

Panasonic

BUSINESS



"York Minster" the UK



"Tiburg University" The Netherlands



"Japonismes 2018" France
MOTOKO ISHII LIGHTING DESIGN

PROJECTORS

Line-up Catalog February 2019



Worldwide
Olympic Partner



Worldwide
Paralympic Partner



Panasonic projectors at work in a variety of fields and locations



"Japonismes Eiffel Tower" France



"De Stormruiter" Netherlands



"Michelangelo and the Secrets of the Sistine Chapel" Italy



"Boy Meets World Europe Tour" Various European Regions

Events / Rental Staging

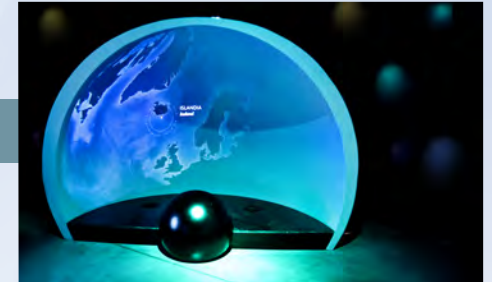


Superior picture quality and reliability for large-scale projection.



Museum / Exhibition

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



"Hydropolis"

CASE STUDIES

Education / Training



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



"Out of This World Projection" the UK



"Tilburg University" The Netherlands



Simulation/Monitoring

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



"Alsim flight simulator" France

Panasonic Projectors product lineup

SOLID SHINE Series

● PT-RQ32K >P5



26,000 lm
SOLID SHINE LASER 4K

● PT-RZ31K Series >P5



30,000 lm
SOLID SHINE LASER

● PT-RQ22K >P6



20,000 lm
SOLID SHINE LASER 4K

● PT-RZ21K Series >P6



20,000 lm
SOLID SHINE LASER

● PT-DZ21K2 Series >P9



16,000-20,000 lm
DLP

20,000 lm

SOLID SHINE Series

● PT-RQ13K >P7



10,000 lm
SOLID SHINE LASER 4K

● PT-RZ12K Series >P8



12,000 lm
SOLID SHINE LASER

● PT-RZ120 >P13 **NEW**



12,000 lm
SOLID SHINE LASER

● PT-DZ13K >P11



12,000 lm
DLP

10,000 lm

SOLID SHINE Series

● PT-RZ970 Series >P13



9,400-10,000 lm
SOLID SHINE LASER

● PT-RZ870 >P14



8,500 lm
SOLID SHINE LASER

● PT-RZ770 Series >P15



7,000 lm
SOLID SHINE LASER

● PT-MZ770 Series >P18



8,000 lm
SOLID SHINE LASER

● PT-DZ870 Series >P23



8,500-10,000 lm
DLP

● PT-DZ780 Series >P24



7,000-8,200 lm
DLP

7,000 lm

SOLID SHINE Series

● PT-RZ660 Series >P16



6,000 lm
SOLID SHINE LASER

● PT-RZ570 Series >P17



5,000-5,200 lm
SOLID SHINE LASER

● PT-MZ670 Series >P19



5,500-6,500 lm
SOLID SHINE LASER

● PT-VMZ50 Series >P30 **NEW**



4,500-5,000 lm
SOLID SHINE LASER

● PT-EZ770 Series >P25



6,500-7,500 lm

● PT-EZ590 Series >P26



5,000-6,200 lm

● PT-VZ580 Series >P31



5,000-5,500 lm

5,000 lm

SOLID SHINE Series

● PT-RZ470 Series >P21



3,000-3,500 lm
SOLID SHINE

● PT-RZ370 Series >P22



3,500 lm
SOLID SHINE

● PT-FZ570 Series >P29



4,500-5,000 lm

● PT-VZ470 >P34



4,400 lm

● PT-VW360 Series >P35



4,000-4,500 lm

● PT-LB425 Series >P36



3,100-4,100 lm

● PT-TW370 Series >P39



3,200-3,800 lm

3,000 lm

● PT-JX200 >P41



2,000 lm
SOLID SHINE LASER

● PT-JW130 >P41



1,000 lm
SOLID SHINE LASER

- Large-Venue
- Installation
- Portable
- Short Throw
- Space Player
- 3-Chip DLP™ models
- 1-Chip DLP™ models
- LCD models

Large-Venue

PT-RQ32K



26,000 lm / 27,000 lm (Center)*7 | 4K*6
* Lens sold separately.



PT-RZ31K



30,000 lm / 31,000 lm (Center)*7 | WUXGA
* Lens sold separately.



PT-RS30K



30,000 lm / 31,000 lm (Center)*7 | SXGA+
* Lens sold separately.



PT-RQ22K



20,000 lm / 21,000 lm (Center)*7 | 4K*6
* Lens sold separately.



PT-RZ21K



20,000 lm / 21,000 lm (Center)*7 | WUXGA
* Lens sold separately.



Projector type	3-Chip DLP™ Projector	3-Chip DLP™ Projector	3-Chip DLP™ Projector	3-Chip DLP™ Projector	3-Chip DLP™ Projector
Panel size	22.9 mm (0.9 in)	24.4 mm (0.96 in)	24.1 mm (0.95 in)	22.9 mm (0.9 in)	24.4 mm (0.96 in)
Aspect ratio	16:10	16:10	4:3	16:10	16:10
Number of pixels	4,096,000 (2,560 x 1,600) x 3, total of 12,288,000 pixels	2,304,000 (1,920 x 1,200) x 3, total of 6,912,000 pixels	1,470,000 (1,400 x 1,050) x 3, total of 4,410,000 pixels	4,096,000 (2,560 x 1,600) x 3, total of 12,288,000 pixels	2,304,000 (1,920 x 1,200) x 3, total of 6,912,000 pixels
Light source	Laser diodes	Laser diodes	Laser diodes	Laser diodes	Laser diodes
Light output	26,000 lm (HIGH) / 27,000 lm (Center)*7	30,000 lm (HIGH) / 31,000 lm (Center)*7	30,000 lm (HIGH) / 31,000 lm (Center)*7	20,000 lm (NORMAL) / 21,000 lm (Center)*7	20,000 lm (NORMAL) / 21,000 lm (Center)*7
Time until light output declines to 50%*1	18,000 hours (HIGH)/20,000 hours (NORMAL)/43,800 hours (LONG LIFE1)/61,320 hours (LONG LIFE2)/87,600 hours (LONG LIFE3)	18,000 hours (HIGH)/20,000 hours (NORMAL)/43,800 hours (LONG LIFE1)/61,320 hours (LONG LIFE2)/87,600 hours (LONG LIFE3)	18,000 hours (HIGH)/20,000 hours (NORMAL)/43,800 hours (LONG LIFE1)/61,320 hours (LONG LIFE2)/87,600 hours (LONG LIFE3)	20,000 hours [NORMAL]/24,000 hours [ECO]	20,000 hours [NORMAL]/24,000 hours [ECO]
Resolution	4K* (5,120 x 3,200)	WUXGA (1,920 x 1,200)	SXGA+ (1,400 x 1,050)	4K* (5,120 x 3,200)	WUXGA (1,920 x 1,200)
Contrast (full on/full off)	20,000:1	20,000:1	20,000:1	20,000:1	20,000:1
Screen size (diagonal)	1.78-25.4 m (70-1,000 in)*8	1.78-25.4 m (70-1,000 in)*8	1.78-25.4 m (70-1,000 in)*8	1.78-25.4 m (70-1,000 in)*8	1.78-25.4 m (70-1,000 in)*8
Lens shift*2	Vertical: ±59%*9, Horizontal: ±29%*9 (powered)	Vertical: ±55%*11, Horizontal: ±20%*11 (powered)	Vertical: ±50%*12, Horizontal: ±30%*12 (powered)	Vertical: ±59%*9, Horizontal: ±29%*9 (powered)	Vertical: ±55%*11, Horizontal: ±20%*11 (powered)
Filter Replacement Cycle	4,000 hours [NORMAL]/2,000 hours (HIGH)/20,000 hours (LONG LIFE1/2/3)	4,000 hours [NORMAL]/2,000 hours (HIGH)/20,000 hours (LONG LIFE1/2/3)	4,000 hours [NORMAL]/2,000 hours (HIGH)/20,000 hours (LONG LIFE1/2/3)	- (No filter)	- (No filter)
Installation	360-degree free installation	360-degree free installation	360-degree free installation	360-degree free installation	360-degree free installation
Terminals	SDI in [BNC x 4 (3G/HD/SD-SDI, Dual-link 3G/HD-SDI, Quad-link 3G/HD-SDI)] SYNC in/out [BNC x 1 (3D timing signal)] SYNC out [BNC x 1 (3D timing signal)] Serial in [D-sub 9-pin x 1] Serial out [D-sub 9-pin x 1] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] DC out [USB type-A x 2 (for power supply [DC 5 V, up to 900 mA])]	SDI in [BNC x 2 (3G/HD/SD-SDI, Dual-link 3G/HD-SDI)] HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] 3D SYNC in/out / Multi Projector Sync in [BNC x 1] 3D SYNC out / Multi Projector Sync out [BNC x 1] Serial in [D-sub 9-pin x 1 (RS232C)] Serial out [D-sub 9-pin x 1 (RS232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] DC out [USB type-A x 2 (for power supply [DC 5 V, up to 900 mA])]	SDI in [BNC x 2 (3G/HD/SD-SDI, Dual-link 3G/HD-SDI)] HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] 3D SYNC in/out / Multi Projector Sync in [BNC x 1] 3D SYNC out / Multi Projector Sync out [BNC x 1] Serial in [D-sub 9-pin x 1 (RS232C)] Serial out [D-sub 9-pin x 1 (RS232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] DC out [USB type-A x 2 (for power supply [DC 5 V, up to 900 mA])]	SDI in [BNC x 4 (3G/HD/SD-SDI, Dual-link 3G/HD-SDI, Quad-link 3G/HD-SDI)] Multi Projector Sync in [BNC x 1] Multi Projector Sync out [BNC x 1] RGB 1 in [BNC x 5] [RS-232C] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] DC out [USB type-A x 2 (for power supply [DC 5 V, up to 2 A])]	SDI in [BNC x 2 (3G/HD/SD-SDI, Dual-link 3G/HD-SDI)] HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] 3D SYNC in/out / Multi Projector Sync in [BNC x 1] 3D SYNC out / Multi Projector Sync out [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] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] DC out [USB type-A x 2 (for power supply [DC 5 V, up to 2 A])]
Power supply	100-240 V AC, 50/60 Hz*10	100-240 V AC, 50/60 Hz*10	100-240 V AC, 50/60 Hz*10	200-240 V AC, 50/60 Hz	100-120 V, 200-240 V AC, 50/60 Hz
Power consumption	2,950 W	2,870 W	2,870 W	1,650 W	1,510 W
BTU value	Max. 10,079 BTU	Max. 9,396 BTU	Max. 9,396 BTU	Max. 5,364 BTU	Max. 5,159 BTU
Operation noise	49 dB	49 dB	49 dB	46 dB	46 dB
Dimensions (W x H*3 x D*4)	700 x 418 x 1070 mm (27-9/16 x 14-19/32 x 42-5/32 in)	700 x 418 x 1070 mm (27-9/16 x 14-19/32 x 42-5/32 in)	700 x 418 x 1070 mm (27-9/16 x 14-19/32 x 42-5/32 in)	598 x 270 x 725 mm (23-17/32 x 10-5/8 x 28-17/32 in)	598 x 270 x 725 mm (23-17/32 x 10-5/8 x 28-17/32 in)
Weight*5	Approx. 83 kg/182 lbs	Approx. 79.0 kg/174 lbs	Approx. 79.0 kg/174 lbs	Approx. 54.0 kg/119 lbs	Approx. 49.0 kg/108 lbs
Optional accessories	ET-EMF330 (Replacement filter unit) ET-EMFU330 (Long life filter) ET-SFR330 (Smoke cut filter) ET-D75MKS10 (Stepping Motor Kit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) ET-MDNDV10 (DVI-D Input Board) ET-MDNHM10 (HDMI Input Board) ET-MDN12G10 (12G-SDI Input Board) TY-TBN03G (3G-SDI Input Board)	ET-EMF330 (Replacement filter unit) ET-EMFU330 (Long life filter) ET-SFR330 (Smoke cut filter) ET-D75MKS10 (Stepping Motor Kit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit)	ET-EMF330 (Replacement filter unit) ET-EMFU330 (Long life filter) ET-SFR330 (Smoke cut filter) ET-D75MKS10 (Stepping Motor Kit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit)	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PKD520B (Attachment for ceiling mount bracket) ET-PFD510 (Frame) ET-D75MKS10 (Stepping Motor kit) ET-PLF10 (Lens Fixed Attachment) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) ET-MDNDV10 (DVI-D Input Board) ET-MDNHM10 (HDMI Input Board) ET-MDN12G10 (12G-SDI Input Board) TY-TBN03G (3G-SDI Input Board)	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PKD520B (Attachment for ceiling mount bracket) ET-PFD510 (Frame) ET-D75MKS10 (Stepping Motor kit) ET-PLF10 (Lens Fixed Attachment) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit)
Optional lens	Yes (see the Optional Lenses page: P49)	Yes (see the Optional Lenses page: P49)	Yes (see the Optional Lenses page: P49)	Yes (see the Optional Lenses page: P49)	Yes (see the Optional Lenses page: P49)

*1: After approximately 20,000 hours, cleaning needs to be performed by the vendor which you purchased from. The light source's lifetime may be shortened due to environmental conditions and operating mode. *2: The lens shift cannot be used or its range of operation is limited with a fixed-focus lens. *3: Height; with legs at shortest position. *4: Depth; protruding parts not included. *5: Average value. Each product has an individual variable in weight. *6: Resolution 5,120 x 3,200 Pixels (QUAD PIXEL DRIVE: ON) *7: Luminance measured at center of screen.

*8: 1.78-15.24 m (70-600 in) with the ET-D75LE8/D3LET80. 3.05-15.24 m (120-600 in) with the ET-D75LE95. *9: Vertical ±56% and horizontal ±19% with the ET-D75LE6/ET-D3LEW60. *10: Brightness restricted with voltage lower than 200 V. *11: Vertical ±44% and horizontal ±15% with the ET-D75LE6/ET-D3LEW60. *12: Vertical ±40% and horizontal ±20% with the ET-D75LE6/ET-D3LEW60.

Large-Venue

PT-RS20K



20,000 lm / 21,000 lm (Center)*7 | SXGA+
* Lens sold separately.



PT-RQ13K



10,000 lm | 4K* *6
* Lens sold separately.



PT-RZ12K



12,000 lm | WUXGA
* Lens sold separately.



PT-RS11K



12,000 lm | SXGA+
* Lens sold separately.



Projector type	3-Chip DLP™ Projector	3-Chip DLP™ Projector	3-Chip DLP™ Projector	3-Chip DLP™ Projector
Panel size	24.1 mm (0.95 in)	22.9 mm (0.9 in)	24.4 mm (0.96 in)	24.1 mm (0.95 in)
Aspect ratio	4:3	16:10	16:10	4:3
Number of pixels	1,470,000 (1,400 x 1,050) x 3, total of 4,410,000 pixels	4,096,000 (2,560 x 1,600) x 3, total of 12,288,000 pixels	2,304,000 (1,920 x 1,200) x 3, total of 6,912,000 pixels	1,470,000 (1,400 x 1,050) x 3, total of 4,410,000 pixels
Light source	Laser diodes	Laser diodes	Laser diodes	Laser diodes
Light output	20,000 lm (NORMAL) / 21,000 lm (Center)*7	10,000 lm	12,000 lm	12,000 lm
Time until light output declines to 50%*1	20,000 hours (NORMAL) / 24,000 hours (ECO)	20,000 hours (NORMAL) / 24,000 hours (ECO) / 43,000 hours (LONG LIFE1) / 61,000 hours (LONG LIFE2) / 87,000 hours (LONG LIFE3)	20,000 hours (NORMAL) / 24,000 hours (ECO) / 43,000 hours (LONG LIFE1) / 61,000 hours (LONG LIFE2) / 87,000 hours (LONG LIFE3)	20,000 hours (NORMAL) / 24,000 hours (ECO) / 43,000 hours (LONG LIFE1) / 61,000 hours (LONG LIFE2) / 87,000 hours (LONG LIFE3)
Resolution	SXGA+ (1,400 x 1,050)	4K* (5,120 x 3,200)	WUXGA (1,920 x 1,200)	SXGA+ (1,400 x 1,050)
Contrast (full on/full off)	20,000:1	20,000:1	20,000:1	20,000:1
Screen size (diagonal)	1.78-25.4 m (70-1,000 in)*8	1.78-25.4 m (70-1,000 in)*8	1.78-25.4 m (70-1,000 in)*8	1.78-25.4 m (70-1,000 in)*8
Lens shift*2	Vertical: ±50 %*9, Horizontal: ±30 %*9 (powered)	Vertical: ±59 %*10, Horizontal: ±29 %*10 (powered)	Vertical: ±55 %*11, Horizontal: ±20 %*11 (powered)	Vertical: ±50 %*9, Horizontal: ±30 %*9 (powered)
Filter Replacement Cycle	- (No filter)	20,000 hours	20,000 hours	20,000 hours
Installation	360-degree free installation	360-degree free installation	360-degree free installation	360-degree free installation
Terminals	SDI in [BNC x 2 (3G/HD/SD-SDI, Dual-link 3G/HD-SDI)] HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] 3D SYNC in/out / Multi Projector Sync in [BNC x 1] 3D SYNC out / Multi Projector Sync out [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] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] DC out [USB type-A x 2 (for power supply [DC 5 V, up to 2 A])]	SDI in [BNC x 4 (3G/HD/SD-SDI, Dual-link 3G/HD-SDI, Quad-link 3G/HD-SDI)] FRAME SYNC in/out [BNC x 1 (Frame-synchronizing timing signal)] FRAME SYNC out [BNC x 1 (Frame-synchronizing timing signal)] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] Optional board slot [Slot x 2]	SDI in [BNC x 2 (3G/HD/SD-SDI, Dual-link 3G/HD-SDI)] HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin 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] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	SDI in [BNC x 2 (3G/HD/SD-SDI, Dual-link 3G/HD-SDI)] HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin 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] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]
Power supply	100-120 V, 200-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
Power consumption	1,510 W	1,270 W	1,200 W	1,200 W
BTU value	Max. 5,159 BTU	Max. 4,334 BTU	Max. 4,096 BTU	Max. 4,096 BTU
Operation noise	46 dB	43 dB	43 dB	43 dB
Dimensions (W x H*3 x D*4)	598 x 270 x 725 mm (23-17/32 x 10-5/8 x 28-17/32 in)	578 x 323.5 x 740 mm (22-3/4 x 12-3/4 x 29-1/8 in)	578 x 323.5 x 740 mm (22-3/4 x 12-3/4 x 29-1/8 in)	578 x 323.5 x 740 mm (22-3/4 x 12-3/4 x 29-1/8 in)
Weight*5	Approx. 49.0 kg/108 lbs	Approx. 49 kg/108 lbs	Approx. 44.0 kg/97 lbs	Approx. 44.0 kg/97 lbs
Optional accessories	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PKD520B (Attachment for ceiling mount bracket) ET-PFD510 (Frame) ET-D75MKS10 (Stepping Motor kit) ET-PLF10 (Lens Fixed Attachment) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit)	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PKD520B (Attachment for ceiling mount bracket) ET-PFD510 (Frame) ET-EMF330 (Replacement filter unit) ET-SFR330 (Smoke cut filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) ET-MDNDV10 (DVI-D Input Board) ET-MDNHM10 (HDMI Input Board) ET-MDN12G10 (12G-SDI Input Board) TY-TBN03G (3G-SDI Input Board)	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PKD520B (Attachment for ceiling mount bracket) ET-PFD510 (Frame) ET-EMF330 (Replacement filter unit) ET-SFR330 (Smoke cut filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit)	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PKD520B (Attachment for ceiling mount bracket) ET-PFD510 (Frame) ET-EMF330 (Replacement filter unit) ET-SFR330 (Smoke cut filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit)
Optional lens	Yes (see the Optional Lenses page: P49)	Yes (see the Optional Lenses page: P49)	Yes (see the Optional Lenses page: P49)	Yes (see the Optional Lenses page: P49)

*1: After approximately 20,000 hours, cleaning needs to be performed by the vendor which you purchased from). The light source's lifetime may be shortened due to environmental conditions and operating mode. *2: The lens shift cannot be used or its range of operation is limited with a fixed-focus lens. *3: Height; with legs at shortest position. *4: Depth; protruding parts not included. *5: Average value. Each product has an individual variable in weight. *6: Resolution 5,120 x 3,200 Pixels (QUAD PIXEL DRIVE: ON)

*7: Luminance measured at center of screen. *8: 1.78-15.24 m (70-600 in) with the ET-D75LE8/D3LET80. 3.05-15.24 m (120-600 in) with the ET-D75LE95. *9: Vertical ±40 % and horizontal ±20 % with the ET-D75LE6/ET-D3LEW60. *10: Vertical ±56 % and horizontal ±19 % with the ET-D75LE6/ET-D3LEW60. *11: Vertical ±44 % and horizontal ±15 % with the ET-D75LE6/ET-D3LEW60.

Large-Venue

PT-DZ21K2



20,000 lm | WUXGA
* Lens sold separately.



PT-DS20K2



20,000 lm | SXGA+
* Lens sold separately.



PT-DW17K2



17,000 lm | WXGA
* Lens sold separately.



PT-DZ16K2



16,000 lm | Full HD
* Lens sold separately.



Projector type	3-Chip DLP™ Projector	3-Chip DLP™ Projector	3-Chip DLP™ Projector	3-Chip DLP™ Projector
Panel size	24.4 mm (0.96 in)	24.1 mm (0.95 in)	21.6 mm (0.85 in)	24.1 mm (0.95 in)
Aspect ratio	16:10	4:3	16:9	16:9
Number of pixels	2,304,000 (1,920 x 1,200) x 3, total of 6,912,000 pixels	1,470,000 (1,400 x 1,050) x 3, total of 4,410,000 pixels	1,049,088 (1,366 x 768) x 3, total of 3,147,264 pixels	2,073,600 (1,920 x 1,080) x 3, total of 6,220,800 pixels
Light source	432 W UHM Lamp x 4	432 W UHM Lamp x 4	432 W UHM Lamp x 4	432 W UHM Lamp x 4
Light output	20,000 lm	20,000 lm	17,000 lm	16,000 lm
Time until light output declines to 50%*1	3,000 hours (QUAD)/ 6,000 hours (DUAL)	3,000 hours (QUAD)/ 6,000 hours (DUAL)	3,000 hours (QUAD)/ 6,000 hours (DUAL)	3,000 hours (QUAD)/ 6,000 hours (DUAL)
Resolution	WUXGA (1,920 x 1,200)	SXGA+ (1,400 x 1,050)	WXGA (1,366 x 768)	Full HD (1,920 x 1,080)
Contrast (full on/full off)	10,000:1	10,000:1	10,000:1	10,000:1
Screen size (diagonal)	1.78-25.4 m (70-1,000 in)*7	1.78-25.4 m (70-1,000 in)*7	1.78-25.4 m (70-1,000 in)*7	1.78-25.4 m (70-1,000 in)*7
Lens shift*2	Vertical: ±55 %*8, Horizontal: ±20 %*8 (powered)	Vertical: ±50 %*9, Horizontal: ±30 %*9 (powered)	Vertical: ±70 %*10, Horizontal: ±30 %*10 (powered)	Vertical: ±60 %*11, Horizontal: ±20 %*11 (powered)
Filter Replacement Cycle	12,000 hours	12,000 hours	12,000 hours	12,000 hours
Installation	Ceiling/floor, front/rear, portrait*6	Ceiling/floor, front/rear, portrait*6	Ceiling/floor, front/rear, portrait*6	Ceiling/floor, front/rea
Terminals	SDI in [BNC x 2 (3G/HD/SD-SDI)] 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] HDMI in [HDMI 19-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-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] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	SDI in [BNC x 2 (3G/HD/SD-SDI)] 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] HDMI in [HDMI 19-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-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] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	DVI-D in [DVI-D 24-pin x 1] HDMI in [HDMI 19-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-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] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	SDI in [BNC x 1 (3G/HD/SD-SDI)] DVI-D in [DVI-D 24-pin x 1] HDMI in [HDMI 19-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-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] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]
Power supply	200-240 V AC, 50/60 Hz	200-240 V AC, 50/60 Hz	200-240 V AC, 50/60 Hz	200-240 V AC, 50/60 Hz
Power consumption	2,060 W	2,060 W	2,060 W	2,060 W
BTU value	Max. 7,031 BTU	Max. 7,031 BTU	Max. 7,031 BTU	Max. 7,031 BTU
Operation noise	46 dB	46 dB	46 dB	46 dB
Dimensions (W x H*3 x D*4)	620 x 291 x 800 mm (24-13/32 x 11-15/32 x 31-1/2 in)	620 x 291 x 800 mm (24-13/32 x 11-15/32 x 31-1/2 in)	620 x 291 x 800 mm (24-13/32 x 11-15/32 x 31-1/2 in)	620 x 291 x 800 mm (24-13/32 x 11-15/32 x 31-1/2 in)
Weight*5	Approx. 41.0 kg/90.4 lbs	Approx. 41.0 kg/90.4 lbs	Approx. 41.0 kg/90.4 lbs	Approx. 41.0 kg/90.4 lbs
Replacement lamp	ET-LAD520/ET-LAD520F ET-LAD520P/ET-LAD520PF (for portrait mode)	ET-LAD520/ET-LAD520F ET-LAD520P/ET-LAD520PF (for portrait mode)	ET-LAD520/ET-LAD520F ET-LAD520P/ET-LAD520PF (for portrait mode)	ET-LAD520/ET-LAD520F
Optional accessories	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PFD510 (Frame) ET-EMF510 (Replacement filter unit) Service Parts (Smoke cut filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P [Auto Screen Adjustment Upgrade Kit]	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PFD510 (Frame) ET-EMF510 (Replacement filter unit) Service Parts (Smoke cut filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P [Auto Screen Adjustment Upgrade Kit]	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PFD510 (Frame) ET-EMF510 (Replacement filter unit) Service Parts (Smoke cut filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PFD510 (Frame) ET-EMF510 (Replacement filter unit) Service Parts (Smoke cut filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)
Optional lens	Yes (see the Optional Lenses page: P49)	Yes (see the Optional Lenses page: P49)	Yes (see the Optional Lenses page: P49)	Yes (see the Optional Lenses page: P49)

*1: When the projector is in landscape orientation. The usage environment affects the lamp replacement cycle. *2: The lens shift cannot be used or its range of operation is limited with a fixed-focus lens. *3: Height: with legs at shortest position. *4: Depth: lens not included. *5: Average value. Each product has an individual variable in weight. *6: Mounting the optional lamp unit for portrait mode is required.

*7: 1.78-15.24 m (70-600 in) with the ET-D75LE8. 3.05-15.24 m (120-600 in) with the ET-D75LE9. *8: Vertical ±44 % and horizontal ±15 % with the ET-D75LE6. *9: Vertical ±40 % and horizontal ±20 % with the ET-D75LE6. *10: Vertical ±60 % and horizontal ±20 % with the ET-D75LE6. *11: Vertical ±50 % and horizontal ±15 % with the ET-D75LE6.

Large-Venue

PT-DZ13K



12,000 lm | WUXGA
* Lens sold separately.



Projector type	3-Chip DLP™ Projector
Panel size	24.4 mm (0.96 in)
Aspect ratio	16:10
Number of pixels	2,304,000 (1,920 x 1,200) x 3, total of 6,912,000 pixels
Light source	380 W UHM Lamp x 2
Light output	12,000 lm
Time until light output declines to 50%*1	3,500 hours (MIDDLE)/4,000 hours (ECO)
Resolution	WUXGA (1,920 x 1,200)
Contrast (full on/full off)	10,000:1
Screen size (diagonal)	1.78-25.4 m (70-1,000 in)*7
Lens shift*2	Vertical: ±55 %*8, Horizontal: ±20 %*8 (powered)
Filter Replacement Cycle	12,000 hours
Installation	Ceiling/floor, front/rear, portrait*6
Terminals	SDI in [BNC x 2 (3G/HD/SD-SDI x 1, HD/SD-SDI x 1)] 3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] DVI-D in [DVI-D 24-pin x 1] HDMI in [HDMI 19-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin 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] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1]
Power supply	120 V AC, 9.3 A, 50/60 Hz, 220-240 V AC, 5 A, 50/60 Hz
Power consumption	1,000 W (120 V AC)/970 W (220-240 V AC)
BTU value	120 V: Max. 3,413 BTU, 220-240 V: Max. 3,311 BTU
Operation noise	45 dB (HIGH)/43 dB (MIDDLE)/37 dB (ECO)
Dimensions (W x H*3 x D*4)	530 x 200 x 548.5 mm (20-7/8 x 7-7/8 x 21-19/32 in)
Weight*5	Approx. 24 kg/52.9 lbs
Replacement lamp	ET-LAD310A/ET-LAD310AW ET-LAD320P/ET-LAD320PW (for portrait mode)
Optional accessories	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PAD310 (Attachment for ceiling mount bracket) ET-PFD310 (Frame) ET-EMF320 (Replacement filter unit) ET-SFD320 (Smoke cut filter) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit)
Optional lens	Yes [see the Optional Lenses page: P49]

*1: When the projector is in landscape orientation. The usage environment affects the lamp replacement cycle. *2: The lens shift cannot be used or its range of operation is limited with a fixed-focus lens. *3: Height: with legs at shortest position. *4: Depth: lens not included. *5: Average value. Each product has an individual variable in weight. *6: Mounting the optional lamp unit for portrait mode and updating the projector's firmware to MAIN Ver. 2.00 or later are required.

DIGITAL LINK

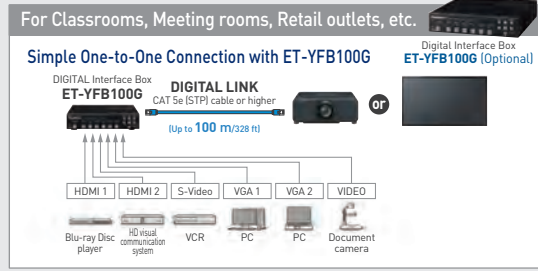
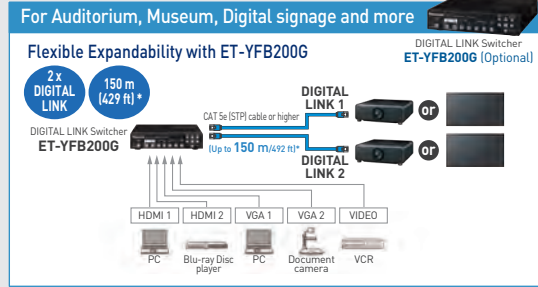
Next-Generation High-Quality Digital Transmission over a Single Cable

High Quality

Long Distance

Cost Effective

DIGITAL LINK is a connection system based on HDBase™ technology that supports the transmission of HDMI signals, uncompressed Full-HD videos, audio, and control commands through a single LAN cable for very long distances - up to 150 m (492 ft) in Long Reach Mode.* It's a simple, high-quality digital transmission technology that works to reduce installation cost and complexity in venues of all sizes.



*For more information about Long Reach mode compatible model, please visit the website >> panasonic.net/cns/prodisplays/solutions/technology/digital_Link/#projector

The DIGITAL LINK World

DIGITAL LINK supports the control protocol of the industry's leading manufacturers, including Crestron, Extron, AMX, and many more. This makes it easy to configure a wide variety of systems, and allows easy integration into an existing control system.



For more information about DIGITAL LINK, please visit the website >> <https://business.panasonic.co.uk/visual-system/digital-link>
Note: For DIGITAL LINK-ready models, please refer to the "Interface" section.

*7: 1.78-15.24 m (70-600 in) with the ET-D75LE8. 3.05-15.24 m (120 -600 in) with the ET-D75LE95. *8: Vertical ±44 % and horizontal ±15 % with the ET-D75LE6.

Installation

PT-RZ120 **NEW** **SOLID SHINE LASER**
PT-RZ120L *6 **4K**



12,000 lm / 12,600 lm [Center]*8 | WUXGA
 * Available in black/white cabinet.

DIGITAL LINK | 360° | 24/7 Operation | Geo. Pro

PT-RZ970 **SOLID SHINE LASER**
PT-RZ970L *6



9,400 lm / 10,000 lm [Center]*8 | WUXGA
 * Available in black/white cabinet.

DIGITAL LINK | 360° | 24/7 Operation | Geo. Pro

PT-RW930 **SOLID SHINE LASER**
PT-RW930L *6



9,400 lm / 10,000 lm [Center]*8 | WXGA
 * Available in black/white cabinet.

DIGITAL LINK | 360° | 24/7 Operation | Geo. Pro

PT-RX110 **SOLID SHINE LASER**
PT-RX110L *6



10,000 lm / 10,400 lm [Center]*8 | XGA
 * Available in black/white cabinet.

DIGITAL LINK | 360° | 24/7 Operation | Geo. Pro

PT-RZ870 **SOLID SHINE LASER**
PT-RZ870L *6



8,500 lm / 8,800 lm [Center]*8 | WUXGA
 * Available in black/white cabinet.

DIGITAL LINK | 360° | 24/7 Operation | Geo. Pro

Projector type	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector
Panel size	17.0 mm (0.67 in)	17.0 mm (0.67 in)	16.5 mm (0.65 in)	17.8 mm (0.7 in)	17.0 mm (0.67 in)
Aspect ratio	16:10	16:10	16:10	4:3	16:10
Number of pixels	2,304,000 (1,920 x 1,200) pixels	2,304,000 (1,920 x 1,200) pixels	1,024,000 (1,280 x 800) pixels	786,432 (1,024 x 768) pixels	2,304,000 (1,920 x 1,200) pixels
Light source	Laser diode	Laser diode	Laser diode	Laser diode	Laser diode
Light output	12,000 lm / 12,600 lm [Center]*8	9,400 lm / 10,000 lm [Center]*8	9,400 lm / 10,000 lm [Center]*8	10,000 lm / 10,400 lm [Center]*8	8,500 lm / 8,800 lm [Center]*8
Time until light output declines to 50%*1	20,000 hours (NORMAL)/ 24,000 hours (ECO)	20,000 hours (NORMAL)/24,000 hours (ECO)/ 43,000 hours (LONG LIFE1)/61,000 hours (LONG LIFE2)/ 87,000 hours (LONG LIFE3)	20,000 hours (NORMAL)/24,000 hours (ECO)/ 43,000 hours (LONG LIFE1)/61,000 hours (LONG LIFE2)/ 87,000 hours (LONG LIFE3)	20,000 hours (NORMAL)/24,000 hours (ECO)/ 43,000 hours (LONG LIFE1)/61,000 hours (LONG LIFE2)/ 87,000 hours (LONG LIFE3)	20,000 hours (NORMAL)/24,000 hours (ECO)/ 43,000 hours (LONG LIFE1)/61,000 hours (LONG LIFE2)/ 87,000 hours (LONG LIFE3)
Resolution	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)	XGA (1,024 x 768)	WUXGA (1,920 x 1,200)
Contrast (full on/full off)	10,000:1	10,000:1	10,000:1	10,000:1	10,000:1
Screen size (diagonal)	1.27-15.24 m (50-600 in)*9	1.27-15.24 m (50-600 in)*9	1.27-15.24 m (50-600 in)*9	1.27-15.24 m (50-600 in)*9	1.27-15.24 m (50-600 in)*9
Lens (throw ratio)	F 1.7-1.9, f 25.6-35.7 mm (1.7-2.4:1) [PT-RZ120]	F 1.7-1.9, f 25.6-35.7 mm (1.7-2.4:1) [PT-RZ970]	F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1) [PT-RW930]	F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1) [PT-RX110]	F 1.7-1.9, f 25.6-35.7 mm (1.7-2.4:1) [PT-RZ870]
Lens shift*2	Vertical: +50 %*10/-16 %, Horizontal: +30 %*10*11/-10 % [powered]	Vertical: +50 %/-16 %, Horizontal: +30 %*11/-10 % [powered]	Vertical: +60 %/-16 %, Horizontal: +30 %*11/-10 % [powered]	Vertical: +45 %/-13 %, Horizontal: +30 %*11/-10 % [powered]	Vertical: +50 %*10/-16 %, Horizontal: +30 %*10*11/-10 % [powered]
Filter Replacement Cycle	- [No filter]	- [No filter]	- [No filter]	- [No filter]	- [No filter]
Installation	360-degree free installation	360-degree free installation	360-degree free installation	360-degree free installation	360-degree free installation
Terminals	SDI in [BNC x 1 (3G/HD/SD-SDI)] HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Serial/Multi Projector Sync in [D-sub 9-pin x 1 (RS-232C)] Serial/Multi Projector Sync out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	SDI in [BNC x 1 (3G/HD/SD-SDI)] HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Serial/Multi Projector Sync in [D-sub 9-pin x 1 (RS-232C)] Serial/Multi Projector Sync out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Serial/Multi Projector Sync in [D-sub 9-pin x 1 (RS-232C)] Serial/Multi Projector Sync out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Serial/Multi Projector Sync in [D-sub 9-pin x 1 (RS-232C)] Serial/Multi Projector Sync out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	SDI in [BNC x 1 (3G/HD/SD-SDI)] HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Serial/Multi Projector Sync in [D-sub 9-pin x 1 (RS-232C)] Serial/Multi Projector Sync out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]
Power supply	100-240 V AC, 11.0-4.5 A, 50/60 Hz	100-240 V AC, 10.4-5.0 A, 50/60 Hz	100-240 V AC, 10.4-5.0 A, 50/60 Hz	100-240 V AC, 10.4-5.0 A, 50/60 Hz	100-240 V AC, 9.9-4.5 A, 50/60 Hz
Power consumption	1,100 W	1,050 W	1,050 W	1,050 W	950 W
BTU value	Max. 3,754 BTU	Max. 3,584 BTU	Max. 3,584 BTU	Max. 3,584 BTU	Max. 3,242 BTU
Operation noise	44 dB (NORMAL)/41 dB (QUIET1)/38 dB (QUIET2)	41dB (NORMAL)/37dB (QUIET1)/35dB (QUIET2)	41dB (NORMAL)/37dB (QUIET1)/35dB (QUIET2)	41dB (NORMAL)/37dB (QUIET1)/35dB (QUIET2)	41dB (NORMAL)/37dB (QUIET1)/35dB (QUIET2)
Dimensions (W x H*3 x D*4)	498 x 200 x 581 mm (19-19/32 x 7-7/8 x 22-7/8 in)	498 x 200 x 581 mm (19-19/32 x 7-7/8 x 22-7/8 in)	498 x 200 x 581 mm (19-19/32 x 7-7/8 x 22-7/8 in)	498 x 200 x 581 mm (19-19/32 x 7-7/8 x 22-7/8 in)	498 x 200 x 581 mm (19-19/32 x 7-7/8 x 22-7/8 in)
Weight*5	Approx. 23.6 kg/51.9 lbs (PT-RZ120L: approx. 22.8 kg/50.2 lbs)	Approx. 23.2 kg/51.1 lbs (PT-RZ970L: approx. 22.4 kg/49.4 lbs)	Approx. 23.2 kg/51.1 lbs (PT-RW930L: approx. 22.4 kg/49.4 lbs)	Approx. 23.2 kg/51.1 lbs (PT-RX110L: approx. 22.4 kg/49.4 lbs)	Approx. 23.2 kg/51.1 lbs (PT-RZ870L: approx. 22.4 kg/49.4 lbs)
Optional accessories	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B [Attachment for ceiling mount bracket] ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P [Auto Screen Adjustment Upgrade Kit]	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B [Attachment for ceiling mount bracket] ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P [Auto Screen Adjustment Upgrade Kit]	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B [Attachment for ceiling mount bracket] ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B [Attachment for ceiling mount bracket] ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B [Attachment for ceiling mount bracket] ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P [Auto Screen Adjustment Upgrade Kit]
Optional lens	Yes [see the Optional Lenses page: P51]	Yes [see the Optional Lenses page: P51]	Yes [see the Optional Lenses page: P51]	Yes [see the Optional Lenses page: P51]	Yes [see the Optional Lenses page: P51]

*1: After approximately 20,000 hours, cleaning needs to be performed (by the vendor which you purchased from). The light source's lifetime may be shortened due to environmental conditions and operating mode. *2: The lens shift cannot be used with a fixed-focus lens. *3: Height: with legs at shortest position. *4: Depth: including the supplied lens. Depth: 538 mm (21-3/16 in) for the lens-less models.

*5: Average value. Each product has an individual variable in weight. *6: Lens-less model. *7: HDMI/DIGITAL LINK input only. *8: Luminance measured at center of screen. *9: 1.27-5.08 m (50-200 in) with the ET-DLE055, 2.54-7.62 m (100-350 in) with the ET-DLE030. *10: Vertical +40 % and horizontal +19 % with the ET-DLE060. *11: Horizontal +28% with the ET-DLE085/DLE105.


























Installation

	PT-RZ770 PT-RZ770L*6  7,000 lm / 7,200 lm (Center)*7 WUXGA * Available in black/white cabinet. 	PT-RW730 PT-RW730L*6  7,000 lm / 7,200 lm (Center)*7 WXGA * Available in black/white cabinet. 	PT-RZ660 PT-RZ660L*6  6,000 lm / 6,200 lm (Center)*7 WUXGA * Available in black/white cabinet. 	PT-RW620 PT-RW620L*6  6,000 lm / 6,200 lm (Center)*7 WXGA * Available in black/white cabinet. 
Projector type	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector
Panel size	17.0 mm (0.67 in)	16.5 mm (0.65 in)	17.0 mm (0.67 in)	16.5 mm (0.65 in)
Aspect ratio	16:10	16:10	16:10	16:10
Number of pixels	2,304,000 (1,920 x 1,200) pixels	1,024,000 (1,280 x 800) pixels	2,304,000 (1,920 x 1,200) pixels	1,024,000 (1,280 x 800) pixels
Light source	Laser diode	Laser diode	Laser diode	Laser diode
Light output	7,000 lm / 7,200 lm (Center)*7	7,000 lm / 7,200 lm (Center)*7	6,000 lm / 6,200 lm (Center)*7	6,000 lm / 6,200 lm (Center)*7
Time until light output declines to 50%*1	20,000 hours (NORMAL)/24,000 hours (ECO)/ 43,000 hours (LONG LIFE1)/61,000 hours (LONG LIFE2)/ 87,000 hours (LONG LIFE3)	20,000 hours (NORMAL)/24,000 hours (ECO)/ 43,000 hours (LONG LIFE1)/61,000 hours (LONG LIFE2)/ 87,000 hours (LONG LIFE3)	20,000 hours (NORMAL)/24,000 hours (ECO)/ 43,000 hours (LONG LIFE1)/61,000 hours (LONG LIFE2)/ 87,000 hours (LONG LIFE3)	20,000 hours (NORMAL)/24,000 hours (ECO)/ 43,000 hours (LONG LIFE1)/61,000 hours (LONG LIFE2)/ 87,000 hours (LONG LIFE3)
Resolution	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)
Contrast (full on/full off)	10,000:1	10,000:1	10,000:1	10,000:1
Screen size (diagonal)	1.27-15.24 m (50-600 in)*8	1.27-15.24 m (50-600 in)*8	1.27-15.24 m (50-600 in)*8	1.27-15.24 m (50-600 in)*8
Lens (throw ratio)	F 1.7-1.9, f 25.6-35.7 mm (1.7-2.4:1) [PT-RZ770]	F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1) [PT-RW730]	F 1.7-1.9, f 25.6-35.7 mm (1.7-2.4:1) [PT-RZ660]	F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1) [PT-RW620]
Lens shift*2	Vertical: +50 %/-16 %, Horizontal: +30 %*9/-10 % (powered)	Vertical: +60 %/-16 %, Horizontal: +30 %*9/-10 % (powered)	Vertical: +50 %/-16 %, Horizontal: +30 %*9/-10 % (powered)	Vertical: +60 %/-16 %, Horizontal: +30 %*9/-10 % (powered)
Filter Replacement Cycle	- (No filter)	- (No filter)	- (No filter)	- (No filter)
Installation	360-degree free installation	360-degree free installation	360-degree free installation	360-degree free installation
Terminals	SDI in [BNC x 1 (3G/HD/SD-SDI)] HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Serial/Multi Projector Sync in [D-sub 9-pin x 1 (RS-232C)] Serial/Multi Projector Sync out [D-sub 9-pin x 1 (RS-232C)] Serial/Multi Projector Sync out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Serial/Multi Projector Sync in [D-sub 9-pin x 1 (RS-232C)] Serial/Multi Projector Sync out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	SDI in [BNC x 1 (3G/HD/SD-SDI)] HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Serial/Multi Projector Sync in [D-sub 9-pin x 1 (RS-232C)] Serial/Multi Projector Sync out [D-sub 9-pin x 1 (RS-232C)] Serial/Multi Projector Sync out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Serial/Multi Projector Sync in [D-sub 9-pin x 1 (RS-232C)] Serial/Multi Projector Sync out [D-sub 9-pin x 1 (RS-232C)] Serial/Multi Projector Sync out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]
Power supply	100-240 V AC, 8.3-3.3 A, 50/60 Hz	100-240 V AC, 8.3-3.3 A, 50/60 Hz	100-240 V AC, 7.1-2.8 A, 50/60 Hz	100-240 V AC, 7.1-2.8 A, 50/60 Hz
Power consumption	825 W	825 W	700 W	700 W
BTU value	Max. 2,815 BTU	Max. 2,815 BTU	Max. 2,389 BTU	Max. 2,389 BTU
Operation noise	36dB	36dB	35dB	35dB
Dimensions (W x H*3 x D*4)	498 x 200 x 581 mm (19-19/32 x 7-7/8 x 22-7/8 in)	498 x 200 x 581 mm (19-19/32 x 7-7/8 x 22-7/8 in)	498 x 200 x 581 mm (19-19/32 x 7-7/8 x 22-7/8 in)	498 x 200 x 581 mm (19-19/32 x 7-7/8 x 22-7/8 in)
Weight*5	Approx. 23.2 kg/51.1 lbs (PT-RZ770L: approx. 22.4 kg/49.4 lbs)	Approx. 23.2 kg/51.1 lbs (PT-RW730L: approx. 22.4 kg/49.4 lbs)	Approx. 23.1 kg/50.9 lbs (PT-RZ660L: approx. 22.3 kg/49.2 lbs)	Approx. 23.1 kg/50.9 lbs (PT-RW620L: approx. 22.3 kg/49.2 lbs)
Optional accessories	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B [Attachment for ceiling mount bracket] ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P [Auto Screen Adjustment Upgrade Kit]	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B [Attachment for ceiling mount bracket] ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B [Attachment for ceiling mount bracket] ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P [Auto Screen Adjustment Upgrade Kit]	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B [Attachment for ceiling mount bracket] ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)
Optional lens	Yes [see the Optional Lenses page: P51]	Yes [see the Optional Lenses page: P51]	Yes [see the Optional Lenses page: P51]	Yes [see the Optional Lenses page: P51]

*1: After approximately 20,000 hours, cleaning needs to be performed (by the vendor which you purchased from). The light source's lifetime may be shortened due to environmental conditions and operating mode. *2: The lens shift cannot be used with a fixed-focus lens. *3: Height: with legs at shortest position. *4: Depth: including the supplied lens. Depth: 538 mm (21-3/16 in) for the lens-less models.

*5: Average value. Each product has an individual variable in weight. *6: Lens-less model. *7: Luminescence measured at center of screen. *8: 1.27-5.08 m (50-200 in) with the ET-DLE055. 2.54-7.62 m (100-350 in) with the ET-DLE030. *9: Horizontal +28% with the ET-DLE085.









Installation

	PT-RZ570 	PT-RZ575 	PT-MZ770 PT-MZ770L*6  	PT-MW730 PT-MW730L*6 
				
	5,200 lm / 5,400 lm (Center)*5 WUXGA * Available in black/white cabinet.	5,000 lm / 5,200 lm (Center)*5 WUXGA	8,000 lm WUXGA	8,000 lm WXGA
	  	  	    	    
Projector type	1-Chip DLP™ Projector	1-Chip DLP™ Projector	LCD Projector	LCD Projector
Panel size	17.0 mm (0.67 in)	17.0 mm (0.67 in)	19.3 mm (0.76 in)	19.3 mm (0.76 in)
Aspect ratio	16:10	16:10	16:10	16:10
Number of pixels	2,304,000 (1,920 x 1,200) pixels	2,304,000 (1,920 x 1,200) pixels	2,304,000 (1,920 x 1,200) x 3, total of 6,912,000 pixels	1,024,000 (1,280 x 800) pixels x 3, total of 3,072,000 pixels
Light source	Laser diode	Laser diode	Laser diode	Laser diode
Light output	5,200 lm / 5,400 lm (Center)*5	5,000 lm / 5,200 lm (Center)*5	8,000 lm	8,000 lm
Time until light output declines to 50%*1	20,000 hours (NORMAL, SILENT)/ 24,000 hours (ECO)	20,000 hours (NORMAL, SILENT)/24,000 hours (ECO)/ 43,000 hours (LONG LIFE1)/61,000 hours (LONG LIFE2)/ 87,000 hours (LONG LIFE3)	20,000 hours	20,000 hours
Resolution	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)
Contrast (full on/full off)	20,000:1	20,000:1	3,000,000:1	3,000,000:1
Screen size (diagonal)	1.02-7.62 m (40-300 in)	1.02-7.62 m (40-300 in)	1.02-10.16 m (40-400 in)*9	1.02-10.16 m (40-400 in)*9
Lens (throw ratio)	F 2.0-3.4, f 21.5-43.0 mm (1.46-2.94:1)	F 1.75, f 11.9 mm (0.8:1)	F 1.7-2.3, f 26.8-45.5 mm (1.6-2.8:1) (PT-MZ770)	F 1.7-2.3, f 26.8-45.5 mm (1.6-2.8:1) (PT-MW730)
Lens shift*2	Vertical: ±64 %/-44 %, Horizontal: +34 %/-27 % (manual)	Vertical: ±4.4 %, Horizontal: ±2.1 % (powered)	Vertical: ±67 %*10, Horizontal: ±35 %*10 (powered)	Vertical: ±67 %*10, Horizontal: ±35 %*10 (powered)
Filter Replacement Cycle	- (No filter)	- (No filter)	- (No filter)	- (No filter)
Installation	360-degree free installation	360-degree free installation	360-degree free installation	360-degree free installation
Terminals	HDMI in [HDMI 19-pin x 2] DVI-D in [DVI-D 24-pin x 1] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in/1 out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1 [Pin jack x 2 (L, R)] Audio in 2/3 [M3 x 2] Variable audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] USB [USB type-A x 1]	HDMI in [HDMI 19-pin x 2] DVI-D in [DVI-D 24-pin x 1] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in/1 out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1 [Pin jack x 2 (L, R)] Audio in 2/3 [M3 x 2] Variable audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] USB [USB type-A x 1]	HDMI in [HDMI 19-pin x 2] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Variable audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] Viewer/Pairing [USB type-A x 1] DC out [USB type-A x 1 (for power supply (DC 5 V, up to 2 A))] Wireless Module connecting [USB x 1 (for ET-WM300 only)]	HDMI in [HDMI 19-pin x 2] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Variable audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] Viewer/Pairing [USB type-A x 1] DC out [USB type-A x 1 (for power supply (DC 5 V, up to 2 A))] Wireless Module connecting [USB x 1 (for ET-WM300 only)]
Power supply	100-240 V AC, 5.9-2.3 A, 50/60 Hz	100-240 V AC, 5.9-2.3 A, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
Power consumption	500 W	500 W	570 W	545 W
BTU value	Max. 1,706 BTU	Max. 1,706 BTU	Max. 1,945 BTU	Max. 1,860 BTU
Operation noise	33 dB (NORMAL, ECO)/28 dB (SILENT)	33 dB (NORMAL, ECO)/28 dB (SILENT)	35 dB (NORMAL/ECO)/ 28 dB (QUIET)	35 dB (NORMAL/ECO)/ 28 dB (QUIET)
Dimensions (W x H*3 x D)	498 x 168 x 492 mm (19-19/32 x 6-5/8 x 19-3/8 in)	498 x 168 x 481 mm (19-19/32 x 6-5/8 x 18-15/16 in)	560 x 205 x 443*11 mm (22-1/16 x 8-1/16 x 17-7/16*11 in)	560 x 205 x 443*11 mm (22-1/16 x 8-1/16 x 17-7/16*11 in)
Weight*4	Approx. 16.3 kg/35.9 lbs	Approx. 16.6 kg/36.6 lbs	Approx. 17.1 kg/37.7 lbs (PT-MZ770L: approx. 16.2 kg/35.7 lbs)	Approx. 17.1 kg/37.7 lbs (PT-MW730L: approx. 16.2 kg/35.7 lbs)
Optional accessories	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B [Attachment for ceiling mount bracket] ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B [Attachment for ceiling mount bracket] ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE301B [Attachment for ceiling mount bracket] ET-RMF100 (Replacement filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WM300 (Wireless Module)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE301B [Attachment for ceiling mount bracket] ET-RMF100 (Replacement filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WM300 (Wireless Module)
Optional lens	-	-	Yes (see the Optional Lenses page: P53)	Yes (see the Optional Lenses page: P53)

*1: After approximately 20,000 hours, cleaning needs to be performed (by the vendor which you purchased from). The light source's lifetime may be shortened due to environmental conditions and operating mode. *2: The lens shift cannot be used with a fixed-focus lens. *3: Height: with legs at shortest position. *4: Average value. Each product has an individual variable in weight.

*5: Luminance measured at center of screen. *6: Lens-less model. *7: HDMI/DIGITAL LINK input only. *8: The optional ET-WM300 Wireless Module is required. *9: 1.52-10.16 m (60-400 in) with the ET-ELW22. *10: Vertical ±60% and horizontal ±30% with the ET-ELW22. *11: Depth: including the supplied lens. Depth: 428 mm (16-27/32 in) for the lens-less models.















Installation

	PT-MZ670 PT-MZ670L *6  6,500 lm WUXGA 	PT-MW630 PT-MW630L *6  6,500 lm WXGA 	PT-MZ570 PT-MZ570L *6  5,500 lm WUXGA 	PT-MW530 PT-MW530L *6  5,500 lm WXGA 
Projector type	LCD Projector	LCD Projector	LCD Projector	LCD Projector
Panel size	19.3 mm (0.76 in)	19.3 mm (0.76 in)	19.3 mm (0.76 in)	19.3 mm (0.76 in)
Aspect ratio	16:10	16:10	16:10	16:10
Number of pixels	2,304,000 (1,920 x 1,200) x 3, total of 6,912,000 pixels	1,024,000 (1,280 x 800) pixels x 3, total of 3,072,000 pixels	2,304,000 (1,920 x 1,200) x 3, total of 6,912,000 pixels	1,024,000 (1,280 x 800) pixels x 3, total of 3,072,000 pixels
Light source	Laser diode	Laser diode	Laser diode	Laser diode
Light output	6,500 lm	6,500 lm	5,500 lm	5,500 lm
Time until light output declines to 50%*1	20,000 hours	20,000 hours	20,000 hours	20,000 hours
Resolution	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)
Contrast (full on/full off)	3,000,000:1	3,000,000:1	3,000,000:1	3,000,000:1
Screen size (diagonal)	1.02-10.16 m (40-400 in)*8	1.02-10.16 m (40-400 in)*8	1.02-10.16 m (40-400 in)*8	1.02-10.16 m (40-400 in)*8
Lens (throw ratio)	F 1.7-2.3, f 26.8-45.5 mm (1.6-2.8:1) (PT-MZ670)	F 1.7-2.3, f 26.8-45.5 mm (1.6-2.8:1) (PT-MW630)	F 1.7-2.3, f 26.8-45.5 mm (1.6-2.8:1) (PT-MZ570)	F 1.7-2.3, f 26.8-45.5 mm (1.6-2.8:1) (PT-MW530)
Lens shift*2	Vertical: ±67 %*9, Horizontal: ±35 %*9 (powered)	Vertical: ±67 %*9, Horizontal: ±35 %*9 (powered)	Vertical: ±67 %*9, Horizontal: ±35 %*9 (powered)	Vertical: ±67 %*9, Horizontal: ±35 %*9 (powered)
Filter Replacement Cycle	- (No filter)	- (No filter)	- (No filter)	- (No filter)
Installation	360-degree free installation	360-degree free installation	360-degree free installation	360-degree free installation
Terminals	HDMI in [HDMI 19-pin x 2] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Variable audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] Viewer/Pairing [USB type-A x 1] DC out [USB type-A x 1] [for power supply (DC 5 V, up to 2 A)] Wireless Module connecting [USB x 1 (for ET-WM300 only)]	HDMI in [HDMI 19-pin x 2] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Variable audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] Viewer/Pairing [USB type-A x 1] DC out [USB type-A x 1] [for power supply (DC 5 V, up to 2 A)] Wireless Module connecting [USB x 1 (for ET-WM300 only)]	HDMI in [HDMI 19-pin x 2] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Variable audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] Viewer/Pairing [USB type-A x 1] DC out [USB type-A x 1] [for power supply (DC 5 V, up to 2 A)] Wireless Module connecting [USB x 1 (for ET-WM300 only)]	HDMI in [HDMI 19-pin x 2] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Variable audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1] Viewer/Pairing [USB type-A x 1] DC out [USB type-A x 1] [for power supply (DC 5 V, up to 2 A)] Wireless Module connecting [USB x 1 (for ET-WM300 only)]
Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
Power consumption	525 W	505 W	450 W	415 W
BTU value	Max. 1,792 BTU	Max. 1,724 BTU	Max. 1,536 BTU	Max. 1,416 BTU
Operation noise	32 dB (NORMAL/ECO)/ 26 dB (QUIET)	32 dB (NORMAL/ECO)/ 26 dB (QUIET)	32 dB (NORMAL/ECO)/ 26 dB (QUIET)	32 dB (NORMAL/ECO)/ 26 dB (QUIET)
Dimensions (W x H*3 x D*4)	560 x 205 x 443 mm [22-1/16 x 8-1/16 x 17-7/16 in]	560 x 205 x 443 mm [22-1/16 x 8-1/16 x 17-7/16 in]	560 x 205 x 443 mm [22-1/16 x 8-1/16 x 17-7/16 in]	560 x 205 x 443 mm [22-1/16 x 8-1/16 x 17-7/16 in]
Weight*5	Approx. 16.9 kg/37.3 lbs (PT-MZ670L: approx. 16.1 kg/35.5 lbs)	Approx. 16.9 kg/37.3 lbs (PT-MW630L: approx. 16.1 kg/35.5 lbs)	Approx. 16.9 kg/37.3 lbs (PT-MZ570L: approx. 16.1 kg/35.5 lbs)	Approx. 16.9 kg/37.3 lbs (PT-MW530L: approx. 16.1 kg/35.5 lbs)
Optional accessories	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE301B [Attachment for ceiling mount bracket] ET-RMF100 (Replacement filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WM300 (Wireless Module)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE301B [Attachment for ceiling mount bracket] ET-RMF100 (Replacement filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WM300 (Wireless Module)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE301B [Attachment for ceiling mount bracket] ET-RMF100 (Replacement filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WM300 (Wireless Module)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE301B [Attachment for ceiling mount bracket] ET-RMF100 (Replacement filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WM300 (Wireless Module)
Optional lens	Yes (see the Optional Lenses page: P53)	Yes (see the Optional Lenses page: P53)	Yes (see the Optional Lenses page: P53)	Yes (see the Optional Lenses page: P53)

*1: After approximately 20,000 hours, cleaning needs to be performed (by the vendor which you purchased from). The light source's lifetime may be shortened due to environmental conditions and operating mode. *2: The lens shift cannot be used with a fixed-focus lens. *3: Height: with legs at shortest position. *4: Depth: including the supplied lens. Depth: 428 mm (16-27/32 in) for the lens-less models.

*5: Average value. Each product has an individual variable in weight. *6: Lens-less model. *7: The optional ET-WM300 Wireless Module is required. *8: 1.52-10.16 m (60-400 in) with the ET-ELW22. *9: Vertical ±60% and horizontal ±30% with the ET-ELW22.

Installation

	PT-RZ475 	PT-RZ470 	PT-RW430 	PT-RZ370 	PT-RW330 
	 <p>3,000 lm Full HD</p> 	 <p>3,500 lm Full HD * Available in black/white cabinet.</p> 	 <p>3,500 lm WXGA * Available in black/white cabinet.</p> 	 <p>3,500 lm Full HD</p> 	 <p>3,500 lm WXGA</p> 
Projector type	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector
Panel size	16.5 mm (0.65 in)	16.5 mm (0.65 in)	16.5 mm (0.65 in)	16.5 mm (0.65 in)	16.5 mm (0.65 in)
Aspect ratio	16:9	16:9	16:10	16:9	16:10
Number of pixels	2,073,600 (1,920 x 1,080) pixels	2,073,600 (1,920 x 1,080) pixels	1,024,000 (1,280 x 800) pixels	2,073,600 (1,920 x 1,080) pixels	1,024,000 (1,280 x 800) pixels
Light source	LED/Laser-combined (R, B: LED; G: Laser diode)	LED/Laser-combined (R, B: LED; G: Laser diode)	LED/Laser-combined (R, B: LED; G: Laser diode)	LED/Laser-combined (R, B: LED; G: Laser diode)	LED/Laser-combined (R, B: LED; G: Laser diode)
Light output	3,000 lm	3,500 lm	3,500 lm	3,500 lm	3,500 lm
Time until light output declines to 50%*1	27,000 hours (NORMAL)/ 61,000 hours (ECO1)/ 87,000 hours (ECO2)	20,000 hours	20,000 hours	20,000 hours	20,000 hours
Resolution	Full HD (1,920 x 1,080)	Full HD (1,920 x 1,080)	WXGA (1,280 x 800)	Full HD (1,920 x 1,080)	WXGA (1,280 x 800)
Contrast (full on/full off)	20,000:1	20,000:1	20,000:1	10,000:1	10,000:1
Screen size (diagonal)	1.02-5.08 m (40-200 in)	1.02-7.62 m (40-300 in)	1.02-7.62 m (40-300 in)	1.02-7.62 m (40-300 in)	1.02-7.62 m (40-300 in)
Lens (throw ratio)	F 1.8, f 11.9 mm (0.8:1)	F 2.0-3.4, f 21.5-43.0 mm (1.46-2.94:1)	F 2.0-3.4, f 21.5-43.0 mm (1.53-3.09:1)	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)
Lens shift	Vertical: ±10 %, Horizontal: ±3.4 % (manual)	Vertical: +73 %/-48 %, Horizontal: +35 %/-27 % (manual)	Vertical: 69 %/-46 %, Horizontal: +37 %/-28 % (manual)	Vertical: +73 %/-48 %, Horizontal: +35 %/-27 % (manual)	Vertical: 69 %/-46 %, Horizontal: +37 %/-28 % (manual)
Filter Replacement Cycle	- (No filter)	- (No filter)	- (No filter)	- (No filter)	- (No filter)
Installation	Ceiling/floor, front/rear, portrait	Ceiling/floor, front/rear, portrait	Ceiling/floor, front/rear, portrait	Ceiling/floor, front/rear	Ceiling/floor, front/rear
Terminals	HDMI in [HDMI 19-pin x 1] DVI-I in [DVI-I 29-pin x 1] Computer in [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in [M3 x 1] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1] 3D SYNC out [Mini Din 3pin x 1 (for 3D Transmitter connection)]	HDMI in [HDMI 19-pin x 1] DVI-I in [DVI-I 29-pin x 1] Computer in [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in [M3 x 1] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1] 3D SYNC out [Mini Din 3pin x 1 (for 3D Transmitter connection)]	HDMI in [HDMI 19-pin x 1] DVI-I in [DVI-I 29-pin x 1] Computer in [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in [M3 x 1] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1] 3D SYNC out [Mini Din 3pin x 1 (for 3D Transmitter connection)]	HDMI in [HDMI 19-pin x 1] DVI-I in [DVI-I 29-pin x 1] Computer in [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in [M3 x 1] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1]	HDMI in [HDMI 19-pin x 1] DVI-I in [DVI-I 29-pin x 1] Computer in [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in [M3 x 1] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1]
Power supply	100-240 V AC, 5.0-1.8 A, 50/60 Hz	100-240 V AC, 5.2-2.0 A, 50/60 Hz	100-240 V AC, 5.2-2.0 A, 50/60 Hz	100-240 V AC, 5.2-2.0 A, 50/60 Hz	100-240 V AC, 5.2-2.0 A, 50/60 Hz
Power consumption	430 W	460 W	460 W	460 W	460 W
BTU value	Max. 1,467 BTU	Max. 1,570 BTU	Max. 1,570 BTU	Max. 1,570 BTU	Max. 1,570 BTU
Operation noise	35 dB (NORMAL)	35 dB (NORMAL)/29 dB (LOW)	35 dB (NORMAL)/29 dB (LOW)	35 dB (NORMAL)/29 dB (LOW)	35 dB (NORMAL)/29 dB (LOW)
Dimensions (W x H*2 x D*3)	455 x 137 x 409 mm (17-29/32 x 5-13/32 x 16-3/32 in)	455 x 137 x 415 mm (17-29/32 x 5-13/32 x 16-11/32 in)	455 x 137 x 415 mm (17-29/32 x 5-13/32 x 16-11/32 in)	455 x 137 x 415 mm (17-29/32 x 5-13/32 x 16-11/32 in)	455 x 137 x 415 mm (17-29/32 x 5-13/32 x 16-11/32 in)
Weight*4	Approx. 11.5 kg/25.4 lbs	Approx. 11.0 kg/24.3 lbs	Approx. 11.0 kg/24.3 lbs	Approx. 11.0 kg/24.3 lbs	Approx. 11.0 kg/24.3 lbs
Optional accessories	ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-PKR100P (Portrait mode mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-PKR100P (Portrait mode mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-PKR100P (Portrait mode mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-PKR100P (Portrait mode mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)

*1: After approximately 20,000 hours, cleaning needs to be performed (by the vendor which you purchased from). The light source's lifetime may be shortened due to environmental conditions and operating mode.

*2: Height: with legs at shortest position.

*3: Depth: including the supplied lens.

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

Installation

PT-DZ870
PT-DZ870L*6



8,500 lm WUXGA
* Available in black/white cabinet.



PT-DW830
PT-DW830L*6



8,500 lm WXGA
* Available in black/white cabinet.



PT-DX100
PT-DX100L*6



10,000 lm XGA
* Available in black/white cabinet.



PT-DZ780
PT-DZ780L*6



7,000 lm WUXGA
* Available in black/white cabinet.



PT-DW750
PT-DW750L*6



7,000 lm WXGA
* Available in black/white cabinet.



Projector type	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector
Panel size	17.0 mm (0.67 in)	16.5 mm (0.65 in)	17.8 mm (0.7 in)	17.0 mm (0.67 in)	16.5 mm (0.65 in)
Aspect ratio	16:10	16:10	4:3	16:10	16:10
Number of pixels	2,304,000 (1,920 x 1,200)	1,024,000 (1,280 x 800) pixels	786,432 (1,024 x 768) pixels	2,304,000 (1,920 x 1,200)	1,024,000 (1,280 x 800) pixels
Light source	420 W UHM Lamp x 2	420 W UHM Lamp x 2	420 W UHM Lamp x 2	310 W UHM Lamp x 2	310 W UHM Lamp x 2
Light output	8,500 lm	8,500 lm	10,000 lm	7,000 lm	7,000 lm
Time until light output declines to 50%*1	3,000 hours [Dual, NORMAL]/ 4,000 hours [Dual, ECO]	3,000 hours [Dual, NORMAL]/ 4,000 hours [Dual, ECO]	3,000 hours [Dual, NORMAL]/ 4,000 hours [Dual, ECO]	4,000 hours [Dual, NORMAL]/ 6,000 hours [Dual, ECO]	4,000 hours [Dual, NORMAL]/ 6,000 hours [Dual, ECO]
Resolution	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)	XGA (1,024 x 768)	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)
Contrast [full on/full off]	10,000:1	10,000:1	10,000:1	3,000:1	3,000:1
Screen size [diagonal]	1.27-15.24 m (50-600 inches)*8	1.27-15.24 m (50-600 inches)*8	1.27-15.24 m (50-600 inches)*8	1.27-15.24 m (50-600 inches)*8	1.27-15.24 m (50-600 inches)*8
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]	F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1) [PT-DX100]	F 1.7-1.9, f 25.6-35.7 mm (1.7-2.4:1) [PT-DZ780]	F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1) [PT-DW750]
Lens shift*2	Vertical: ±50 %, Horizontal: ±10 % (powered)	Vertical: ±60 %, Horizontal: ±10 % (powered)	Vertical: ±50 %*10, Horizontal: ±10 % (powered)	Vertical: +50 %/-16 %, Horizontal: +30 %*11/-10 % (powered)	Vertical: +60 %/-16 %, Horizontal: +30 %*11/-10 % (powered)
Filter Replacement Cycle	- (No filter)	- (No filter)	- (No filter)	- (No filter)	- (No filter)
Installation	Ceiling/floor, front/rear, portrait	Ceiling/floor, front/rear, portrait	Ceiling/floor, front/rear, portrait	Ceiling/floor, front/rear	Ceiling/floor, front/rear
Terminals	SDI in [BNC x 1] HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] RGB 2 in [D-sub HD 15-pin x 1] 3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] 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] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] 3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] 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] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] 3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] 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] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	SDI in [BNC x 1] HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] RGB 2 in [D-sub HD 15-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] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-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] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]
Power supply	120-240 V AC, 10-5.2 A, 50/60 Hz	120-240 V AC, 10-5.2 A, 50/60 Hz	120-240 V AC, 10-5.2 A, 50/60 Hz	120 V AC, 8 A, 50/60 Hz, 220-240 V AC, 4.5 A, 50/60 Hz	120 V AC, 7.5 A, 50/60 Hz, 220-240 V AC, 4.3 A, 50/60 Hz
Power consumption	1,030 W	1,030 W	1,030 W	790 W (except Taiwan), 785 W (Taiwan)	790 W (except Taiwan), 785 W (Taiwan)
BTU value	Max. 3,516 BTU	Max. 3,516 BTU	Max. 3,516 BTU	Max. 2,696 BTU	Max. 2,696 BTU
Operation noise	40 dB [Dual, NORMAL]/35 dB [Dual, ECO]	40 dB [Dual, NORMAL]/35 dB [Dual, ECO]	40 dB [Dual, NORMAL]/35 dB [Dual, ECO]	30 dB [Dual, NORMAL]/28 dB [Dual, ECO]	30 dB [Dual, NORMAL]/28 dB [Dual, ECO]
Dimensions (W x H*3 x D*4)	498 x 200 x 556*9 mm (19-19/32 x 7-7/8 x 21-7/8*9 in)	498 x 200 x 556*9 mm (19-19/32 x 7-7/8 x 21-7/8*9 in)	498 x 200 x 556*9 mm (19-19/32 x 7-7/8 x 21-7/8*9 in)	498 x 175 x 521*12 mm (19-19/32 x 6-7/8 x 20-1/2*12 in)	498 x 175 x 521*12 mm (19-19/32 x 6-7/8 x 20-1/2*12 in)
Weight*5	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)	Approx. 18.3 kg/40.3 lbs (PT-DX100L: approx. 17.6 kg/38.8 lbs)	Approx. 17.8 kg/39.2 lbs (PT-DZ780L: approx. 17 kg/37.5 lbs)	Approx. 17.8 kg/39.2 lbs (PT-DW750L: approx. 17 kg/37.5 lbs)
Replacement lamp	ET-LAD120/ET-LAD120W ET-LAD120P/ET-LAD120PW (for portrait mode)	ET-LAD120/ET-LAD120W ET-LAD120P/ET-LAD120PW (for portrait mode)	ET-LAD120/ET-LAD120W ET-LAD120P/ET-LAD120PW (for portrait mode)	ET-LAD70/ET-LAD70W	ET-LAD70/ET-LAD70W
Optional accessories	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B [Attachment for ceiling mount bracket] ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P [Auto Screen Adjustment Upgrade Kit]	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B [Attachment for ceiling mount bracket] ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B [Attachment for ceiling mount bracket] ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B [Attachment for ceiling mount bracket] ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P [Auto Screen Adjustment Upgrade Kit]	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B [Attachment for ceiling mount bracket] ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)
Optional lens	Yes [see the Optional Lenses page: P51]	Yes [see the Optional Lenses page: P51]	Yes [see the Optional Lenses page: P51]	Yes [see the Optional Lenses page: P51]	Yes [see the Optional Lenses page: P51]

*1: When the projector is in landscape orientation. The usage environment affects the lamp replacement cycle.

*2: The lens shift cannot be used with a fixed-focus lens. *3: Height: with legs at shortest position. *4: Depth: including the supplied lens.

*5: Average value. Each product has an individual variable in weight. *6: Lens-less model.

*7: Mounting the optional lamp unit for portrait mode and updating the projector's firmware to MAIN Ver. 2.00 or later are required.

*8: 1.27-5.08 m (50-200 in) with the ET-DLE055. 2.54-8.89 m (100-350 in) with the ET-DLE030. *9: Depth: 513 mm (20-3/16 in) for the lens-less models.

*10: Vertical +45% with the ET-DLE085. *11: Horizontal +28% with the ET-DLE085. *12: Depth: 508 mm (20 in) for the lens-less models.

Installation

PT-DX820
PT-DX820L*6



8,200 lm XGA
* Available in black/white cabinet.



PT-EZ770Z
PT-EZ770ZL*6



6,500 lm WUXGA



PT-EW730Z
PT-EW730ZL*6



7,000 lm WXGA



PT-EX800Z
PT-EX800ZL*6



7,500 lm XGA



PT-EZ590
PT-EZ590L*6



5,400 lm WUXGA



Projector type	1-Chip DLP™ Projector	LCD Projector	LCD Projector	LCD Projector	LCD Projector
Panel size	17.8 mm (0.7 in)	19.0 mm (0.76 in)	19.0 mm (0.76 in)	20.0 mm (0.79 in)	16.3 mm (0.64 in)
Aspect ratio	4:3	16:10	16:10	4:3	16:10
Number of pixels	786,432 (1,024 x 768) pixels	2,304,000 (1,920 x 1,200)	1,024,000 (1,280 x 800) pixels	786,432 (1,024 x 768) pixels	2,304,000(1,920 x 1,200)x3, total of 6,912,000 pixels
Light source	310 W UHM Lamp x 2	400 W UHM Lamp	400 W UHM Lamp	400 W UHM Lamp	320 W UHM Lamp
Light output	8,200 lm	6,500 lm	7,000 lm	7,500 lm	5,400 lm
Time until light output declines to 50%*1	4,000 hours (Dual, NORMAL)/ 6,000 hours (Dual, ECO)	3,000 hours (NORMAL)/4,000 hours (ECO1)/ 4,500 hours (ECO2)	3,000 hours (NORMAL)/4,000 hours (ECO1)/ 4,500 hours (ECO2)	3,000 hours (NORMAL)/4,000 hours (ECO1)/ 4,500 hours (ECO2)	4,000 hours (NORMAL)/ 5,000 hours (ECO)
Resolution	XGA (1,024 x 768)	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)	XGA (1,024 x 768)	WUXGA (1,920 x 1,200)
Contrast (full on/full off)	2,400:1	5,000:1	5,000:1	5,000:1	10,000:1
Screen size (diagonal)	1.27-15.24 m (50-600 in)*7	1.02-10.16 m (40-400 in)*10	1.02-10.16 m (40-400 in)*10	1.02-10.16 m (40-400 in)*10	1.02-10.16 m (40-400 in)
Lens (throw ratio)	F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1) [PT-DX820]	F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) [PT-EZ770Z]	F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) [PT-EW730Z]	F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) [PT-EX800Z]	F 1.6-2.2, f 17.1-31.7 mm (1.22-2.26:1) [PT-EZ590]
Lens shift*2	Vertical: +50 %/-13 %, Horizontal: +30 %*8/-10 % (powered)	Vertical: ±60 %, Horizontal: ±10 % (powered)	Vertical: ±60 %, Horizontal: ±10 % (powered)	Vertical: ±50 %, Horizontal: ±10 % (powered)	Vertical: ±60 %, Horizontal: ±30 % (powered)
Filter Replacement Cycle	- (No filter)	15,000 hours	15,000 hours	15,000 hours	15,000 hours
Installation	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear
Terminals	HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-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] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK/Art-net [RJ-45 x 1]	HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] DisplayPort in [DP-20P x 1] RGB 1 in [D-sub HD 15-pin x 1] RGB 2 in [BNC x 5] Video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 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]	HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] DisplayPort in [DP-20P x 1] RGB 1 in [D-sub HD 15-pin x 1] RGB 2 in [BNC x 5] Video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 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]	HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] DisplayPort in [DP-20P x 1] RGB 1 in [D-sub HD 15-pin x 1] RGB 2 in [BNC x 5] Video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 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]	HDMI in [HDMI 19-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 [RS-232C]] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1] LAN/DIGITAL LINK [RJ-45 x 1] DC out [USB type-A x 1 (for power supply [DC 5 V, up to 900 mA])] Wireless Module connecting [USB type-A x 1 (for ET-WML100)]
Power supply	120 V AC, 7.5 A, 50/60 Hz, 220-240 V AC, 4.3 A, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 5.5-2.3 A, 50/60 Hz
Power consumption	790 W (except Taiwan), 785 W (Taiwan)	590 W	575 W	575 W	484 W
BTU value	Max. 2,696 BTU	Max. 2,013 BTU	Max. 1,962 BTU	Max. 1,962 BTU	Max. 1,651 BTU
Built-in speaker	-	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
Operation noise	30 dB (Dual, NORMAL)/28 dB (Dual, ECO)	37 dB (NORMAL)/31 dB (ECO1)/29 dB (ECO2)	37 dB (NORMAL)/31 dB (ECO1)/29 dB (ECO2)	37 dB (NORMAL)/31 dB (ECO1)/29 dB (ECO2)	35 dB (NORMAL)/29 dB (ECO)
Dimensions (W x H*3 x D*4)	498 x 175 x 521*9 mm (19-19/32 x 6-7/8 x 20-1/2*9 in)	530 x 177 x 445*11 mm (20-7/8 x 6-31/32 x 17-17/32*11 in)	530 x 177 x 445*11 mm (20-7/8 x 6-31/32 x 17-17/32*11 in)	530 x 177 x 445*11 mm (20-7/8 x 6-31/32 x 17-17/32*11 in)	498 x 145 x 398.3 mm (19-19/32 x 5-23/32 x 15-11/16 in)
Weight*5	Approx. 17.8 kg/39.2 lbs (PT-DX820L: approx. 17 kg/37.5 lbs)	Approx. 10.6 kg/23.4 lbs (PT-EZ770ZL: approx. 9.8 kg/21.6 lbs)	Approx. 10.6 kg/23.4 lbs (PT-EW730ZL: approx. 9.8 kg/21.6 lbs)	Approx. 10.6 kg/23.4 lbs (PT-EX800ZL: approx. 9.8 kg/21.6 lbs)	Approx. 8.4 kg/18.5 lbs (PT-EZ590L: approx. 7.7 kg/17.0 lbs)
Replacement lamp	ET-LAD70/ET-LAD70W	ET-LAE300	ET-LAE300	ET-LAE300	ET-LAEF100
Optional accessories	ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WML100 (Wireless Module)
Optional lens	Yes (see the Optional Lenses page: P51)	Yes (see the Optional Lenses page: P53)	Yes (see the Optional Lenses page: P53)	Yes (see the Optional Lenses page: P53)	Yes (see the Optional Lenses page: P53)

*1: The usage environment affects the lamp replacement cycle. *2: The lens shift cannot be used with a fixed-focus lens. *3: Height: with legs at shortest position. *4: Depth: including the supplied lens. *5: Average value. Each product has an individual variable in weight. *6: Lens-less model. *7: 1.27-5.08 m (50-200 in) with the ET-DLE055. 2.54-8.89 m (100-350 in) with the ET-DLE030.

*8: Horizontal +28% with the ET-DLE085. *9: Depth: 508 mm (20 in) for the lens-less models. *10: 1.52-10.16 m (60-400 in) with the ET-ELW22. *11: Depth: 385 mm (15-5/32 in) for the lens-less models. *12 The optional ET-WML100 Wireless Module is required.

Installation

PT-EZ57



LCD Projector
5,000 lm | WUXGA

PT-EW650 PT-EW650L*5



5,800 lm | WXGA



PT-EW550 PT-EW550L*5



5,000 lm | WXGA



PT-EX620 PT-EX620L*5



6,200 lm | XGA



PT-EX520 PT-EX520L*5



5,300 lm | XGA



Projector type	LCD Projector	LCD Projector	LCD Projector	LCD Projector	LCD Projector
Panel size	16.3 mm [0.64 in]	16.3 mm [0.64 in]	16.3 mm [0.64 in]	16.0 mm [0.63 in]	16.0 mm [0.63 in]
Aspect ratio	16:10	16:10	16:10	4:3	4:3
Number of pixels	2,304,000 (1,920 x 1,200) x 3, total of 6,912,000 pixels	1,024,000 (1,280 x 800) pixels x 3, total of 3,072,000 pixels	1,024,000 (1,280 x 800) pixels x 3, total of 3,072,000 pixels	786,432 (1,024 x 768) pixels total of 2,359,296 pixels	786,432 (1,024 x 768) pixels total of 2,359,296 pixels
Light source	320 W UHM Lamp	320 W UHM Lamp	320 W UHM Lamp	320 W UHM Lamp	320 W UHM Lamp
Light output	5,000lm	5,800 lm	5,000 lm	6,200 lm	5,300 lm
Time until light output declines to 50%*1	4,000 hours (NORMAL)/5,000 hours	4,000 hours (NORMAL)/5,000 hours (ECO)	4,000 hours (NORMAL)/5,000 hours (ECO)	4,000 hours (NORMAL)/5,000 hours (ECO)	4,000 hours (NORMAL)/5,000 hours (ECO)
Resolution	WUXGA (1,920-1,200)	WXGA (1,280 x 800)	WXGA (1,280 x 800)	XGA (1,024 x 768)	XGA (1,024 x 768)
Contrast (full on/full off)	2,000:1	10,000:1	2,000:1	10,000:1	2,000:1
Screen size (diagonal)	1.02-7.62 m [40-300 inches]	1.02-10.16 m [40-400 in]	1.02-10.16 m [40-400 in]	1.02-10.16 m [40-400 in]	1.02-10.16 m [40-400 in]
Lens (throw ratio)	F 1.6-2.2, f 17.1-31.7mm	F 1.6-2.2, f 17.1-31.7 mm [1.22-2.26:1] (PT-EW650)	F 1.6-2.2, f 17.1-31.7 mm [1.22-2.26:1] (PT-EW550)	F 1.6-2.2, f 17.1-31.7 mm [1.32-2.44:1] (PT-EX620)	F 1.6-2.2, f 17.1-31.7 mm [1.32-2.44:1] (PT-EX520)
Lens shift	Vertical: ±60 %, horizontal: ±30 % (powered)	Vertical: ±60 %, horizontal: ±30 % (powered)	Vertical: ±60 %, horizontal: ±30 % (powered)	Vertical: ±50 %, horizontal: ±30 % (powered)	Vertical: ±50 %, horizontal: ±30 % (powered)
Filter Replacement Cycle	15,000 hours	15,000 hours	15,000 hours	15,000 hours	15,000 hours
Installation	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear
Terminals	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/Y/PBPR/YC/BCR/YC x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/Y/PBPR/YC/BCR x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1] LAN/DIGITAL LINK [RJ-45 x 1] DC out [USB type-A x 1 (for power supply (DC 5 V, up to 900 mA))] USB [USB type-A x 2 (for optional wireless module x 1, for power supply (DC 5 V, up to 900 mA) x 1)]	HDMI in [HDMI 19-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1] LAN/DIGITAL LINK [RJ-45 x 1] DC out [USB type-A x 1 (for power supply (DC 5 V, up to 900 mA))] Wireless Module connecting [USB type-A x 1 (for ET-WML100)]	HDMI in [HDMI 19-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1] DC out [USB type-A x 1 (for power supply (DC 5 V, up to 900 mA))] Wireless Module connecting [USB type-A x 1 (for ET-WML100)]	HDMI in [HDMI 19-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1] LAN/DIGITAL LINK [RJ-45 x 1] DC out [USB type-A x 1 (for power supply (DC 5 V, up to 900 mA))] Wireless Module connecting [USB type-A x 1 (for ET-WML100)]	HDMI in [HDMI 19-pin x 1] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1] DC out [USB type-A x 1 (for power supply (DC 5 V, up to 900 mA))] Wireless Module connecting [USB type-A x 1 (for ET-WML100)]
Power supply	AC100-240 V AC, 5.5-2.3 A, 50/60 Hz	100-240 V AC, 5.3-2.1 A, 50/60 Hz	100-240 V AC, 5.3-2.1 A, 50/60 Hz	100-240 V AC, 5.3-2.1 A, 50/60 Hz	100-240 V AC, 5.3-2.1 A, 50/60 Hz
Power consumption	484 W	461 W	461 W	461 W	461 W
BTU value	1,651 BTU	Max. 1,573 BTU	Max. 1,573 BTU	Max. 1,573 BTU	Max. 1,573 BTU
Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
Operation noise	29 dB (Silent), 35 dB (Normal/ECO)	35 dB (NORMAL)/29 dB (ECO)	35 dB (NORMAL)/29 dB (ECO)	35 dB (NORMAL)/29 dB (ECO)	35 dB (NORMAL)/29 dB (ECO)
Dimensions (W x H*2 x D*3)	498 x 145 x 398.3 mm [19-19/32 x 5-11/16 x 15-11/16 inches]	498 x 145 x 398.3 mm [19-19/32 x 5-23/32 x 15-11/16 in]	498 x 145 x 398.3 mm [19-19/32 x 5-23/32 x 15-11/16 in]	498 x 145 x 398.3 mm [19-19/32 x 5-23/32 x 15-11/16 in]	498 x 145 x 398.3 mm [19-19/32 x 5-23/32 x 15-11/16 in]
Weight*4	Approx. 7.9kg (17.4lbs) (PT-EZ590L: approx. 7.7 kg/17.0 lbs)	Approx. 8.4 kg/18.5 lbs (PT-EW650L: approx. 7.7 kg/17.0 lbs)	Approx. 8.4 kg/18.5 lbs (PT-EW550L: approx. 7.7 kg/17.0 lbs)	Approx. 8.4 kg/18.5 lbs (PT-EX620L: approx. 7.7 kg/17.0 lbs)	Approx. 8.4 kg/18.5 lbs (PT-EX520L: approx. 7.7 kg/17.0 lbs)
Replacement lamp	ET-LAEF100	ET-LAEF100	ET-LAEF100	ET-LAEF100	ET-LAEF100
Optional accessories	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WML100 (Wireless Module)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-WML100 (Wireless Module)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WML100 (Wireless Module)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-WML100 (Wireless Module)
Optional lens	-	Yes (see the Optional Lenses page: P53)	Yes (see the Optional Lenses page: P53)	Yes (see the Optional Lenses page: P53)	-

*1: The usage environment affects the lamp replacement cycle.

*2: Height: with legs at shortest position.











*3: Depth: including the supplied lens. Depth: 358 mm [14-3/32 inches] for the lens-less models.

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

*5: Lens-less model.

*6: The optional ET-WML100 Wireless Module is required.

Installation

	PT-FZ570	PT-FW530	PT-VMZ50	PT-VMW50	PT-VMZ40
	 4,500 lm WUXGA 	 4,500 lm WXGA 	 5,000 lm WUXGA 	 5,000 lm WXGA 	 4,500 lm WUXGA 
Projector type	LCD Projector	LCD Projector	LCD Projector	LCD Projector	LCD Projector
Panel size	16.3 mm [0.64 in]	16.3 mm [0.64 in]	16.0 mm [0.64 in]	16.0 mm [0.64 in]	16.0 mm [0.64 in]
Aspect ratio	16:10	16:10	16:10	16:10	16:10
Number of pixels	2,304,000 (1,920 x 1,200) x 3, total of 6,912,000 pixels	1,024,000 (1,280 x 800) pixels x 3, total of 3,072,000 pixels	2,304,000 (1,920 x 1,200) x 3, total of 6,912,000 pixels	1,024,000 (1,280 x 800) pixels x 3, total of 3,072,000 pixels	2,304,000 (1,920 x 1,200) x 3, total of 6,912,000 pixels
Light source	270 W UHM Lamp	270 W UHM Lamp	Laser diode	Laser diode	Laser diode
Light output	4,500 lm	4,500 lm	5,000 lm	5,000 lm	4,500 lm
Time until light output declines to 50%*1	6,000 hours (NORMAL)/8,000 hours (ECO)	6,000 hours (NORMAL)/8,000 hours (ECO)	20,000 hours (NORMAL)*7	20,000 hours (NORMAL)*7	20,000 hours (NORMAL)*7
Resolution	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)	WUXGA (1,920 x 1,200)
Contrast (full on/full off)	10,000:1	10,000:1	3,000,000:1	3,000,000:1	3,000,000:1
Screen size (diagonal)	1.02-7.62 m (40-300 in)	1.02-7.62 m (40-300 in)	0.76-7.62 m (30-300 in)	0.76-7.62 m (30-300 in)	0.76-7.62 m (30-300 in)
Lens (throw ratio)	F 1.6-2.2, f 17.1-31.7 mm (1.22-2.26:1)	F 1.6-2.2, f 17.1-31.7 mm (1.22-2.26:1)	F 1.60-2.12, f 15.30-24.64 mm (1.09-1.77:1)	F 1.60-2.12, f 15.30-24.64 mm (1.09-1.77:1)	F 1.60-2.12, f 15.30-24.64 mm (1.09-1.77:1)
Lens shift	Vertical: ±60 %, Horizontal: ±30 % (powered)	Vertical: ±60 %, Horizontal: ±30 % (powered)	Vertical: +44 % (TBD), Horizontal: (TBD) (manual)	Vertical: +44 % (TBD), Horizontal: (TBD) (manual)	Vertical: +44 % (TBD), Horizontal: (TBD) (manual)
Filter Replacement Cycle	16,000 hours	16,000 hours	(TBD)	(TBD)	(TBD)
Installation	Ceiling/floor, front/rear	Ceiling/floor, front/rear	360-degree free installation	360-degree free installation	360-degree free installation
Terminals	HDMI in [HDMI 19-pin x 2] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in/1 out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] LAN/DIGITAL LINK [RJ-45 x 1] DC out [USB type-A x 1 (for power supply [DC 5 V, up to 900 mA])] Wireless Module connecting [USB type-A x 1 (for ET-WML100)]	HDMI in [HDMI 19-pin x 2] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in/1 out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] LAN/DIGITAL LINK [RJ-45 x 1] DC out [USB type-A x 1 (for power supply [DC 5 V, up to 900 mA])] Wireless Module connecting [USB type-A x 1 (for ET-WML100)]	HDMI 1/2 in [HDMI 19-pin x 2] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in/1 out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] LAN/DIGITAL LINK [RJ-45 x 1] USB [USB type-A x 1 (for Memory Viewer/ power supply [DC 5 V, up to 2 A]/ optional Wireless Module)]	HDMI 1/2 in [HDMI 19-pin x 2] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in/1 out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] LAN/DIGITAL LINK [RJ-45 x 1] USB [USB type-A x 1 (for Memory Viewer/ power supply [DC 5 V, up to 2 A]/ optional Wireless Module)]	HDMI 1/2 in [HDMI 19-pin x 2] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in/1 out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB [USB type-A x 1 (for Memory Viewer/ power supply [DC 5 V, up to 2 A]/ optional Wireless Module)]
Power supply	100-240 V AC, 4.7-1.9 A, 50/60 Hz	100-240 V AC, 4.5-1.8 A, 50/60 Hz	100-240 V AC, 50/60 Hz (TBD)	100-240 V AC, 50/60 Hz (TBD)	100-240 V AC, 50/60 Hz (TBD)
Power consumption	413 W	400 W	(TBD)	(TBD)	(TBD)
BTU value	Max. 1,410 BTU	Max. 1,365 BTU	-	-	-
Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
Operation noise	33 dB (NORMAL)/29 dB (ECO)	33 dB (NORMAL)/29 dB (ECO)	38 dB (NORMAL)/29 dB (ECO) (TBD)	38 dB (NORMAL)/29 dB (ECO) (TBD)	38 dB (NORMAL)/29 dB (ECO) (TBD)
Dimensions (W x H*2 x D)	498 x 145 x 398.3 mm*3 (19-19/32 x 5-23/32 x 15-11/16 in)	498 x 145 x 398.3 mm*3 (19-19/32 x 5-23/32 x 15-11/16 in)	399 x 133 x 348 mm (15-23/32 x 5-1/4 x 13-11/16 in)	399 x 133 x 348 mm (15-23/32 x 5-1/4 x 13-11/16 in)	399 x 133 x 348 mm (15-23/32 x 5-1/4 x 13-11/16 in)
Weight*4	Approx. 7.9 kg/17.4 lbs	Approx. 7.9 kg/17.4 lbs	Less than 7.2 kg/15.87 lbs (TBD)	Less than 7.2 kg/15.87 lbs (TBD)	Less than 7.2 kg/15.87 lbs (TBD)
Replacement lamp	ET-LAEF100	ET-LAEF100	- (No lamp)	- (No lamp)	- (No lamp)
Optional accessories	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WML100 (Wireless Module)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WML100 (Wireless Module)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV410 (Replacement filter unit) (TBD) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) AJ-WM50 (Wireless Module) (TBD)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV410 (Replacement filter unit) (TBD) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) AJ-WM50 (Wireless Module) (TBD)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV410 (Replacement filter unit) (TBD) AJ-WM50 (Wireless Module) (TBD)

*1: The usage environment affects the lamp replacement cycle. *2: Height: with legs at shortest position. *3: Depth: including the supplied lens. *4: Average value. Each product has an individual variable in weight. *5: The optional ET-WML100 Wireless Module is required. *6: Supports signals up to 4K/30p. Images are converted to 1920 x 1080 for PT-VMZ50/VMZ40 and

1280 x 720 for PT-VMW50. Applicable terminals: DIGITAL LINK terminal/HDMI terminal. *7 : After approximately 20,000 hours, cleaning needs to be performed by the vendor which you purchased from). The light source's lifetime may be shortened due to environmental conditions and operating mode.

Portable

PT-VZ585N



5,000 lm WUXGA



PT-VZ580



5,000 lm WUXGA

PT-VW545N



5,500 lm WXGA



PT-VW540



5,500 lm WXGA

Projector type	LCD Projector	LCD Projector	LCD Projector	LCD Projector
Panel size	16.3 mm (0.64 in)	16.3 mm (0.64 in)	16.3 mm (0.64 in)	16.3 mm (0.64 in)
Aspect ratio	16:10	16:10	16:10	16:10
Number of pixels	2,304,000 (1,920 x 1,200) x 3, total of 6,912,000 pixels	2,304,000 (1,920 x 1,200) x 3, total of 6,912,000 pixels	1,024,000 (1,280 x 800) pixels x 3, total of 3,072,000 pixels	1,024,000 (1,280 x 800) pixels x 3, total of 3,072,000 pixels
Light source	280 W UHM Lamp	280 W UHM Lamp	280 W UHM Lamp	280 W UHM Lamp
Light output	5,000 lm	5,000 lm	5,500 lm	5,500 lm
Time until light output declines to 50%	5,000 hours (NORMAL)/6,000 hours (ECO1)/7,000 hours (ECO2)*6	5,000 hours (NORMAL)/6,000 hours (ECO1)/7,000 hours (ECO2)*6	5,000 hours (NORMAL)/6,000 hours (ECO1)/7,000 hours (ECO2)	5,000 hours (NORMAL)/6,000 hours (ECO1)/7,000 hours (ECO2)
Resolution	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)	WXGA (1,280 x 800)
Contrast (full on/full off)	16,000:1	16,000:1	16,000:1	16,000:1
Screen size (diagonal)	0.76-7.62 m (30-300 in)	0.76-7.62 m (30-300 in)	0.76-7.62 m (30-300 in)	0.76-7.62 m (30-300 in)
Lens (throw ratio)	F 1.60-2.12, f 15.30-24.64 mm (1.09-1.77:1)	F 1.60-2.12, f 15.30-24.64 mm (1.09-1.77:1)	F 1.60-2.12, f 15.30-24.64 mm (1.08-1.76:1)	F 1.60-2.12, f 15.30-24.64 mm (1.08-1.76:1)
Lens shift	Vertical: +44 % (manual)	Vertical: +44 % (manual)	Vertical: +44 % (manual)	Vertical: +44 % (manual)
Filter Replacement Cycle	7,000 hours	7,000 hours	7,000 hours	7,000 hours
Installation	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear
Terminals	HDMI 1/2 in [HDMI 19-pin x 2] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in/1 out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1] USB [USB type-A x 1 (for Memory Viewer/Pairing)] USB [USB type-B x 1 (for USB display)]	HDMI 1/2 in [HDMI 19-pin x 2] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in/1 out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB [USB type-A x 1 (for power supply [DC 5 V, up to 2 A])]	HDMI 1/2 in [HDMI 19-pin x 2] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in/1 out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1] USB [USB type-A x 1 (for Memory Viewer/Pairing)] USB [USB type-B x 1 (for USB display)]	HDMI 1/2 in [HDMI 19-pin x 2] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in/1 out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB [USB type-A x 1 (for power supply [DC 5 V, up to 2 A])]
Power supply	120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries)	120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries)	120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries)	120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries)
Power consumption	400 W (North America), 410 W (other countries)	400 W (North America), 410 W (other countries)	385 W (North America), 400 W (other countries)	385 W (North America), 400 W (other countries)
Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
Operation noise	37 dB (NORMAL)/35 dB (ECO1)/29 dB (ECO2)	37 dB (NORMAL)/35 dB (ECO1)/29 dB (ECO2)	37 dB (NORMAL)/35 dB (ECO1)/29 dB (ECO2)	37 dB (NORMAL)/35 dB (ECO1)/29 dB (ECO2)
Dimensions (W x H*1 x D)	389 x 125 x 332 mm (15-5/16 x 4-29/32 x 13-1/16 in)	389 x 125 x 332 mm (15-5/16 x 4-29/32 x 13-1/16 in)	389 x 125 x 332 mm (15-5/16 x 4-29/32 x 13-1/16 in)	389 x 125 x 332 mm (15-5/16 x 4-29/32 x 13-1/16 in)
Weight*2	Approx. 4.9 kg/10.8 lbs	Approx. 4.8 kg/10.6 lbs	Approx. 4.9 kg/10.8 lbs	Approx. 4.8 kg/10.6 lbs
Replacement lamp	ET-LAV400	ET-LAEF100	ET-LAV400	ET-LAV400
Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV410 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV410 (Replacement filter unit)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV410 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV410 (Replacement filter unit)

*1: Height: with legs at shortest position. *2: Average value. Each product has an individual variable in weight.
*6: The usage environment affects the lamp replacement cycle.

Portable

PT-VX615N



5,500 lm XGA



PT-VX610



5,500 lm XGA

PT-VZ470*4













4,400 lm WUXGA

Projector type	LCD Projector	LCD Projector	LCD Projector
Panel size	16.0 mm [0.63 in]	16.0 mm [0.63 in]	16.3 mm [0.64 in]
Aspect ratio	4:3	4:3	16:10
Number of pixels	786,432 (1,024 x 768) pixels total of 2,359,296 pixels	786,432 (1,024 x 768) pixels total of 2,359,296 pixels	2,304,000 (1,920 x 1,200) x 3, total of 6,912,000 pixels
Light source	280 W UHM Lamp	280 W UHM Lamp	270 W UHM Lamp
Light output	5,500 lm	5,500 lm	4,400 lm
Time until light output declines to 50%*1	5,000 hours (NORMAL)/6,000 hours (ECO1)/ 7,000 hours (ECO2)	5,000 hours (NORMAL)/6,000 hours (ECO1)/ 7,000 hours (ECO2)	5,000 hours (NORMAL)/7,000 hours (ECO)
Resolution	XGA (1,024 x 768)	XGA (1,024 x 768)	WUXGA (1,920 x 1,200)
Contrast (full on/full off)	16,000:1	16,000:1	10,000:1
Screen size (diagonal)	0.76-7.62 m (30-300 in)	0.76-7.62 m (30-300 in)	0.76-7.62 m (30-300 in)
Lens (throw ratio)	F 1.60-1.90, f 15.31-24.64 mm (1.17-1.90:1)	F 1.60-1.90, f 15.31-24.64 mm (1.17-1.90:1)	F 1.60-2.12, f 15.30-24.64 mm (1.1-1.8:1)
Lens shift	Vertical: +40 % (manual)	Vertical: +40 % (manual)	Vertical: +44 % (manual)
Filter Replacement Cycle	7,000 hours	7,000 hours	7,000 hours
Installation	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear
Terminals	HDMI 1/2 in [HDMI 19-pin x 2] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in/1 out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1] USB [USB type-A x 1 (for Memory Viewer/Pairing)] USB [USB type-B x 1 (for USB display)]	HDMI 1/2 in [HDMI 19-pin x 2] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in/1 out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB [USB type-A x 1 (for power supply [DC 5 V, up to 2 A])]	HDMI 1/2 in [HDMI 19-pin x 2] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in/1 out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1]
Power supply	120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries)	120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries)	120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries)
Power consumption	385 W (North America), 400 W (other countries)	385 W (North America), 400 W (other countries)	372 W (North America), 378 W (other countries)
Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
Operation noise	37 dB (NORMAL)/35 dB (ECO1)/29 dB (ECO2)	37 dB (NORMAL)/35 dB (ECO1)/29 dB (ECO2)	37 dB (NORMAL)/29 dB (ECO)
Dimensions (W x H*2 x D)	389 x 125 x 332 mm (15-5/16 x 4-29/32 x 13-1/16 in)	389 x 125 x 332 mm (15-5/16 x 4-29/32 x 13-1/16 in)	389 x 125 x 332 mm (15-5/16 x 4-29/32 x 13-1/16 in)
Weight*3	Approx. 4.9 kg/10.8 lbs	Approx. 4.8 kg/10.6 lbs	Approx. 4.8 kg/10.6 lbs
Replacement lamp	ET-LAV400	ET-LAV400	ET-LAV400
Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV410 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV410 (Replacement filter unit)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV400 (Replacement filter unit)

*1: The usage environment affects the lamp replacement cycle.
*2: Height: with legs at shortest position.
*3: Average value. Each product has an individual variable in weight.

*4: The availability varies depending on the country.

Portable

	PT-VW360	PT-VX430	PT-LW375	PT-LW335	PT-LB425
	 4,000 lm WXGA 	 4,500 lm XGA 	 3,600 lm WXGA 	 3,100 lm WXGA 	 4,100 lm XGA 
Projector type	LCD Projector	LCD Projector	LCD Projector	LCD Projector	LCD Projector
Panel size	15.0 mm (0.59 in)	16.0 mm (0.63 in)	15.0 mm (0.59 in)	15.0 mm (0.59 in)	16.0 mm (0.63 in)
Aspect ratio	16:10	4:3	16:10	16:10	4:3
Number of pixels	1,024,000 (1,280 x 800) pixels x 3, total of 3,072,000 pixels	786,432 (1,024 x 768) pixels total of 2,359,296 pixels	1,024,000 (1,280 x 800) pixels x 3, total of 3,072,000 pixels	1,024,000 (1,280 x 800) pixels x 3, total of 3,072,000 pixels	786,432 (1,024 x 768) pixels total of 2,359,296 pixels
Light source	240 W UHM Lamp	240 W UHM Lamp	230 W UHM Lamp	230 W UHM Lamp	230 W UHM Lamp
Light output	4,000 lm	4,500 lm	3,600 lm	3,100 lm	4,100 lm
Time until light output declines to 50%*1	5,000 hours (NORMAL)/7,000 hours (ECO)	5,000 hours (NORMAL)/7,000 hours (ECO)	10,000 hours (NORMAL)/20,000 hours (ECO)/10,000 hours (QUIET)	10,000 hours (NORMAL)/20,000 hours (ECO)/10,000 hours (QUIET)	10,000 hours (NORMAL)/20,000 hours (ECO)/10,000 hours (QUIET)
Resolution	WXGA (1,280 x 800)	XGA (1,024 x 768)	WXGA (1,280 x 800)	WXGA (1,280 x 800)	XGA (1,024 x 768)
Contrast (full on/full off)	20,000:1	20,000:1	16,000:1	16,000:1	16,000:1
Screen size (diagonal)	0.76-7.62 m (30-300 in)	0.76-7.62 m (30-300 in)	0.76-7.62 m (30-300 in)	0.76-7.62 m (30-300 in)	0.76-7.62 m (30-300 in)
Lens (throw ratio)	F 1.60-1.90, f 15.31-26.24 mm (1.2-1.9:1)	F 1.60-1.90, f 15.31-26.24 mm (1.2-1.9:1)	F 1.60-1.76, f 19.16-23.02 mm (1.48-1.78:1)	F 2.1-2.25, f 19.11-22.94 mm (1.47-1.77:1)	F 1.60-1.76, f 19.16-23.02 mm (1.48-1.78:1)
Lens shift	49:1 (fixed)	9:1 (fixed)	13:1 (fixed)	13:1 (fixed)	6:1 (fixed)
Filter Replacement Cycle	7,000 hours	7,000 hours	5,000 hours (NORMAL)/6,000 hours (ECO)/10,000 hours (QUIET)	5,000 hours (NORMAL)/6,000 hours (ECO)/10,000 hours (QUIET)	5,000 hours (NORMAL)/6,000 hours (ECO)/10,000 hours (QUIET)
Installation	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear
Terminals	HDMI 1/2 in [HDMI 19-pin x 2] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in/1 out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB [USB type-A x 1 (for Memory Viewer/Wireless Module)] USB [USB type-B x 1 (for USB display)]	HDMI 1/2 in [HDMI 19-pin x 2] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in/1 out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1/2 [M3 x 2] Audio in 3 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB [USB type-A x 1 (for Memory Viewer/Wireless Module)] USB [USB type-B x 1 (for USB display)]	HDMI in [HDMI 19-pin x 1] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1 [M3 x 1] Audio in 2 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB [USB type-A x 1 (for Memory Viewer/Wireless Module (DC 5 V, up to 500 mA))] USB [USB type-B x 1 (for USB display)]	HDMI in [HDMI 19-pin x 1] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1 [M3 x 1] Audio in 2 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB [USB type-A x 1 (for Memory Viewer/Wireless Module (DC 5 V, up to 500 mA))] USB [USB type-B x 1 (for USB display)]	HDMI in [HDMI 19-pin x 1] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1 [M3 x 1] Audio in 2 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB [USB type-A x 1 (for Memory Viewer/Wireless Module (DC 5 V, up to 500 mA))] USB [USB type-B x 1 (for USB display)]
Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
Power consumption	320 W	320 W	300 W	300 W	300 W
Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
Operation noise	37 dB (NORMAL)/29 dB (ECO)	37 dB (NORMAL)/29 dB (ECO)	39 dB (NORMAL)/35 dB (ECO)/30 dB (Quiet)	39 dB (NORMAL)/35 dB (ECO)/30 dB (Quiet)	39 dB (NORMAL)/35 dB (ECO)/30 dB (Quiet)
Dimensions (W x H*2 x D)	352 x 98 x 279 mm (13-27/32 x 3-27/32 x 10-31/32 in)	352 x 98 x 279 mm (13-27/32 x 3-27/32 x 10-31/32 in)	335 x 96 x 252 mm (13-3/16 x 3-25/32 x 9-29/32 in)	335 x 96 x 252 mm (13-3/16 x 3-25/32 x 9-29/32 in)	335 x 96 x 252 mm (13-3/16 x 3-25/32 x 9-29/32 in)
Weight*3	Approx. 3.3 kg/7.3 lbs	Approx. 3.3 kg/7.3 lbs	Approx. 2.9 kg/6.4 lbs	Approx. 2.9 kg/6.4 lbs	Approx. 2.9 kg/6.4 lbs
Replacement lamp	ET-LAV300	ET-LAV300	ET-LAL510	ET-LAL510	ET-LAL510
Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV300 (Replacement filter unit) ET-WML100 (Wireless Module) ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV300 (Replacement filter unit) ET-WML100 (Wireless Module) ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-WML100 (Wireless Module) ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-WML100 (Wireless Module) ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-WML100 (Wireless Module) ET-ADSV (D-Sub/S-VIDEO conversion cable)

*1: The usage environment affects the lamp replacement cycle.
*2: Height: with legs at shortest position.
*3: Average value. Each product has an individual variable in weight.

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

Portable

	PT-LB385	PT-LB355	PT-LB305
	 3,800 lm XGA 	 3,300 lm XGA 	 3,100 lm XGA 
Projector type	LCD Projector	LCD Projector	LCD Projector
Panel size	16.0 mm (0.63 in)	16.0 mm (0.63 in)	16.0 mm (0.63 in)
Aspect ratio	4:3	4:3	4:3
Number of pixels	786,432 (1,024 x 768) pixels total of 2,359,296 pixels	786,432 (1,024 x 768) pixels total of 2,359,296 pixels	786,432 (1,024 x 768) pixels total of 2,359,296 pixels
Light source	230 W UHM Lamp	230 W UHM Lamp	230 W UHM Lamp
Light output	3,800 lm	3,300 lm	3,100 lm
Time until light output declines to 50%*1	10,000 hours (NORMAL)/20,000 hours (ECO)/10,000 hours (QUIET)	10,000 hours (NORMAL)/20,000 hours (ECO)/10,000 hours (QUIET)	10,000 hours (NORMAL)/20,000 hours (ECO)/10,000 hours (QUIET)
Resolution	XGA (1,024 x 768)	XGA (1,024 x 768)	XGA (1,024 x 768)
Contrast (full on/full off)	16,000:1	16,000:1	16,000:1
Screen size (diagonal)	0.76-7.62 m (30-300 in)	0.76-7.62 m (30-300 in)	0.76-7.62 m (30-300 in)
Lens (throw ratio)	F 1.60-1.76, f 19.16-23.02 mm (1.48-1.78:1)	F 1.60-1.76, f 19.16-23.02 mm (1.48-1.78:1)	F 2.1-2.25, f 19.11-22.94 mm (1.47-1.77:1)
Lens shift	6:1 (fixed)	6:1 (fixed)	6:1 (fixed)
Filter Replacement Cycle	5,000 hours (NORMAL)/6,000 hours (ECO)/10,000 hours (QUIET)	5,000 hours (NORMAL)/6,000 hours (ECO)/10,000 hours (QUIET)	5,000 hours (NORMAL)/6,000 hours (ECO)/10,000 hours (QUIET)
Installation	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear
Terminals	HDMI in [HDMI 19-pin x 1] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1 [M3 x 1] Audio in 2 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB [USB type-A x 1 (for Memory Viewer/Wireless Module (DC 5 V, up to 500 mA))] USB [USB type-B x 1 (for USB display)]	HDMI in [HDMI 19-pin x 1] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Video in [Pin jack x 1] Audio in 1 [M3 x 1] Audio in 2 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB [USB type-A x 1 (for Memory Viewer/Wireless Module (DC 5 V, up to 500 mA))] USB [USB type-B x 1 (for USB display)]	HDMI in [HDMI 19-pin x 1] Computer in [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1 [M3 x 1] Audio in 2 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] USB [USB type-B x 1 (for service display)]
Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
Power consumption	300 W	300 W	300 W
Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	2.0 W (monaural)
Operation noise	39 dB (NORMAL)/35 dB (ECO)/30 dB (Quiet)	39 dB (NORMAL)/35 dB (ECO)/30 dB (Quiet)	39 dB (NORMAL)/35 dB (ECO)/30 dB (Quiet)
Dimensions (W x H*2 x D)	335 x 96 x 252 mm (13-3/16 x 3-25/32 x 9-29/32 in)	335 x 96 x 252 mm (13-3/16 x 3-25/32 x 9-29/32 in)	335 x 96 x 252 mm (13-3/16 x 3-25/32 x 9-29/32 in)
Weight*3	Approx. 2.9 kg/6.4 lbs	Approx. 2.9 kg/6.4 lbs	Approx. 2.8 kg/6.2 lbs
Replacement lamp	ET-LAL510	ET-LAL510	ET-LAL510
Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-WML100 (Wireless Module) ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-WML100 (Wireless Module) ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-ADSV (D-Sub/S-VIDEO conversion cable)

*1: The usage environment affects the lamp replacement cycle.
*2: Height: with legs at shortest position.
*3: Average value. Each product has an individual variable in weight.

*4: To operate wireless projection, the optional Wireless Module ET-WML100 is required.
*5: For compatible models, see the "Function" and "Software" columns of the Feature Compatibility Chart on page 45 to 48.
*6: For compatible models, see the "Wireless Module" column of the Optional Accessories Chart on page 59 to 62.

Panasonic Wireless Projector

FEATURES

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.

Convenient Wireless Features*5

Mirroring —

Full-screen Wireless Playback For Win For Android

Mirroring supports stutter-free audio and Full-HD video transmission from device to projector screen at 1:1.

Panasonic's Original Software*5

Plug and Share For Win For Mac

Simply insert a USB memory device with copies of projector installation files and an application into the PC. Then click the player icon, and transmit video and stills wirelessly to the projector—no software or network setup required.



Wireless Manager ME Software For Win For Mac

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

Wireless Projector for iOS / Android For iOS For Android

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

Wireless Projection by Optional Module (ET-WML100)*6










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



Presenter Light Software*5 For Win

This application, supporting Windows computers, allows you to transfer images and audio to the projector via the wired LAN/wireless LAN.

Short Throw

	PT-TW371R	PT-TW370	PT-TX430	PT-TX340
	 3,300 lm WXGA  	 3,300 lm WXGA 	 3,800 lm XGA 	 3,200 lm XGA 
Projector type	LCD Projector	LCD Projector	LCD Projector	LCD Projector
Panel size	15.0 mm (0.59 in)	15.0 mm (0.59 in)	16.0 mm (0.63 in)	16.0 mm (0.63 in)
Aspect ratio	16:10	16:10	4:3	4:3
Number of pixels	1,024,000 (1,280 x 800) pixels x 3, total of 3,072,000 pixels	1,024,000 (1,280 x 800) pixels x 3, total of 3,072,000 pixels	786,432 (1,024 x 768) pixels x 3, total of 2,359,296 pixels	786,432 (1,024 x 768) pixels x 3, total of 2,359,296 pixels
Light source	230 W UHM Lamp	230 W UHM Lamp	230 W UHM Lamp	230 W UHM Lamp
Light output	3,300 lm	3,300 lm	3,800 lm	3,200 lm
Time until light output declines to 50%^{*1}	10,000 hours (NORMAL)/20,000 hours (ECO)/10,000 hours (QUIET)	10,000 hours (NORMAL)/20,000 hours (ECO)/10,000 hours (QUIET)	10,000 hours (NORMAL)/20,000 hours (ECO)/10,000 hours (QUIET)	10,000 hours (NORMAL)/20,000 hours (ECO)/10,000 hours (QUIET)
Resolution	WXGA (1,280 x 800)	WXGA (1,280 x 800)	XGA (1,024 x 768)	XGA (1,024 x 768)
Contrast (full on/full off)	16,000:1	16,000:1	16,000:1	16,000:1
Screen size (diagonal)	1.27-2.54 m (50-100 in)	1.27-2.54 m (50-100 in)	1.27-2.54 m (50-100 in)	1.27-2.54 m (50-100 in)
Lens (throw ratio)	F 1.8, f 6.08 mm (0.46:1)	F 1.8, f 6.08 mm (0.46:1)	F 1.8, f 6.08 mm (0.46:1)	F 1.8, f 6.08 mm (0.46:1)
Lens shift	7.25:1 (fixed)	7.25:1 (fixed)	21:1 (fixed)	7.25:1 (fixed)
Filter Replacement Cycle	5,000 hours (NORMAL)/6,000 hours (ECO)/10,000 hours (QUIET)	5,000 hours (NORMAL)/6,000 hours (ECO)/10,000 hours (QUIET)	5,000 hours (NORMAL)/6,000 hours (ECO)/10,000 hours (QUIET)	5,000 hours (NORMAL)/6,000 hours (ECO)/10,000 hours (QUIET)
Installation	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear
Terminals	HDMI in [HDMI 19-pin x 1] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1 [M3 x 1] Audio in 2 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB [USB type-A x 1 (for Memory Viewer/ Wireless Module [DC 5 V, up to 500 mA])] USB [USB type-B x 1 (for USB display)] Mini USB [Mini USB x 1, (for interactive function)]	HDMI in [HDMI 19-pin x 1] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1 [M3 x 1] Audio in 2 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB [USB type-A x 1 (for Memory Viewer/ Wireless Module [DC 5 V, up to 500 mA])] USB [USB type-B x 1 (for USB display)]	HDMI in [HDMI 19-pin x 1] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1 [M3 x 1] Audio in 2 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB [USB type-A x 1 (for Memory Viewer/ Wireless Module [DC 5 V, up to 500 mA])] USB [USB type-B x 1 (for USB display)]	HDMI in [HDMI 19-pin x 1] Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Video in [Pin jack x 1] Audio in 1 [M3 x 1] Audio in 2 [Pin jack x 2 (L, R)] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1] USB [USB type-A x 1 (for Memory Viewer/ Wireless Module [DC 5 V, up to 500 mA])] USB [USB type-B x 1 (for USB display)]
Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
Power consumption	300 W	300 W	300 W	300 W
Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
Operation noise	39 dB (NORMAL)/35 dB (ECO)/30 dB (Quiet)	39 dB (NORMAL)/35 dB (ECO)/30 dB (Quiet)	39 dB (NORMAL)/35 dB (ECO)/30 dB (Quiet)	39 dB (NORMAL)/35 dB (ECO)/30 dB (Quiet)
Dimensions (W x H^{*2} x D)	335 x 134.1 x 329 mm (13-3/16 x 5-1/4 x 12-15/16 in)	335 x 134.1 x 329 mm (13-3/16 x 5-1/4 x 12-15/16 in)	335 x 134.1 x 329 mm (13-3/16 x 5-1/4 x 12-15/16 in)	335 x 134.1 x 329 mm (13-3/16 x 5-1/4 x 12-15/16 in)
Weight^{*3}	Approx. 3.9 kg/8.6 lbs	Approx. 3.9 kg/8.6 lbs	Approx. 3.9 kg/8.6 lbs	Approx. 3.9 kg/8.6 lbs
Replacement lamp	ET-LAL510	ET-LAL510	ET-LAL510	ET-LAL510
Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV430B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-WML100 (Wireless Module) ET-ADSV (D-Sub/S-VIDEO conversion cable) ET-PEN100 (Interactive Light pen) ET-PNT100 (Interactive Pointer)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV430B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-WML100 (Wireless Module) ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV430B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-WML100 (Wireless Module) ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV430B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-WML100 (Wireless Module) ET-ADSV (D-Sub/S-VIDEO conversion cable)

*1: The usage environment affects the lamp replacement cycle.
*2: Height: with legs at shortest position.
*3: Average value. Each product has an individual variable in weight.

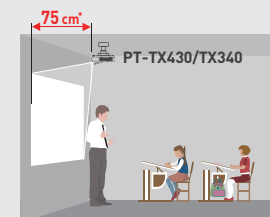
*4: To operate wireless projection, the optional Wireless Module ET-WML100 is required.

FEATURES

Short-Throw Projection

Close range projection reduces not only the shadows of the presenter but also the glare of the projection light, making lectures and meetings more comfortable.

• Projection distance for 80-inch screen



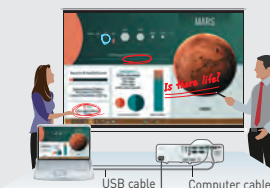
* Projection distance by model: PT-TX430/TX340: 75 cm [2.46 ft.], PT-TW371R/TW370: 80 cm [2.62 ft.]

Interactive function

Supported projector: PT-TW371R

You can write or draw figures on the projected image with the Interactive Pen/Pointer^{*1}. In addition, two users can write simultaneously, to make classes and presentations more effective.

*1: Interactive Pointer is optional.



Convenient Interactive Features by LightPen3 Software

- Auto driver installation.
- Auto calibration
- Functionality improved
- Dual pen support^{*2}

*2: Available for Windows® operating systems.

For more information, please visit the website.
>>> panasonic.net/cns/projector/products/tw371r/

Space Player

Track Mount Type

PT-JX200G
PT-JX200H



2,000 lm XGA

* Available in white/black cabinet.



PT-JW130G
PT-JW130H



1,000 lm WXGA

* Available in white/black cabinet.



Projector type	1-Chip DLP™ Projector	1-Chip DLP™ Projector
Panel size	14.0 mm (0.55 in)	11.4 mm (0.45 in)
Aspect ratio	4:3	16:10
Number of pixels	786,432 pixels (equivalent to XGA)	1,039,680 pixels (WXGA comparable)
Light source	Laser diode	Laser diode
Light output	2,000 lm	1,000 lm
Time until light output declines to 50%*1	20,000 hours	20,000 hours
Resolution	XGA (1,024 x 768)	WXGA (1,280 x 800)
Contrast (full on/full off)	1,000:1	1,000:1
Screen size (diagonal)	0.76-5.08 m (30-200 in)	0.76-5.08 m (30-200 in)
Lens (throw ratio)	F 2.0-2.7, f 15.2-32.7 mm [1.3-2.9:1]	F 2.0-2.7, f 15.2-32.7 mm [1.5-3.3:1]
Filter Replacement Cycle	- (No filter)	- (No filter)
Installation	Ceiling/floor, front/rear, Portrait	Ceiling/floor, front/rear, Portrait
Terminals	HDMI in [HDMI 19-pin x 1] Audio out [M3 x 1] LAN [RJ-45 x 1] USB [USB type-A x 1 (for power supply [DC 5 V, up to 2 A])]]	HDMI in [HDMI 19-pin x 1] Audio out [M3 x 1] LAN [RJ-45 x 1] USB [USB type-A x 1 (for power supply [DC 5 V, up to 900 mA])]]
Card slot	SD card slot x 1 (supports SDHC memory card)	SD card slot x 1 (supports SDHC memory card)
Power supply	PT-JX200G: 100-240 V AC, 2.7-1.1 A, 50/60 Hz PT-JX200H: 120 V AC, 2.3 A, 50/60 Hz	PT-JW130G: 100-240 V AC, 1.4-0.6 A, 50/60 Hz PT-JW130H: 120 V AC, 1.2 A, 50/60 Hz
Power consumption	240 W	125 W
Operation noise	33 dB (NORMAL)/30 dB (ECO)	36 dB (NORMAL)/30 dB (ECO)
Weight*2	Approx. 4.5 kg/9.9 lbs	Approx. 3.2 kg/7.1 lbs
Optional accessories	ET-JPC200 (Mount bracket for direct mount type PT-JX200F) ET-JPF200 (Floor stand kit for direct mount type PT-JX200F)	ET-JPC100 (Ceiling kit for direct mount type PT-JW130F) ET-JPF100 (Floor stand kit for direct mount type PT-JW130F)

*1: After approximately 20,000 hours, cleaning needs to be performed (by the vendor which you purchased from). The light source's lifetime may be shortened due to environmental conditions and operating mode. *2: Average value. Each product has an individual variable in weight.

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

Direct Mount Type

Ceiling/Wall Installation Type

PT-JX200F +
ET-JPC200

(Mount bracket)



Floor Type

PT-JX200F +
ET-JPF200

(Floor stand kit)



Ceiling/Wall Installation Type

PT-JW130F +
ET-JPC100

(Ceiling kit)



Floor Type

PT-JW130F +
ET-JPF100

(Floor stand kit)



Brilliant hybrid spotlight & projector creates a new world of possibilities for Retail and Exhibition

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

Spotlight type design

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



Position-adjustable structure

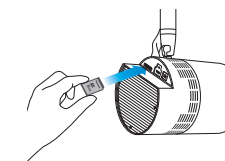
Projection can cover all downward directions from the horizontal level.



Compatible with most replay systems

Image input: SD card, HDMI, wireless LAN

*Will not replay movies via wifi



*Featured image: PT-JW130

Application Example

Restaurant

Surprise your guests with visual highlights, turning a visit into an unforgettable event. Ambience-enhancing highlights can transform an evening meal into an exclusive dinner, leaving your guests not just satisfied, but delighted.



Museum

You can use the Space Player to project short biographies of artists and descriptions of their work –and show the exhibit in its best-possible form. Display art in a completely new light.



For more information about Space Player, please visit the website. > <https://business.panasonic.co.uk/visual-system/projectors/lighting-projectors>

Features (Large-Venue, Installation)

Features	PT-RQ32K	PT-RZ31K	PT-RS30K	PT-RQ22K	PT-RZ21K	PT-RS20K	PT-RQ13K	PT-RZ12K	PT-RS11K	PT-DZ21K2	PT-DS20K2		PT-DW17K2	PT-DZ16K2	PT-DZ13K	PT-RZ120	PT-RZ970	PT-RW930	PT-RX110	PT-RZ870	PT-RZ770	PT-RW730	PT-RZ660	PT-RW620	PT-RZ570	PT-RZ575	
Specification																											
DIGITAL LINK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
24/7 operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4K signal input	-	-	-	-	-	-	-	-	-	-	-		-	-	-	✓ ²	-	-	-	-	-	-	-	-	-	-	-
Picture Quality																											
Detail Clarity Processor 5+	✓	-	-	✓	-	-	✓	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Detail Clarity Processor 5	-	✓	✓	-	✓	✓	-	✓	✓	✓	✓		✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
Detail Clarity Processor 4	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Detail Clarity Processor 3	-	-	-	-	-	-	-	-	-	-	-		-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
System Daylight View 3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
System Daylight View 2	-	-	-	-	-	-	-	-	-	-	-		-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-
Daylight View Basic	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓
Daylight View Lite	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3D Ready	-	✓	✓	-	✓	✓	-	✓	✓	✓	✓		-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-
Installation																											
Multi Screen Support System	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Geometric Adjustment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-
Multi-Unit Brightness and Color Control	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
360-degree free installation	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-		-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Contrast Sync and Shutter Sync	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-
Corner Keystone	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Curved Screen Correction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Function																											
Wireless Function	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mirroring Function	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
USB Memory Viewer	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
USB Memory Viewer Light	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P-in-P	-	✓	✓	-	✓	✓	-	✓	✓	✓	✓		✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Backup Input	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓
Emulation	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Data Cloning Function	-	-	-	-	-	-	-	-	-	-	-		-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-
HDR compatible	✓	-	-	✓	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mechanical Shutter	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Software																											
Multi Monitoring & Control Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wireless Manager	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plug and Share	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Presenter Light	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Geometry Manager Pro	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		-	-	✓	✓	✓	-	-	✓	✓	-	✓	-	-	-	-
Smart Projector Control	✓	✓	✓	✓	✓	✓	-	-	-	-	-		-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-
Logo Transfer Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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

*2: HDMI/DIGITAL LINK input only.

Features (Installation)

Features	PT-RZ470	PT-RW430	PT-RZ475	PT-RZ370	PT-RW330	PT-DZ870	PT-DW830	PT-DX100	PT-DZ780	PT-DW750	PT-DX820		PT-MZ770	PT-MW730	PT-MZ670	PT-MW630	PT-MZ570	PT-MW530	PT-EZ770Z	PT-EW730Z	PT-EX800Z	PT-EZ590	PT-EZ57	PT-EW650	PT-EW550	PT-EX620	PT-EX520	PT-FZ570	PT-FW530	
Specification																														
DIGITAL LINK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
24/7 operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4K signal input	-	-	-	-	-	-	-	-	-	-	-	✓ ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Picture Quality																														
Detail Clarity Processor 5+	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Detail Clarity Processor 5	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Detail Clarity Processor 4	-	-	-	-	-	-	-	-	-	-	-		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Detail Clarity Processor 3	-	-	-	-	-	✓	✓	✓	✓	✓	✓		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
System Daylight View 3	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
System Daylight View 2	-	-	-	-	-	✓	✓	✓	✓	✓	✓		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Daylight View Basic	✓	✓	✓	✓	✓	-	-	-	-	-	-		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Daylight View Lite	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3D Ready	✓	✓	✓	-	-	✓	✓	✓	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Installation																														
Multi Screen Support System	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Geometric Adjustment	-	-	-	-	-	✓	✓	✓	✓	✓	✓		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Multi-Unit Brightness and Color Control	✓	✓	✓	-	-	✓	✓	✓	✓	✓	✓		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
360-degree free installation	-	-	-	-	-	-	-	-	-	-	-		✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Contrast Sync and Shutter Sync	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corner Keystone	-	-	-	-	-	-	-	-	-	-	-		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Curved Screen Correction	-	-	-	-	-	-	-	-	-	-	-		✓	✓	✓	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
Function																														
Wireless Function	-	-	-	-	-	-	-	-	-	-	-	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	-	-	-	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²
Mirroring Function	-	-	-	-	-	-	-	-	-	-	-	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	-	-	-	-	-	-	-	-	-	-	-	-
USB Memory Viewer	-	-	-	-	-	-	-	-	-	-	-		✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
USB Memory Viewer Light	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P-in-P	-	-	-	-	-	✓	✓	✓	✓	✓	✓		-	-	-	-	-	-	-	✓	✓	✓	-	-	-	-	-	-	-	
Backup Input	-	-	-	-	-	-	-	-	✓	✓	✓		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Emulation	✓	✓	✓	✓	✓	-	-	-	-	-	-		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Data Cloning Function	-	-	-	-	-	-	-	-	-	-	-		✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
HDR compatible	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mechanical Shutter	-	-	-	-	-	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Software																														
Multi Monitoring & Control Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wireless Manager	-	-	-	-	-	-	-	-	-	-	-		✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Plug and Share	-	-	-	-	-	-	-	-	-	-	-		✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Presenter Light	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
Geometry Manager Pro	-	-	-	-	-	✓	-	-	✓	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Smart Projector Control	-	-	-	-	-	-	-	-	-	-	-		✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Logo Transfer Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

*1: HDMI/DIGITAL LINK input only.

*2: To operate wireless projection, the optional Wireless Module is required.






Features (Installation, Portable, Short Throw)


Features	PT-VMZ50	PT-VMW50	PT-VMZ40	PT-VZ585N	PT-VZ580	PT-VW545N	PT-VW540	PT-VX615N	PT-VX610	PT-VZ470	PT-VW360	PT-VX430	PT-LW375	PT-LW335	PT-LB425	PT-LB385	PT-LB355	PT-LB305	PT-TW371R	PT-TW370	PT-TX430	PT-TX340	
Specification																							
DIGITAL LINK	✓	✓	-	✓	-	✓	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/7 operation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4K signal input	✓ ^{*1}	✓ ^{*1}	✓ ^{*1}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Picture Quality																							
Detail Clarity Processor 5+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Detail Clarity Processor 5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Detail Clarity Processor 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Detail Clarity Processor 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Daylight View 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Daylight View 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Daylight View Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Daylight View Lite	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3D Ready	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Installation																							
Multi Screen Support System	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Geometric Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Multi-Unit Brightness and Color Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
360-degree free installation	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contrast Sync and Shutter Sync	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corner Keystone	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Curved Screen Correction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Function																							
Wireless Function	✓ ^{*2}	✓ ^{*2}	✓ ^{*2}	✓	-	✓	-	✓	-	-	✓ ^{*2}	✓ ^{*2}	✓ ^{*2}	✓ ^{*2}	✓ ^{*2}	✓ ^{*2}	✓ ^{*2}	-	✓ ^{*2}	✓ ^{*2}	✓ ^{*2}	✓ ^{*2}	
Mirroring Function	-	-	-	✓	-	✓	-	✓	-	-	✓ ^{*2}	✓ ^{*2}	-	-	-	-	-	-	-	-	-	-	-
USB Memory Viewer	-	-	-	✓	-	✓	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
USB Memory Viewer Light	✓	✓	✓	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	
P-in-P	-	-	-	-	-	-	-	-	-	-	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Backup Input	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Emulation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Data Cloning Function	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HDR compatible	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mechanical Shutter	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Software																							
Multi Monitoring & Control Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wireless Manager	-	-	-	✓	-	✓	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plug and Share	-	-	-	✓	-	✓	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Presenter Light	✓	✓	✓	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	
Geometry Manager Pro	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Smart Projector Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Logo Transfer Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-

*1: HDMI/DIGITAL LINK input only. Supports signal up to 4K/30p.
 *2: To operate wireless projection, the optional Wireless Module required.

Optional Lenses for 3-Chip DLP™ Projector (Large-Venue)

ID :Featuring Auto Lens Identification Function*1 M :Featuring Stepping Motor

Lens type	Fixed-focus lens	Fixed-focus lens	Zoom lens	Zoom lens	Zoom lens
Model number	ET-D75LE95	ET-D3LEW50 ⁴	ET-D3LEW60	ET-D75LE6	ET-D3LEW10
					
F value	2.5	2.5	2.5	2.5	2.5
Focal distance (f)	7.5 mm	14.8 mm	19.63-23.54 mm	19.63-23.54 mm	26.6-36.4 mm
Weight	Approx. 6.5 kg/14.3 lbs	Approx. 7.1 kg/15.7 lbs	Approx. 8.7 kg/19.2 lbs	Approx. 8.7 kg/19.2 lbs	Approx. 6.2 kg/13.7 lbs

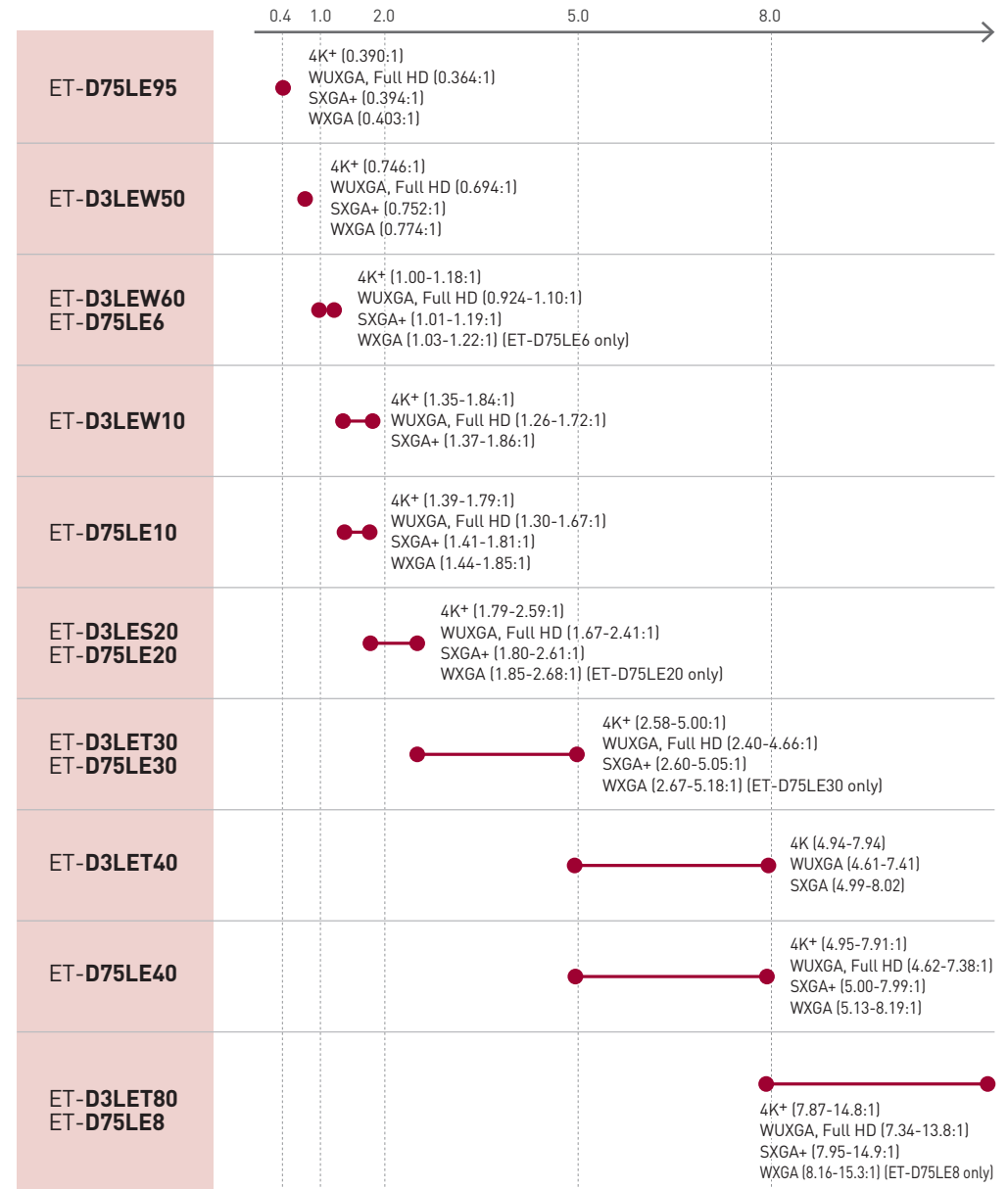
Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens	Zoom lens
Model number	ET-D75LE10	ET-D3LES20	ET-D75LE20	ET-D3LET30	ET-D75LE30
					
F value	2.5	2.5	2.5	2.5	2.5
Focal distance (f)	27.4-35.4 mm	35.0-50.9 mm	35.0-50.9 mm	50.4-98.0 mm	50.5-97.9 mm
Weight	Approx. 6.1 kg/13.4 lbs	Approx. 5.2 kg/11.5 lbs	Approx. 5.2 kg/11.5 lbs	Approx. 5.8 kg/12.8 lbs	Approx. 5.2 kg/11.5 lbs

Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens	Fish eye lens
Model number	ET-D3LET40	ET-D75LE40	ET-D3LET80	ET-D75LE8	ET-D3LEF70
					
F value	2.5	2.5	2.5-2.7	2.5-2.7	2.5
Focal distance (f)	96.6-154.9 mm	96.6-154.1 mm	154-289 mm	154-289 mm	9.0 mm
Weight	Approx. 5.0 kg/11.0 lbs	Approx. 5.0 kg/11.0 lbs	Approx. 8.5 kg/18.7 lbs	Approx. 8.5 kg/18.7 lbs	Approx. 7.1 kg/ 15.7 lbs

Optional Lenses Compatibility Chart

	ET-D75LE95	ET-D3LEW50	ET-D3LEW60	ET-D75LE6	ET-D3LEW10	ET-D75LE10	ET-D3LES20	ET-D75LE20	ET-D3LET30	ET-D75LE30	ET-D3LET40	ET-D75LE40	ET-D3LET80	ET-D75LE8	ET-D3LEF70
PT-RQ32K	✓	✓	✓ ²	✓	✓ ²	✓	✓ ²	✓	✓ ²	✓	✓ ²	✓	✓ ²	✓	✓
PT-RZ31K	✓	✓	✓ ²	✓	✓ ²	✓	✓ ²	✓	✓ ²	✓	✓ ²	✓	✓ ²	✓	✓
PT-RS30K	✓	✓	✓ ²	✓	✓ ²	✓	✓ ²	✓	✓ ²	✓	✓ ²	✓	✓ ²	✓	✓
PT-RQ22K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ21K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RS20K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RQ13K	✓	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓	✓
PT-RZ12K	✓	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓	✓
PT-RS11K	✓	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓	✓
PT-DZ21K2	✓	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓	✓
PT-DS20K2	✓	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓	✓
PT-DW17K2	✓	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓	✓
PT-DZ16K2	✓	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓	✓
PT-DZ13K	✓	✓	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓	✓

Throw Ratio





*1: Calibration is required each time the lens is mounted.
*2: Projector may require the latest firmware update.

Optional Lenses for 1-Chip DLP™ Projector (Installation)

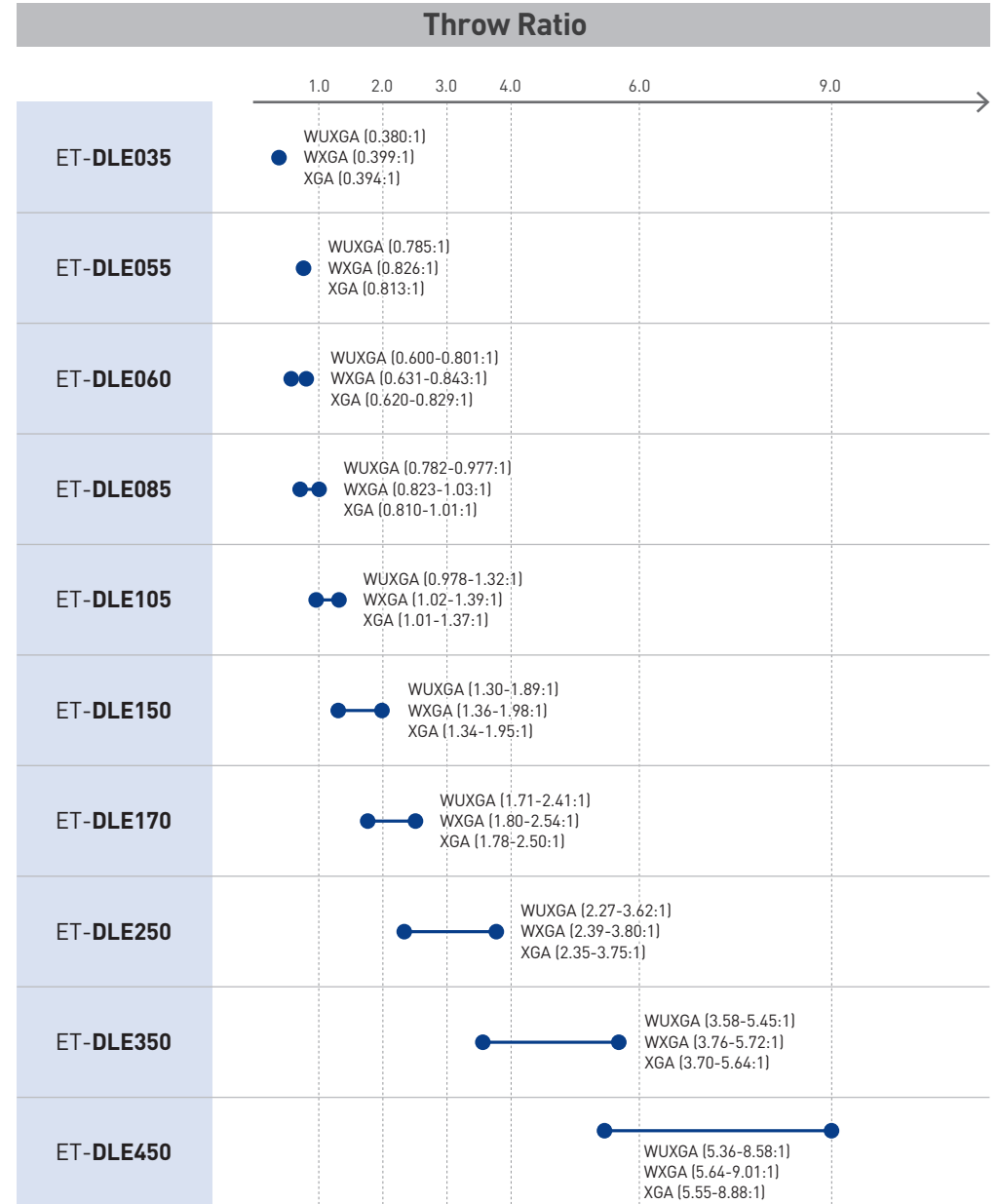
Lens type	Fixed-focus lens	Fixed-focus lens	Zoom lens	Zoom lens
Model number	ET-DLE035	ET-DLE055	ET-DLE060	ET-DLE085
	 NEW			
F value	2.0	1.8	1.85-2.34	1.85-2.20
Focal distance (f)	5.3 mm	11.9 mm	9.16-12.06 mm	11.8-14.6 mm
Weight	Approx. 1.3 kg/3.1 lbs	Approx. 0.8 kg/1.8 lbs	Approx. 1.3 kg/2.9 lbs	Approx. 1.3 kg/2.9 lbs

Lens type	Zoom lens	Zoom lens	Zoom lens (supplied lens)*	Zoom lens
Model number	ET-DLE105	ET-DLE150	ET-DLE170	ET-DLE250
				
F value	1.85-2.35	1.8-2.4	1.7-1.9	1.8-2.4
Focal distance (f)	14.7-19.7 mm	19.4-27.9 mm	25.6-35.7 mm	33.9-53.2 mm
Weight	Approx. 1.2 kg/2.6 lbs	Approx. 1.1 kg/2.4 lbs	Approx. 0.9 kg/2.0 lbs	Approx. 1.0 kg/2.2 lbs

Lens type	Zoom lens	Zoom lens
Model number	ET-DLE350	ET-DLE450
		
F value	1.8-2.2	1.8-2.4
Focal distance (f)	52.8-79.5 mm	79.5-125.2 mm
Weight	Approx. 1.1 kg/2.4 lbs	Approx. 1.3 kg (2.9 lbs)

Optional Lenses Compatibility Chart

	ET-DLE030	ET-DLE055	ET-DLE060	ET-DLE085	ET-DLE105	ET-DLE150	ET-DLE170	ET-DLE250	ET-DLE350	ET-DLE450
PT-RZ120	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ970	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RW930	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RX110	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ870	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ770	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RW730	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ660	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RW620	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-DZ870	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-DW830	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-DX100	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-DZ780	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-DW750	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-DX820	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



* The ET-DLE170 is equivalent of supplied lens. Availability varies depending on the country.

Optional Lenses for LCD Projector (Installation)

Lens type	Fixed-focus lens	Zoom lens	Zoom lens	Zoom lens (supplied lens)*
Model number	ET-ELW21	ET-ELW22	ET-ELW20	ET-ELS20
				
F value	2.0	2.0-2.4	1.8-2.3	1.7-2.3
Focal distance (f)	13.05 mm	13.27-16.56 mm	20.4-27.6 mm	26.9-45.4 mm
Weight	Approx. 1.08 kg/2.4 lbs	Approx. 1.2 kg/2.7 lbs	Approx. 1.20 kg/2.6 lbs	Approx. 0.9 kg/2.0 lbs

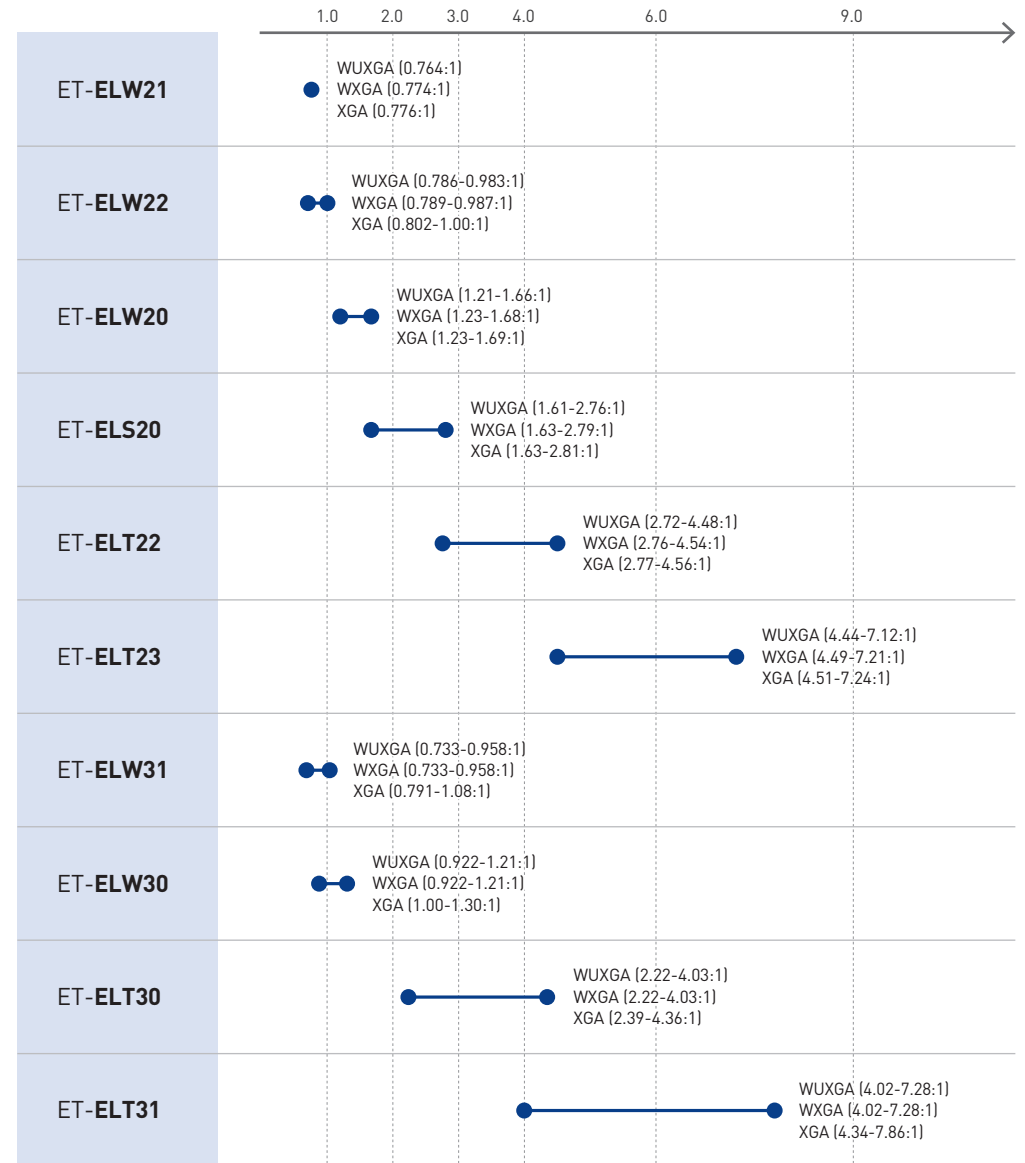
Lens type	Zoom lens	Zoom lens
Model number	ET-ELT22	ET-ELT23
		
F value	1.8-2.3	1.8-2.3
Focal distance (f)	45.6-73.8 mm	74.8-118.2 mm
Weight	Approx. 1.18 kg/2.6 lbs	Approx. 1.20 kg/2.6 lbs

Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens
Model number	ET-ELW31	ET-ELW30	ET-ELT30	ET-ELT31
				
F value	1.7-2.0	1.7-1.99	1.7-2.24	1.7-2.3
Focal distance (f)	10.46-13.61 mm	13.09-17.03 mm	31.34-56.79 mm	56.41-101.66 mm
Weight	Approx. 1.20 kg/2.6 lbs	Approx. 1.20 kg/2.6 lbs	Approx. 1.52 kg/3.4 lbs	Approx. 1.55 kg/3.4 lbs

Optional Lenses Compatibility Chart

	ET-ELW21	ET-ELW22	ET-ELW20	ET-ELS20	ET-ELT22	ET-ELT23	ET-ELW31	ET-ELW30	ET-ELT30	ET-ELT31
PT-MZ770	✓	✓	✓	✓	✓	✓	-	-	-	-
PT-MW730	✓	✓	✓	✓	✓	✓	-	-	-	-
PT-MZ670	✓	✓	✓	✓	✓	✓	-	-	-	-
PT-MW630	✓	✓	✓	✓	✓	✓	-	-	-	-
PT-MZ570	✓	✓	✓	✓	✓	✓	-	-	-	-
PT-MW530	✓	✓	✓	✓	✓	✓	-	-	-	-
PT-EZ770Z	✓	✓	✓	✓	✓	✓	-	-	-	-
PT-EW730Z	✓	✓	✓	✓	✓	✓	-	-	-	-
PT-EX800Z	✓	✓	✓	✓	✓	✓	-	-	-	-
PT-EZ590	-	-	-	-	-	-	✓	✓	✓	✓
PT-EW650	-	-	-	-	-	-	✓	✓	✓	✓
PT-EW550	-	-	-	-	-	-	✓	✓	✓	✓
PT-EX620	-	-	-	-	-	-	✓	✓	✓	✓
PT-EX520	-	-	-	-	-	-	✓	✓	✓	✓

Throw Ratio



* The ET-ELS20 is equivalent of supplied lens. Availability varies depending on the country.

Optional Accessories for 3-Chip DLP™ Projector (Large-Venue)

Model Type	Model Number	PT-RQ32K	PT-RZ31K	PT-RS30K	PT-RQ22K	PT-RZ21K	PT-RS20K		PT-RQ13K	PT-RZ12K	PT-RS11K	PT-DZ21K2	PT-DS20K2	PT-DW17K2	PT-DZ16K2	PT-DZ13K
Replacement lamp unit																
432 W UHM lamp x 1	ET-LAD520	-	-	-	-	-	-		-	-	-	✓	✓	✓	✓	-
432 W UHM lamp x 4	ET-LAD520F	-	-	-	-	-	-		-	-	-	✓	✓	✓	✓	-
432 W UHM lamp x 1	ET-LAD520P (for portrait mode)	-	-	-	-	-	-		-	-	-	✓	✓	✓	✓	-
432 W UHM lamp x 4	ET-LAD520PF (for portrait mode)	-	-	-	-	-	-		-	-	-	✓	✓	✓	✓	-
380 W UHM lamp x 1	ET-LAD310A	-	-	-	-	-	-		-	-	-	-	-	-	-	✓
380 W UHM lamp x 2	ET-LAD310AW	-	-	-	-	-	-		-	-	-	-	-	-	-	✓
380 W UHM lamp x 1	ET-LAD320P (for portrait mode)	-	-	-	-	-	-		-	-	-	-	-	-	-	✓
380 W UHM lamp x 2	ET-LAD320PW (for portrait mode)	-	-	-	-	-	-		-	-	-	-	-	-	-	✓
Ceiling mount bracket																
High ceiling mount bracket	ET-PKD520H	-	-	-	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	-
Low ceiling mount bracket	ET-PKD520S	-	-	-	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	-
Projector mount bracket	ET-PKD520B	-	-	-	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	-
Frame	ET-PFD510*1	-	-	-	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	-
Attachment for ceiling mount bracket	ET-PAD310	-	-	-	-	-	-		-	-	-	-	-	-	-	✓
Frame	ET-PFD310	-	-	-	-	-	-		-	-	-	-	-	-	-	✓
High ceiling mount bracket	ET-PKD120H	-	-	-	-	-	-		-	-	-	-	-	-	-	✓
Low ceiling mount bracket	ET-PKD120S	-	-	-	-	-	-		-	-	-	-	-	-	-	✓
Replacement filter unit																
Replacement filter unit	ET-EMF330	✓	✓	✓	-	-	-		✓	✓	✓	-	-	-	-	-
Smoke cut filter	ET-SFR330*2	✓	✓	✓	-	-	-		✓	✓	✓	-	-	-	-	-
Long-life filter unit	ET-EMFU330	✓	✓	✓	-	-	-		-	-	-	-	-	-	-	-
Replacement filter unit	ET-EMF510	-	-	-	-	-	-		-	-	-	✓	✓	✓	✓	-
Replacement filter unit	ET-EMF320	-	-	-	-	-	-		-	-	-	-	-	-	-	✓
Smoke cut filter	ET-SFD320*2	-	-	-	-	-	-		-	-	-	-	-	-	-	✓
Replacement smoke cut filter	ET-SFR320	-	-	-	-	-	-		-	-	-	-	-	-	-	✓
Peripheral																
DIGITAL LINK Switcher	ET-YFB200G	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	-
Digital Interface Box	ET-YFB100G	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	-
Multi Window Processor	ET-MWP100*3	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Software																
Early Warning Software	ET-SWA100 Series*4	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Geometry Manager Pro Upgrade Kit	ET-UK20	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	-	-	✓
Auto Screen Adjustment Upgrade Kit	ET-CUK10/CUK10P*3	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	-	-	✓
Interface board																
DVI-D input signal board	ET-MDNDV10	✓	-	-	✓	-	-		✓	-	-	-	-	-	-	-
HDMI input signal board	ET-MDNHM10	✓	-	-	✓	-	-		✓	-	-	-	-	-	-	-
3G-SDI input signal board	TY-TBN03G	✓	-	-	✓	-	-		✓	-	-	-	-	-	-	-
12G-SDI signal board	ET-MDN12G10	✓	-	-	✓	-	-		✓	-	-	-	-	-	-	-

*1: This frame cannot be used when the separately sold ET-D75LE95 fixed focus lens is attached to the projector.

*2: The smoke cut filter is an air filter unit for an applicable Panasonic projector, for when the projector is used at events or other situation where smoke, fog or haze is being generated as a special effect.

*3: The availability varies depending on the country.

*4: The suffix of the model number differs according to the license type.

Optional Accessories for 1-Chip DLP™ Projector (Installation)

Model Type	Model Number	PT-RZ120	PT-RZ970	PT-RW930	PT-RX110	PT-RZ870	PT-RZ770		PT-RW730	PT-RZ660	PT-RW620	PT-RZ570	PT-RZ575	PT-RZ470	PT-RW430	PT-RZ475	PT-RZ370	PT-RW330	PT-DZ870	PT-DW830	PT-DX100	PT-DZ780	PT-DW750	PT-DX820
		Replacement lamp unit																						
420 W UHM lamp x 1	ET-LAD120	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	✓	✓	✓	-	-	-
420 W UHM lamp x 2	ET-LAD120W	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	✓	✓	✓	-	-	-
420 W UHM lamp x 1	ET-LAD120P (for portrait mode)	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	✓	✓	✓	-	-	-
420 W UHM lamp x 2	ET-LAD120PW (for portrait mode)	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	✓	✓	✓	-	-	-
310 W UHM lamp x 1	ET-LAD70	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓
310 W UHM lamp x 2	ET-LAD70W	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓
Ceiling mount bracket																								
High ceiling mount bracket with 6-axis adjustment mechanism	ET-PKD130H*1	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	-	-	-	-	-	✓	✓	✓	✓	✓	✓
Bracket assembly	ET-PKD130B	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	-	-	-	-	-	✓	✓	✓	✓	✓	✓
High ceiling mount bracket	ET-PKD120H	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	-	-	-	-	-	✓	✓	✓	✓	✓	✓
Low ceiling mount bracket	ET-PKD120S	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	-	-	-	-	-	✓	✓	✓	✓	✓	✓
Ceiling mount bracket for portrait mode	ET-PKR100P	-	-	-	-	-	-		-	-	-	-	-	✓	✓	✓	-	-	-	-	-	-	-	-
High ceiling mount bracket	ET-PKR100H	-	-	-	-	-	-		-	-	-	-	-	✓	✓	✓	✓	✓	-	-	-	-	-	-
Low ceiling mount bracket	ET-PKR100S	-	-	-	-	-	-		-	-	-	-	-	✓	✓	✓	✓	✓	-	-	-	-	-	-
Peripheral																								
DIGITAL LINK Switcher	ET-YFB200G	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Digital Interface Box	ET-YFB100G	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Multi Window Processor	ET-MWP100*2	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D-Sub/S-VIDEO conversion cable	ET-ADSV	-	-	-	-	-	-		-	-	-	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Software																								
Early Warning Software	ET-SWA100 Series*3	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Geometry Manager Pro Upgrade Kit	ET-UK20	✓	✓	-	-	✓	✓		-	✓	-	-	-	-	-	-	-	-	✓	-	-	✓	-	-
Auto Screen Adjustment Upgrade Kit	ET-CUK10/CUK10P*2	✓	✓	-	-	✓	✓		-	✓	-	-	-	-	-	-	-	-	✓	-	-	✓	-	-

*1: Recommended when used with the ET-DLE035.

*2: The availability varies depending on the country.

*3: The suffix of the model number differs according to the license type.

Optional Accessories for LCD Projector (Installation)

Model Type	Model Number	PT-MZ770	PT-MW730	PT-MZ670	PT-MW630	PT-MZ570	PT-MW530	PT-EZ770Z	PT-EW730Z	PT-EX800Z	PT-EZ590	PT-EZ57	PT-EW650	PT-EW550	PT-EX620	PT-EX520	PT-FZ570	PT-FW530	
Replacement lamp unit																			
400 W UHM lamp x 1	ET-LAE300	-	-	-	-	-	-	✓	✓	✓	-	-	-	-	-	-	-	-	-
320 W UHM lamp x 1	ET-LAEF100	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ceiling mount bracket																			
High ceiling mount bracket	ET-PKD120H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Low ceiling mount bracket	ET-PKD120S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bracket assembly	ET-PKE301B	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-
Bracket assembly	ET-PKE300B	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Replacement filter unit																			
Replacement filter unit	ET-RFE300	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-
Replacement filter unit	ET-RFF200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓
Replacement filter unit	ET-RFM100	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-
Wireless module																			
Wireless module	ET-WM300	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-
Wireless module	ET-WML100	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓
Easy wireless stick	ET-UW100*1	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-
Peripheral																			
DIGITAL LINK Switcher	ET-YFB200G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	-	✓	✓	✓
Digital Interface Box	ET-YFB100G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	-	✓	✓	✓
Multi Window Processor	ET-MWP100*1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D-Sub/S-VIDEO conversion cable	ET-ADSV	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓
Software																			
Early Warning Software	ET-SWA100 Series*2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

*1: The availability varies depending on the country.

*2: The suffix of the model number differs according to the license type.

Optional Accessories for LCD Projector

(Installation, Portable, Short Throw)

Model Type	Model Number	PT-VMZ50	PT-VMW50	PT-VMZ40	PT-VZ585N	PT-VZ580	PT-VW545N	PT-VW540	PT-VX615N	PT-VX610	PT-VZ470	PT-VW360	PT-VX430	PT-LW375	PT-LW335	PT-LB425	PT-LB385	PT-LB355	PT-LB305	PT-TW371R	PT-TW370	PT-TX430	PT-TX340
Replacement lamp unit																							
270 W UHM lamp x 1	ET-LAV400	-	-	-	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-
230 W UHM lamp x 1	ET-LAV300	-	-	-	-	-	-	-	-	-	-	✓	✓	-	-	-	-	-	-	-	-	-	-
230 W UHM lamp x 1	ET-LAL510	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ceiling mount bracket																							
Bracket assembly	ET-PKV400B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-
High ceiling mount bracket	ET-PKL100H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Low ceiling mount bracket	ET-PKL100S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bracket assembly	ET-PKL430B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓
Bracket assembly	ET-PKL420B	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-	-	-
Replacement filter unit																							
Replacement filter unit	ET-RFV410	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
Replacement filter unit	ET-RFV400	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-	-	-
Replacement filter unit	ET-RFV300	-	-	-	-	-	-	-	-	-	-	✓	✓	-	-	-	-	-	-	-	-	-	-
Replacement filter unit	ET-RFL300	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wireless module																							
Wireless module	ET-WML100	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓	✓
Wireless module	AJ-WM50	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Easy wireless stick	ET-UW100 ^{*1}	-	-	-	✓	-	✓	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peripheral																							
DIGITAL LINK Switcher	ET-YFB200G	✓	✓	✓	✓	-	✓	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Digital Interface Box	ET-YFB100G	✓	✓	✓	✓	-	✓	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Multi Window Processor	ET-MWP100 ^{*1}	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Interactive Light pen	ET-PEN100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	-	-	-
Interactive Pointer	ET-PNT100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	-	-	-
D-Sub/S-VIDEO conversion cable	ET-ADSV	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Software																							
Early Warning Software	ET-SWA100 Series ^{*2}	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓

*1: The availability varies depending on the country.
 *2: The suffix of the model number differs according to the license type.

High-Resolution Fisheye Lens for Immersive Projection in Entertainment Applications

Fisheye Lens
for 3-Chip DLP™ Projectors
ET-D3LEF70 (optional)



Features

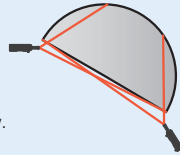
- Suitable for dome theater, planetarium, theme park, events, etc.
- Supports high-resolution WQXGA (4K⁺) projection
- Wide lens shift for flexible projection
- Surrounding focus correction when projecting from short distances
- Compatible with Panasonic 3-Chip DLP™ projectors*

* Supports the PT-D7500 3-Chip DLP™ projector and later models.



Planetariums, Dome Theaters, and Theme Parks

Unlock the potential of your space. Combine the ET-D3LEF70, a Panasonic 4K⁺ projector, and quality video content to see attendance figures soar. This lens makes the creation of new theme-park attractions possible with full-dome coverage and excellent flexibility.



Events and Exhibitions

Make your client's exhibit the talk of the trade show, exposition, or event with a portable video dome. Image Plane Correction is supported at short projection distances, while wide lens-shift enables highly flexible and easy installation.



Simulators

From driver education, pilot training, to ship maneuvering, the ET-D3LEF70 brings true-to-life environments alive in your simulation suite.



Supporting Accurate Installation

Stepping Motor Kit
ET-D75MKS10^{*1}

This product is an adaptor kit for increasing the speed of zoom operations and for improving the reproducibility of zoom positions for optional lenses for Panasonic's 3-chip DLP™ projectors.

Note: This kit can not be used by itself. It can only be used in combination with the applicable lenses listed below.

Model number	ET-D75MKS10
Dimensions (W x H x D)	101 x 82.5 x 59 mm (3-31/32 x 3-1/4 x 2-5/16 inches)
Weight ^{*2}	Approx. 145 g/0.3 lbs
Supported lens	ET-D75LE10, ET-D75LE20, ET-D75LE30, ET-D75LE40, ET-D75LE6, ET-D75LE8
Supported projectors	PT-RQ32K ^{*3} , PT-RZ31K ^{*3} /RS30K ^{*3} , PT-RQ22K, PT-RZ21K/RS20K

*1: Calibration is required each time the lens is mounted. *2: Average value. Each product has an individual variable in weight.

*3: Projector may require the latest firmware update.

All-in-One Connectivity

DIGITAL LINK Switcher
ET-YFB200G (optional)



Equipped with DIGITAL LINK output terminals.^{*1} Allows transmission of HDMI, uncompressed Full HD video, audio and control signals (Ethernet, RS-232C) for up to 100 m (328 ft.) through a single CAT5e (STP) cable or higher. Long Reach Mode supports up to 1080/60p signal transmission for 150 m (492 ft.).^{*2}

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

*2: For more information about Long Reach mode compatible model, please visit the website

>> panasonic.net/cns/prodisplays/solutions/technology/digital_link/#projector

Digital Interface Box
ET-YFB100G (optional)



* ET-YFB200G/YFB100G is not compatible with 4K signals.

Turnkey Solution for Multi-Window Presentations

Multi Window Processor
ET-MWP100G (optional)



* When the optional DIGITAL LINK board is mounted.

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.



Application Example: Broadcast Studio

The ET-MWP100G's optional interface boards support a wide variety of input sources. This makes it possible to connect to media servers, professional video cameras, and other devices.

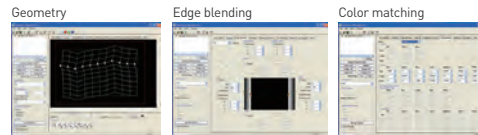
Flexible projection with a peripheral system turns image viewing into a memorable experience. Panasonic offers features that provide truly unique applications.

Geometric Adjustment (free)

Projectors with a built-in Geometric Adjustment function expand projection capability onto spherical, cylindrical and other specially shaped screens.

Geometry Manager Pro Software and Upgrade Kit (for a fee)

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



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

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

■ Auto Screen Adjustment Upgrade Kit (ET-CUK10/CUK10P)*2

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

Compatible Projector Models

	PT-RQ32K	PT-RZ31K	PT-RS30K	PT-RQ22K	PT-RZ21K	PT-RS20K	PT-RQ13K	PT-RZ12K	PT-RS11K
Geometric Adjustment	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Geometry Manager Pro Software	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ET-UK20	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ET-CUK10/CUK10P*2	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

	PT-DZ21K2	PT-DS20K2	PT-DW17K2	PT-DZ16K2	PT-DZ13K	PT-DS12K	PT-DZ10K
Geometric Adjustment	Yes	Yes	Yes	Yes	Yes	Yes	Yes*1
Geometry Manager Pro Software	Yes	Yes	No	No	Yes	Yes	Yes
ET-UK20	Yes	Yes	No	No	Yes	Yes	No
ET-CUK10/CUK10P*2	Yes	Yes	No	No	Yes	Yes	Yes

	PT-RZ120	PT-RZ970	PT-RW930	PT-RX110	PT-RZ870	PT-RZ770	PT-RW730	PT-RZ660	PT-RW620	PT-DZ870	PT-DZ780	PT-DW750	PT-DX820
Geometric Adjustment	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Geometry Manager Pro Software	Yes	Yes	No	No	Yes	Yes	No	Yes	No	Yes	Yes	No	No
ET-UK20	Yes	Yes	No	No	Yes	Yes	No	Yes	No	Yes	Yes	No	No
ET-CUK10/CUK10P*2	Yes	Yes	No	No	Yes	Yes	No	Yes	No	Yes	Yes	No	No

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

*2: A firmware update is required to use these functions. Availability varies depending on the country. For more information, please contact the sales company in your region.
Note: The PT-DW11K, PT-DW830 and PT-DX100, does not support Geometric Adjustment feature and upgrade kits.

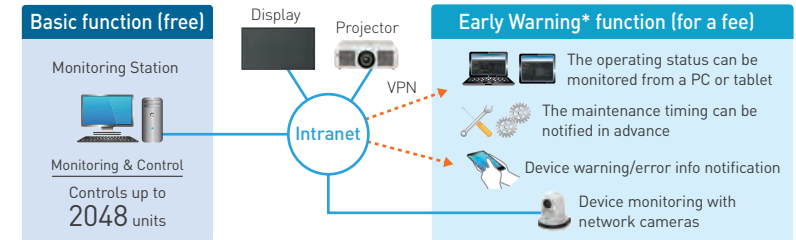


For downloading/activating the software and optional upgrade kits

PASS (Projector & Professional Display Asset Support System)

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

This free Panasonic software offers monitoring and control of up to 2,048 projectors and professional displays over a LAN network from a single PC to simplify management and maintenance while supporting stable operation. If you also purchase Early Warning Functions license, it will monitor the status of projectors and displays on the intranet and inform you of errors when it detects signs of trouble. This contributes to a lighter maintenance load and reduces costs.



* Software function support varies by model.
* Multi Monitoring & Control Software Ver.2.0 or higher is required to use the Early Warning function.

Features

• Map Display

Image files, such as floor plans, can be loaded, and the icon for each device can be positioned by 'Drag & Drop'.



• Auto Search of the Devices to Be Registered

You can select the devices to be registered from devices automatically searched on the network.*1

• Other Features

- Monitoring of the status of each device*2
- Execution of control commands
- Scheduling function
- Delivery of the contents list*3

Early Warning Function (ET-SWA100)

Maintenance Scheduling Suggestion*3

It is easier to plan for maintenance by predicting the approximate time for maintenance and service based on the usage monitoring.

Video Stop Detection Using a Network Camera

Images of registered projectors or displays can be monitored regularly by a supported network camera*4. You can also receive a notification when an abnormality such as a blackout or an image freeze happens.

If you install 'Multi Monitoring & Control Software,' a free 90-day trial is automatically available.



Captured image when an abnormality happens is stored

*1: Some devices can't be registered using the auto search function depending on the device status and network environment.

*2: Software functionality varies depending on the model. *3: Function for supported projectors and professional displays only.

*4: Panasonic Network camera (BB-S/DG-S/WV-S series), Panasonic PTZ camera (AW-UE70/HE40/HE130 series).

Utility Software can be downloaded from PASS



- Auto Screen Adjustment Upgrade Kit (ET-CUK10/CUK10P)
- Geometry Manager Pro and Upgrade Kit (ET-UK20)
- Early Warning Software (ET-SWA100 Series)

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

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All information included here is valid as of February 2019.