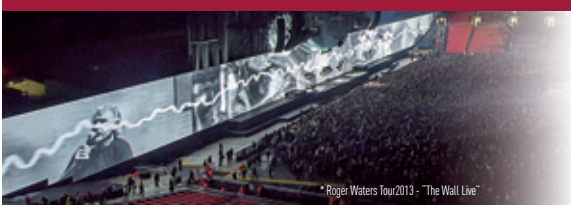
For more information, please visit the website >> [panasonic.net/avc/projector/](http://panasonic.net/avc/projector/)

Supports future-technology Miracast™-compatible devices.



The list of tested Miracast™-compatible devices will be updated on global website.

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



\* Roger Waters Tour 2013 - "The Wall Live"

## 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

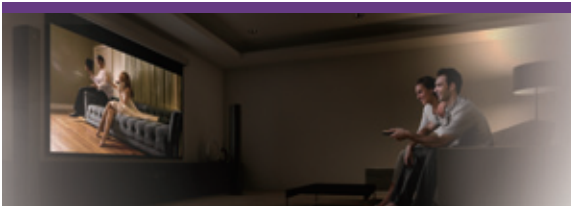
### Recommended Applications:

- Medium to Small Classrooms
- Meeting Rooms

## Short Throw

### Recommended Applications:

- Small Classrooms
- Meeting Rooms



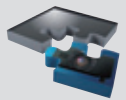
## Home Cinema

### Recommended Applications:

- Home Theater Rooms
- Living Rooms

Panasonic has considerable experience in providing projectors and professional displays to customers in various businesses. Panasonic is able to consult the right visual solution that meets your need.

For more information about One Stop Visual Solution >> [panasonic.net/avc/projector/one\\_stop](http://panasonic.net/avc/projector/one_stop)



# Panasonic®

Weights and dimensions shown are approximate. Specifications and appearance are subject to change without notice. Product availability differs depending on region and country. These products may be subject to export control regulations. Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. DLP is a trademark or registered trademark of Texas Instruments. HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. HDBaseT™ is a trademark of the HDBaseT Alliance. All other trademarks are the property of their respective trademark owners. Projection images simulated. © 2014 Panasonic Corporation. All rights reserved.

For more information visit:

>>> [business.panasonic.co.uk/visual-system](http://business.panasonic.co.uk/visual-system)

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All information included here is valid as of May 2014.