

Panasonic

BUSINESS



"Light Odyssey"



"HARUMI FLAG Pavilion" Japan



"Cubix Centre"


PROJECTORS


Line-up Catalog February 2020




Panasonic®

Weights and dimensions shown are approximate. Specifications and appearance are subject to change without notice. Product availability differs depending on region and country. These products may be subject to export control regulations. Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. DLP is a trademark or registered trademark of Texas Instruments. HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. HDBaseT™ is a trademark of the HDBaseT Alliance. All other trademarks are the property of their respective trademark owners. Projection images simulated. © 2020 Panasonic Corporation. All rights reserved.

 [PanasonicVisualSolutionsEU](https://www.facebook.com/PanasonicVisualSolutionsEU)

 [@Panasonicvisual](https://www.instagram.com/@Panasonicvisual)

 [PanasonicBusiness](https://www.youtube.com/PanasonicBusiness)

business.panasonic.co.uk/visual-system/

Worldwide
Olympic Partner



Worldwide
Paralympic Partner



Panasonic Projectors product lineup

3-Chip DLP™ Laser light source models

1-Chip DLP™ Laser light source models

LCD models

50,000 lm

NEW



● PT-RQ50K >P3
50,000 lm



● PT-RQ32K >P3
26,000 lm



*Resolution 5120 x 3200 Pixels (Quad Pixel Drive: ON).



● PT-RZ31K Series >P4
30,000 lm



● PT-RZ21K Series >P5
20,000 lm



● PT-RQ22K >P4
20,000 lm



*Resolution 5120 x 3200 Pixels (Quad Pixel Drive: ON).



● PT-RZ12K Series >P6
12,000 lm



● PT-RQ13K >P6
10,000 lm

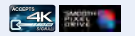


*Resolution 5120 x 3200 Pixels (Quad Pixel Drive: ON).

10,000 lm



● PT-RCQ10 Series >P7
8,000-10,000 lm



● PT-RZ120 >P8
12,000 lm



*HDMI/DIGITAL LINK input only.



● PT-RZ970 Series >P8
9,400-10,000 lm



● PT-RZ870 >P9
8,500 lm



● PT-RZ770 Series >P10
7,000 lm



● PT-RZ660 Series >P10
6,000 lm



● PT-RZ570 Series >P11
5,000-5,200 lm



● PT-MZ16K Series >P13
10,000-16,000 lm



*HDMI/DIGITAL LINK input only.



● PT-MZ770 Series >P14
8,000 lm



*Supported with the PT-MZ770, HDMI/DIGITAL LINK input only.



● PT-VMZ60 Series >P23
4,500-6,000 lm



*HDMI/DIGITAL LINK input only.



● PT-MZ670 Series >P15
5,500-6,500 lm



● PT-EZ770 Series >P17
6,500-7,500 lm



● PT-EZ590 Series >P19
5,000-6,200 lm



● PT-FZ570 Series >P21
4,500-5,000 lm



● PT-VZ580 Series >P25
5,000-5,500 lm



● PT-VW360 Series >P28
4,000-4,500 lm



● PT-VZ470 >P27
4,400 lm



● PT-LB425 Series >P29
3,100-4,100 lm



● PT-TW371R Series >P31
3,200-3,800 lm

- Large-Venue
- Installation
- Portable
- Short Throw
- Space Player



● PT-JX200 >P33
2,000 lm



● PT-JW130 >P33
1,000 lm

Large-Venue



50,000 lm / 51,000 lm (Center)*7 | Native 4K
* Lens sold separately.



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



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



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



20,000 lm / 21,000 lm (Center)*7 | 4K* *6
* 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	35.1 mm (1.38 in)	22.9 mm (0.9 in)	24.4 mm (0.96 in)	24.1 mm (0.95 in)	22.9 mm (0.9 in)
Aspect ratio	17:9	16:10	16:10	4:3	16:10
Number of pixels	8,847,360 (4,096 x 2,160) pixels x 3	4,096,000 (2,560 x 1,600) pixels x 3	2,304,000 (1,920 x 1,200) pixels x 3	1,470,000 (1,400 x 1,050) pixels x 3	4,096,000 (2,560 x 1,600) pixels x 3
Light source	Laser diodes	Laser diodes	Laser diodes	Laser diodes	Laser diodes
Light output	50,000 lm (NORMAL) / 51,000 lm (Center)*7	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
Time until light output declines to 50%*1	20,000 hours (NORMAL) / 24,000 hours (ECO)	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)
Resolution	Native 4K (4,096 x 2,160)	4K* (5,120 x 3,200)	WUXGA (1,920 x 1,200)	SXGA+ (1,400 x 1,050)	4K* (5,120 x 3,200)
Contrast ratio (full on/full off)	20,000:1	20,000:1	20,000:1	20,000:1	20,000:1
Screen size (diagonal)	2.54-38.1 m (100-1,500 in)	1.78-25.4 m (70-1,000 in)**11	1.78-25.4 m (70-1,000 in)**11	1.78-25.4 m (70-1,000 in)**11	1.78-25.4 m (70-1,000 in)**11
Lens shift*2	Vertical: ±45 %*8 Horizontal: ±16 %*8 (powered)	Vertical: ±59 %*12 Horizontal: ±29 %*12 (powered)	Vertical: ±55 %*13 Horizontal: ±20 %*13 (powered)	Vertical: ±50 %*14 Horizontal: ±30 %*14 (powered)	Vertical: ±59 %*12 Horizontal: ±29 %*12 (powered)
Filter Replacement Cycle	- (No filter)	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)
Terminals	Multi Projector SYNC in [BNC x 1] Multi Projector SYNC out [BNC x 1] 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 2 A])] USB [USB type-A x 1, for USB Memory Stick / Wireless Module [AJ-WM50] Slot 1 [Pre-installed with ET-MDN12G10] Slot 2 [Vacant for compatible input boards (optional)]	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] 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])] Slot 1/2 [Vacant for compatible input boards (optional)]	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] 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] 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] Serial in [D-sub 9-pin x 1 (RS-232C)] 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 2 A])] Slot 1/2 [Vacant for compatible input boards (optional)]
Power supply	100-240 V AC, 50/60 Hz*9	100-240 V AC, 50/60 Hz*9	100-240 V AC, 50/60 Hz*9	100-240 V AC, 50/60 Hz*9	200-240 V AC, 50/60 Hz*15
Power consumption	4,100 W	2,950 W	2,870 W	2,870 W	1,650 W
BTU value	Max. 13,560 BTU	Max. 10,079 BTU	Max. 9,806 BTU	Max. 9,806 BTU	Max. 5,364 BTU
Operation noise	52 dB	49 dB	49 dB	49 dB	46 dB
Dimensions (W x H*3 x D*4)	720 x 445 x 1070 mm (28-11/32 x 17-9/16 x 42-1/8 in)	700 x 418 x 1070 mm (27-9/16 x 16-15/32 x 42-1/8 in)	700 x 418 x 1070 mm (27-9/16 x 16-15/32 x 42-1/8 in)	700 x 418 x 1070 mm (27-9/16 x 16-15/32 x 42-1/8 in)	598 x 270 x 725 mm (23-17/32 x 10-5/8 x 28-11/32 in)
Weight*5	Approx. 126 kg/278 lbs	Approx. 83 kg/183 lbs	Approx. 79.0 kg/174.2 lbs	Approx. 79.0 kg/174.2 lbs	Approx. 54.0 kg/119 lbs
Optional accessories	ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) AJ-WM50 (Wireless Module) ET-MDN12G10 (12G-SDI Input Board) ET-MDNHM10 (HDMI Input Board) ET-MDNDV10 (DVI-D Input Board) ET-MDNDP10 (DisplayPort Input Board) ET-NUK10 (NFC Upgrade Kit)*10	ET-EMF330 (Replacement filter unit) ET-EMFU330 (Long life filter unit) 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 unit) 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 unit) 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 unit) 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)
Optional lens	Yes (see the Optional Lenses page: P35)	Yes (see the Optional Lenses page: P37)	Yes (see the Optional Lenses page: P37)	Yes (see the Optional Lenses page: P37)	Yes (see the Optional Lenses page: P37)

*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: Vertical ±25 % and horizontal ±8 % with the ET-D3Q7060.

*9: Brightness restricted with voltage lower than 200 V. *10: Product availability may vary by country or region. To use NFC function, Smart Projector Control App is required. *11: 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. *12: Vertical ±56 % and horizontal ±19 % with the ET-D75LE6/ET-D3LEW60. *13: Vertical ±44 % and horizontal ±15 % with the ET-D75LE6/ET-D3LEW60. *14: Vertical ±40 % and horizontal ±20 % with the ET-D75LE6/ET-D3LEW60. *15: Light output will decrease to approximately 50 % when using the projector with AC 100 V to AC 120 V (9.6 A).

Large-Venue

PT-RZ21K



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



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	3-Chip DLP™ Projector
Panel size	24.4 mm (0.96 in)	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	16:10	4:3	16:10	4:3	4:3
Number of pixels	2,304,000 (1,920 x 1,200) pixels x 3	1,470,000 (1,400 x 1,050) pixels x 3	4,096,000 (2,560 x 1,600) pixels x 3	2,304,000 (1,920 x 1,200) pixels x 3	1,470,000 (1,400 x 1,050) pixels x 3
Light source	Laser diodes	Laser diodes	Laser diodes	Laser diodes	Laser diodes
Light output	20,000 lm (NORMAL) / 21,000 lm (Center)*7	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]	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)	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 ratio (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: ±55 %*9, Horizontal: ±20 %*9 (powered)	Vertical: ±50 %*11, Horizontal: ±30 %*11 (powered)	Vertical: ±59 %*12, Horizontal: ±29 %*12 (powered)	Vertical: ±55 %*9, Horizontal: ±29 %*9 (powered)	Vertical: ±50 %*11, Horizontal: ±30 %*11 (powered)
Filter Replacement Cycle	- (No filter)	- (No filter)	20,000 hours	20,000 hours	20,000 hours
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] 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] 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] 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] Slot 1/2 [vacant for compatible input boards (optional)]	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] 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] 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*10	200-240 V AC, 50/60 Hz*10	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	1,510 W	1,270 W	1,200 W	1,200 W
BTU value	Max. 5,159 BTU	Max. 5,159 BTU	Max. 4,334 BTU	Max. 4,096 BTU	Max. 4,096 BTU
Operation noise	46 dB	46 dB	46 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)	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 12-23/32 x 29-1/8 in)	578 x 323.5 x 740 mm (22-3/4 x 12-23/32 x 29-1/8 in)	578 x 323.5 x 740 mm (22-3/4 x 12-23/32 x 29-1/8 in)
Weight*5	Approx. 49.0 kg/108 lbs	Approx. 49.0 kg/108 lbs	Approx. 49 kg/108 lbs	Approx. 49 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-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-MDNV10 (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: P37)	Yes (see the Optional Lenses page: P37)	Yes (see the Optional Lenses page: P37)	Yes (see the Optional Lenses page: P37)	Yes (see the Optional Lenses page: P37)

*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-D75LE59. *9: Vertical ±44 % and horizontal ±15 % with the ET-D75LE6/ET-D3LEW60. *10: Light output will decrease to approximately 50 % when using the projector with AC 100 V to AC 120 V (9.6 A). *11: Vertical ±40 % and horizontal ±20 % with the ET-D75LE6/ET-D3LEW60. *12: Vertical ±44 % and horizontal ±19 % with the ET-D75LE6/ET-D3LEW60.

Installation

PT-RCQ10
PT-RCQ10L*⁶



10,000 lm / 10,500 lm [Center]*⁷ | 2715 x 1697 dots
* Available in black/white cabinet.



PT-RCQ80
PT-RCQ80L*⁶



8,000 lm / 8,400 lm [Center]*⁷ | 2715 x 1697 dots
* Available in black/white cabinet.



PT-RZ120
PT-RZ120L*⁶



12,000 lm / 12,600 lm [Center]*⁷ | WUXGA
* Available in black/white cabinet.



PT-RZ970
PT-RZ970L*⁶



9,400 lm / 10,000 lm [Center]*⁷ | WUXGA
* Available in black/white cabinet.



PT-RW930
PT-RW930L*⁶



9,400 lm / 10,000 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	1-Chip DLP™ Projector
Panel size	17.0 mm (0.67 in)	17.0 mm (0.67 in)	17.0 mm (0.67 in)	17.0 mm (0.67 in)	16.5 mm (0.65 in)
Aspect ratio	16:10	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) 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	Laser diode
Light output	10,000 lm / 10,500 lm [Center]* ⁷	8,000 lm / 8,400 lm [Center]* ⁷	12,000 lm / 12,600 lm [Center]* ⁷	9,400 lm / 10,000 lm [Center]* ⁷	9,400 lm / 10,000 lm [Center]* ⁷
Time until light output declines to 50%*¹¹	20,000 hours (NORMAL)/ 24,000 hours (ECO)	20,000 hours (NORMAL)/ 24,000 hours (ECO)	20,000 hours (NORMAL)/ 24,000 hours (ECO)	20,000 hours (NORMAL)/ 24,000 hours (ECO)	20,000 hours (NORMAL)/24,000 hours (ECO)/ 43,800 hours (LONG LIFE1)/61,320 hours (LONG LIFE2)/ 87,600 hours (LONG LIFE3)
Resolution	4,608,000 (2,715x1,697) dots* ⁸	4,608,000 (2,715x1,697) dots* ⁸	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)
Contrast ratio (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-RCQ10)	F 1.7-1.9, f 25.6-35.7 mm (1.7-2.4:1) (PT-RCQ80)	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)
Lens shift*²	Vertical: +50 %/-16 %* ¹⁰ , Horizontal: +30 %/-10 %* ¹¹ (powered)	Vertical: +50 %/-16 %* ¹⁰ , Horizontal: +30 %/-10 %* ¹¹ (powered)	Vertical: +50 %/-16 %* ¹⁰ , Horizontal: +30 %/-10 %* ¹⁴ (powered)	Vertical: +50 %/-16 %*, Horizontal: +30 %/-10 %* ¹⁵ (powered)	Vertical: +60 %/-16 %*, Horizontal: +30 %/-10 %* ¹⁵ (powered)
Filter Replacement Cycle	- (No filter)	- (No filter)	- (No filter)	- (No filter)	- (No filter)
Terminals	SDI in [BNC x 1 (3G/HD-SDI)] HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] Multi Projector Sync in [BNC x 1] 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] 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] USB [USB type-A x 1] Slot [Vacant for compatible input boards (optional)]	SDI in [BNC x 1 (3G/HD-SDI)] HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] Multi Projector Sync in [BNC x 1] 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] 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] USB [USB type-A x 1] Slot [Vacant for compatible input boards (optional)]	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]
Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	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
Power consumption	1,100 W	880 W	1,100 W	1,050 W	1,050 W
BTU value	Max. 3,754 BTU	Max. 3,003 BTU	Max. 3,754 BTU	Max. 3,584 BTU	Max. 3,584 BTU
Operation noise	43 dB (NORMAL)/40 dB (QUIET1)/38 dB (QUIET2)	40 dB (NORMAL)/38 dB (QUIET)	44 dB (NORMAL)/41 dB (QUIET1)/38 dB (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. 24.2 kg/53.4 lbs (23.4 kg/51.6 lbs* ⁶)	Approx. 24.2 kg/53.4 lbs (23.4 kg/51.6 lbs* ⁶)	Approx. 23.6 kg/51.9 lbs (22.8 kg/50.2 lbs* ⁶)	Approx. 23.2 kg/51.1 lbs (22.4 kg/49.4 lbs* ⁶)	Approx. 23.2 kg/51.1 lbs (22.4 kg/49.4 lbs* ⁶)
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-NUK10 (NFC Upgrade Kit)* ¹² ET-MDNV10 (DVI-D Input Board) ET-MDNHM10 (HDMI Input Board) ET-MDN12G10 (12G-SDI Input Board) ET-MDNDP10 (DisplayPort Input Board)	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-NUK10 (NFC Upgrade Kit)* ¹² ET-MDNV10 (DVI-D Input Board) ET-MDNHM10 (HDMI Input Board) ET-MDN12G10 (12G-SDI Input Board) ET-MDNDP10 (DisplayPort Input Board)	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-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P [Auto Screen Adjustment Upgrade Kit]
Optional lens	Yes (see the Optional Lenses page: P39)	Yes (see the Optional Lenses page: P39)	Yes (see the Optional Lenses page: P39)	Yes (see the Optional Lenses page: P39)	Yes (see the Optional Lenses page: P39)

*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: Luminance measured at center of screen. *8: With Smooth Pixel Drive: ON.

*9: 1.27-5.08 m (50-200 in) with the ET-DLE055. 2.54-10.15 m (100-400 in) with ET-DLE020. 2.54-8.89 m (100-350 in) with ET-DLE035. *10: Vertical +40 %/-16 % with the ET-DLE060. *11: Horizontal +10 %/-20 % with the ET-DLE020, +19 %/-10 % with the ET-DLE060, +28 %/-10 % with the ET-DLE105/ET-DLE085. *12: Product availability may vary by country or region. To use NFC function, Smart Projector Control App is required. *13: HDMI/DIGITAL LINK input only. *14: Horizontal +19 %/-10 % with the ET-DLE060, +28 %/-10 % with the ET-DLE085/ET-DLE105. *15: Horizontal +28 %/-10 % with the ET-DLE085/DLE105.

Installation

PT-RX110
PT-RX110L*6



10,000 lm / 10,400 lm [Center]*7 XGA
* Available in black/white cabinet.



PT-RZ870
PT-RZ870L*6



8,500 lm / 8,800 lm [Center]*7 WUXGA
* Available in black/white cabinet.



PT-RZ770
PT-RZ770L*6



7,000 lm / 7,200 lm [Center]*7 WUXGA
* Available in black/white cabinet.



PT-RW730
PT-RW730L*6



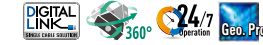
7,000 lm / 7,200 lm [Center]*7 WXGA
* Available in black/white cabinet.



PT-RZ660
PT-RZ660L*6



6,000 lm / 6,200 lm [Center]*7 WUXGA
* Available in black/white cabinet.



Projector type	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector
Panel size	17.8 mm [0.7 in]	17.0 mm [0.67 in]	17.0 mm [0.67 in]	16.5 mm [0.65 in]	17.0 mm [0.67 in]
Aspect ratio	4:3	16:10	16:10	16:10	16:10
Number of pixels	786,432 (1,024 x 768) 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	2,304,000 (1,920 x 1,200) pixels
Light source	Laser diode	Laser diode	Laser diode	Laser diode	Laser diode
Light output	10,000 lm / 10,400 lm [Center]*7	8,500 lm / 8,800 lm [Center]*7	7,000 lm / 7,200 lm [Center]*7	7,000 lm / 7,200 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)/ 43,800 hours (LONG LIFE1)/61,320 hours (LONG LIFE2)/ 87,600 hours (LONG LIFE3)	20,000 hours (NORMAL)/24,000 hours (ECO)/ 43,800 hours (LONG LIFE1)/61,320 hours (LONG LIFE2)/ 87,600 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	XGA (1,024 x 768)	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)	WUXGA (1,920 x 1,200)
Contrast ratio (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]*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	1.27-15.24 m [50-600 in]*8
Lens (throw ratio)	F 1.7-1.9, f 25.6-35.7 mm (1.8-2.4:1) (PT-RX110)	F 1.7-1.9, f 25.6-35.7 mm (1.7-2.4:1) (PT-RZ870)	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)
Lens shift*2	Vertical: +45 %/-13 % Horizontal: +30 %*9/-10 % [powered]	Vertical: +50 %/-16 % Horizontal: +30 %*9/-10 % [powered]	Vertical: +50 %/-16 % Horizontal: +30 %*9/-10 % [powered]	Vertical: +60 %/-16 % Horizontal: +30 %*9/-10 % [powered]	Vertical: +50 %/-16 % Horizontal: +30 %*9/-10 % [powered]
Filter Replacement Cycle	- [No filter]	- [No filter]	- [No filter]	- [No filter]	- [No filter]
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/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]	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]	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, 10.4-5.0 A, 50/60 Hz	100-240 V AC, 9.9-4.5 A, 50/60 Hz	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
Power consumption	1,050 W	950 W	825 W	825 W	700 W
BTU value	Max. 3,584 BTU	Max. 3,242 BTU	Max. 2,815 BTU	Max. 2,815 BTU	Max. 2,389 BTU
Operation noise	41dB (NORMAL)/37dB (QUIET1)/35dB (QUIET2)	41dB (NORMAL)/37dB (QUIET1)/35dB (QUIET2)	36dB	36dB	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)	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 (22.4 kg/49.4 lbs*6)	Approx. 23.2 kg/51.1 lbs (22.4 kg/49.4 lbs*6)	Approx. 23.2 kg/51.1 lbs (22.4 kg/49.4 lbs*6)	Approx. 23.2 kg/51.1 lbs (22.4 kg/49.4 lbs*6)	Approx. 23.1 kg/50.9 lbs (22.3 kg/49.2 lbs*6)
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-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-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P [Auto Screen Adjustment Upgrade Kit]
Optional lens	Yes [see the Optional Lenses page: P39]	Yes [see the Optional Lenses page: P39]	Yes [see the Optional Lenses page: P39]	Yes [see the Optional Lenses page: P39]	Yes [see the Optional Lenses page: P39]

*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: Luminance measured at center of screen. *8: 1.27-5.08 m [50-200 in] with the ET-DLE055. 2.54-10.15 m [100-400 in] with ET-DLE020. 2.54-8.89 m [100-350 in] with ET-DLE035. *9: Horizontal +28% with the ET-DLE085/DLE105.

Installation

PT-RW620
PT-RW620L*5



6,000 lm / 6,200 lm (Center)*6 | WXGA
* Available in black/white cabinet.



PT-RZ570



5,200 lm / 5,400 lm (Center)*6 | WUXGA
* Available in black/white cabinet.



PT-RZ575



5,000 lm / 5,200 lm (Center)*6 | WUXGA



Projector type	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector
Panel size	16.5 mm (0.65 in)	17.0 mm (0.67 in)	17.0 mm (0.67 in)
Aspect ratio	16:10	16:10	16:10
Number of pixels	1,024,000 (1,280 x 800) pixels	2,304,000 (1,920 x 1,200) pixels	2,304,000 (1,920 x 1,200) pixels
Light source	Laser diode	Laser diode	Laser diode
Light output	6,000 lm / 6,200 lm (Center)*6	5,200 lm / 5,400 lm (Center)*6	5,000 lm / 5,200 lm (Center)*6
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, 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)
Resolution	WXGA (1,280 x 800)	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)
Contrast ratio (full on/full off)	10,000:1	20,000:1	20,000:1
Screen size (diagonal)	1.27-15.24 m (50-600 in)*7	1.02-7.62 m (40-300 in)	1.02-7.62 m (40-300 in)
Lens (throw ratio)	F 1.7-1.9, f 25.6-35.7 mm (1.8-2.5:1) (PT-RW620)	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)
Lens shift*2	Vertical: +60 %/-16 %, Horizontal: +30 %*8/-10 % (powered)	Vertical: +64 %/-44 %, Horizontal: +34 %/-27 % (manual)	Vertical: ±4.4 %, Horizontal: ±2.1 % (powered)
Filter Replacement Cycle	- (No filter)	- (No filter)	- (No filter)
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/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 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]
Power supply	100-240 V AC, 7.1-2.8 A, 50/60 Hz	100-240 V AC, 5.9-2.3 A, 50/60 Hz	100-240 V AC, 5.9-2.3 A, 50/60 Hz
Power consumption	700 W	500 W	500 W
BTU value	Max. 2,389 BTU	Max. 1,706 BTU	Max. 1,706 BTU
Operation noise	35dB	33 dB (NORMAL, ECO)/28 dB (SILENT)	33 dB (NORMAL, ECO)/28 dB (SILENT)
Dimensions (W x H*3 x D)	498 x 200 x 581*9 mm (19-19/32 x 7-7/8 x 22-7/8*9 in)	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)
Weight*4	Approx. 23.1 kg/50.9 lbs (22.3 kg/49.2 lbs*5)	Approx. 16.3 kg/35.9 lbs	Approx. 16.6 kg/36.6 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-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)
Optional lens	Yes (see the Optional Lenses page: P39)	-	-

*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: Lens-less model.

*6: Luminance measured at center of screen. *7: 1.27-5.08 m (50-200 in) with the ET-DLE055. 2.54-10.15 m (100-400 in) with ET-DLE020. 2.54-8.89 m (100-350 in) with ET-DLE035. *8: Horizontal +28% with the ET-DLE085/DLE105. *9: Depth: including the supplied lens. Depth: 538 mm 21-3/16 in) for the lens-less models.

SOFTWARE

Smart Projector Control Ver. 2.0



Smart Projector Control is an application software for smartphones that enables the operation of Panasonic projectors. By connecting your iPhone/Android terminal to a projector with wireless LAN (Wi-Fi), a variety of controls, such as turning the power on and off to various lens adjustments are possible. The hassles associated with the remote control and main body buttons are solved with easy tap controls, contributing to improved efficiency for the customer.

NEW

NFC Function

Easily access the setting information by simply holding your smartphone over the device even when the power is turned off. This significantly reduces the preset time, and enables you to write in a part of the setting information!



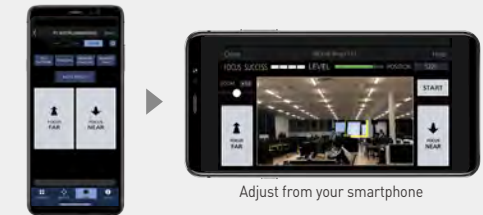
*Featured image: PT-RQ50K

* NFC function compatible projectors are the PT-RQ50K, PT-RCQ10 Series, and PT-MZ16K Series only.

Auto Focus Function

- 1 The lens focus can be adjusted with the remote control or smartphone
- 2 Automatically adjust the lens focus

Adjusting the focus is easy even after installing the projector!



Adjust from your smartphone

*Like the NFC-compatible devices, only the PT-RQ50K, PT-RCQ10 Series and PT-MZ16K Series are compatible with the Auto Focus.

See page 65 for the basic information
Smart Projector Control detail page:
>>> panasonic.net/cns/projector/download/application/smartpj/

Installation

PT-MZ16KL



16,000 lm WUXGA

* Lens sold separately.* Available in black/white cabinet.



PT-MZ13KL



13,000 lm WUXGA

* Lens sold separately.* Available in black/white cabinet.



PT-MZ10KL



10,000 lm WUXGA

* Lens sold separately.* Available in black/white cabinet.



**PT-MZ770
PT-MZ770L*7**



8,000 lm WUXGA

* Lens sold separately.* Available in black/white cabinet.



**PT-MW730
PT-MW730L*7**



8,000 lm WXGA

* Lens sold separately.* Available in black/white cabinet.



Projector type	LCD Projector	LCD Projector	LCD Projector	LCD Projector	LCD Projector	
Panel size	25.4 mm (1.0 in)	25.4 mm (1.0 in)	25.4 mm (1.0 in)	19.3 mm (0.76 in)	19.3 mm (0.76 in)	
Aspect ratio	16:10	16:10	16:10	16:10	16:10	
Number of pixels	2,304,000 (1,920 x 1,200) pixels x 3	2,304,000 (1,920 x 1,200) pixels x 3	2,304,000 (1,920 x 1,200) pixels x 3	2,304,000 (1,920 x 1,200) pixels x 3	1,024,000 (1,280 x 800) pixels x 3	
Light source	Laser diode	Laser diode	Laser diode	Laser diode	Laser diode	
Light output	16,000 lm	13,000 lm	10,000 lm	8,000 lm	8,000 lm	
Time until light output declines to 50%*1	20,000 hours (NORMAL)	20,000 hours (NORMAL)	20,000 hours (NORMAL)	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)	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)	
Contrast ratio (full on/full off)	3,000,000:1	3,000,000:1	3,000,000:1	3,000,000:1	3,000,000:1	
Screen size (diagonal)	2.03-12.7 m (80-500 in)	2.03-12.7 m (80-500 in)	2.03-12.7 m (80-500 in)	1.02-10.16 m (40-400 in)*10	1.02-10.16 m (40-400 in)*10	
Lens (throw ratio)	Optional zoom lens and fixed-focus lens	Optional zoom lens and fixed-focus lens	Optional zoom lens and fixed-focus lens	F 1.7-2.3, f26.8-45.5 mm (1.6-2.8:1) (PT-MZ770)	F 1.7-2.3, f26.8-45.5 mm (1.6-2.8:1) (PT-MW730)	
Lens shift*2	Vertical: ±60 %*5, Horizontal: ±20 %*5 (powered)	Vertical: ±60 %*5, Horizontal: ±20 %*5 (powered)	Vertical: ±60 %*5, Horizontal: ±20 %*5 (powered)	Vertical: ±67 %*11, Horizontal: ±35 %*11 (powered)	Vertical: ±67 %*11, Horizontal: ±35 %*11 (powered)	
Filter Replacement Cycle	20,000 hours	20,000 hours	20,000 hours	20,000 hours	20,000 hours	
Terminals	SDI in [BNC x 1 (3G/HD-SDI)] HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 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 [D-sub 9-pin x 1] Remote 2 in [M3 x 1] Remote out [M3 x 1] LAN [RJ-45 x 1] DIGITAL LINK/Art-net [RJ-45 x 1] DC out [USB type-A x 1 (for power supply (DC 5 V, up to 2 A))]	SDI in [BNC x 1 (3G/HD-SDI)] HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 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 [D-sub 9-pin x 1] Remote 2 in [M3 x 1] Remote out [M3 x 1] LAN [RJ-45 x 1] DIGITAL LINK/Art-net [RJ-45 x 1] DC out [USB type-A x 1 (for power supply (DC 5 V, up to 2 A))]	SDI in [BNC x 1 (3G/HD-SDI)] HDMI in [HDMI 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] RGB 1 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 [D-sub 9-pin x 1] Remote 2 in [M3 x 1] Remote out [M3 x 1] LAN [RJ-45 x 1] DIGITAL LINK/Art-net [RJ-45 x 1] DC out [USB type-A x 1 (for power supply (DC 5 V, up to 2 A))]	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] Remote out [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] Remote out [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	100-240 V AC, 50/60 Hz	
Power consumption	1,050 W	800 W	640 W	570 W	545 W	
BTU value	Max. 3,412 BTU	Max. 2,525 BTU	Max. 1,945 BTU	Max. 1,945 BTU	Max. 1,860 BTU	
Operation noise	38 dB (NORMAL)/32 dB (QUIET)	35 dB (NORMAL)/30 dB (QUIET)	35 dB (NORMAL)/30 dB (QUIET)	35 dB (NORMAL/ECO)/ 28 dB (QUIET)	35 dB (NORMAL/ECO)/ 28 dB (QUIET)	
Dimensions (W x H*3 x D)	650 x 211 x 440 mm (25-19/32 x 8-5/16 x 17-21/64 in)	650 x 211 x 440 mm (25-19/32 x 8-5/16 x 17-21/64 in)	650 x 211 x 440 mm (25-19/32 x 8-5/16 x 17-21/64 in)	560 x 205 x 443*12 mm (22-1/16 x 8-1/16 x 17-7/16*12 in)	560 x 205 x 443*12 mm (22-1/16 x 8-1/16 x 17-7/16*12 in)	
Weight*4	Approx. 22.3 kg/49.2 lbs	Approx. 22.3 kg/49.2 lbs	Approx. 22.3 kg/49.2 lbs	Approx. 17.1 kg/37.7 lbs (16.2 kg/35.7 lbs*7)	Approx. 17.1 kg/37.7 lbs (16.2 kg/35.7 lbs*7)	
Optional accessories	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE301B (Attachment for ceiling mount bracket) ET-RFM100 (Replacement 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-NUK10 (NFC Upgrade Kit)*6	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE301B (Attachment for ceiling mount bracket) ET-RFM100 (Replacement 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-NUK10 (NFC Upgrade Kit)*6	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE301B (Attachment for ceiling mount bracket) ET-RFM100 (Replacement 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-NUK10 (NFC Upgrade Kit)*6	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE301B (Attachment for ceiling mount bracket) ET-RFM100 (Replacement 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-NUK10 (NFC Upgrade Kit)*6	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE301B (Attachment for ceiling mount bracket) ET-RFM100 (Replacement filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-WM300 (Wireless Module)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE301B (Attachment for ceiling mount bracket) ET-RFM100 (Replacement filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-UK20 (Geometry Manager Pro Upgrade kit) ET-WM300 (Wireless Module)
Optional lens	Yes (see the Optional Lenses page: P41)	Yes (see the Optional Lenses page: P41)	Yes (see the Optional Lenses page: P41)	Yes (see the Optional Lenses page: P43)	Yes (see the Optional Lenses page: P43)	

*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: Vertical ±40 % and horizontal ±19 % with the ET-EMW200, vertical ±50% with the ET-EMW300.

*6: Product availability may vary by country or region. To use NFC function, Smart Projector Control App is required. *7: Lens-less model. *8: HDMI/DIGITAL LINK input only. *9: The optional ET-WM300 Wireless Module is required. *10: 1.52-10.16 m (60-400 in) with the ET-ELW22. *11: Vertical ±60 % and horizontal ±30 % with the ET-ELW22. *12: Depth: including the supplied lens. Depth: 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) pixels x 3	1,024,000 (1,280 x 800) pixels x 3	2,304,000 (1,920 x 1,200) pixels x 3	1,024,000 (1,280 x 800) pixels x 3
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 ratio (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(power)	Vertical: ±67%*9, Horizontal: ±35%*9(power)	Vertical: ±67%*9, Horizontal: ±35%*9(power)	Vertical: ±67%*9, Horizontal: ±35%*9(power)
Filter Replacement Cycle	20,000 hours	20,000 hours	20,000 hours	20,000 hours
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 (16.1 kg/35.5 lbs*6)	Approx. 16.9 kg/37.3 lbs (16.1 kg/35.5 lbs*6)	Approx. 16.9 kg/37.3 lbs (16.1 kg/35.5 lbs*6)	Approx. 16.9 kg/37.3 lbs (16.1 kg/35.5 lbs*6)
Optional accessories	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE301B (Attachment for ceiling mount bracket) ET-RFM100 (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-RFM100 (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-RFM100 (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-RFM100 (Replacement filter) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WM300 (Wireless Module)
Optional lens	Yes [see the Optional Lenses page: P43]	Yes [see the Optional Lenses page: P43]	Yes [see the Optional Lenses page: P43]	Yes [see the Optional Lenses page: P43]

*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-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



Projector type	LCD Projector	LCD Projector	LCD Projector
Panel size	19.0 mm (0.76 in)	19.0 mm (0.76 in)	20.0 mm (0.79 in)
Aspect ratio	16:10	16:10	4:3
Number of pixels	2,304,000 (1,920 x 1,200) pixels x 3	1,024,000 (1,280 x 800) pixels x 3	786,432 (1,024 x 768) pixels x 3
Light source	400 W UHM Lamp	400 W UHM Lamp	400 W UHM Lamp
Light output	6,500 lm	7,000 lm	7,500 lm
Time until light output declines to 50%*1	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)
Resolution	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)	XGA (1,024 x 768)
Contrast ratio (full on/full off)	5,000:1	5,000:1	5,000:1
Screen size (diagonal)	1.02-10.16 m (40-400 in)*7	1.02-10.16 m (40-400 in)*7	1.02-10.16 m (40-400 in)*7
Lens (throw ratio)	F 1.7-2.3, f26.9-45.4 mm (1.7-2.8:1) (PT-EZ770Z)	F 1.7-2.3, f26.9-45.4 mm (1.7-2.8:1) (PT-EW730Z)	F 1.7-2.3, f26.9-45.4 mm (1.7-2.8:1) (PT-EX800Z)
Lens shift*2	Vertical: ±60 %, Horizontal: ±10 % (powerd)	Vertical: ±60 %, Horizontal: ±10 % (powerd)	Vertical: ±50 %, Horizontal: ±10 % (powerd)
Filter Replacement Cycle	15,000 hours	15,000 hours	15,000 hours
Installation	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] 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]
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	590 W	575 W	575 W
BTU value	Max. 2,013 BTU	Max. 1,962 BTU	Max. 1,962 BTU
Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
Operation noise	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)
Dimensions (W x H*3 x D*4)	530 x 177 x 445*8 mm (20-7/8 x 6-31/32 x 17-17/32*8 in)	530 x 177 x 445*8 mm (20-7/8 x 6-31/32 x 17-17/32*8 in)	530 x 177 x 445*8 mm (20-7/8 x 6-31/32 x 17-17/32*8 in)
Weight*5	Approx. 10.6 kg/23.4 lbs (9.8 kg/21.6 lbs*6)	Approx. 10.6 kg/23.4 lbs (9.8 kg/21.6 lbs*6)	Approx. 10.6 kg/23.4 lbs (9.8 kg/21.6 lbs*6)
Replacement lamp	ET-LAE300	ET-LAE300	ET-LAE300
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-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)
Optional lens	Yes (see the Optional Lenses page: P43)	Yes (see the Optional Lenses page: P43)	Yes (see the Optional Lenses page: P43)

*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: 1.52-10.16 m (60-400 in) with the ET-ELW22.
*8: Depth: 385 mm (15-5/32 in) for the lens-less models.

DICOM Simulation Mode/ Daylight View Function

FEATURES

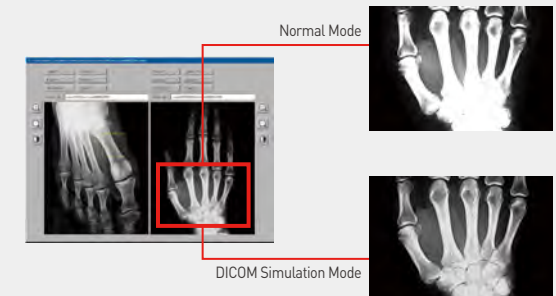
DICOM Simulation Mode

This imaging mode is similar to the DICOM Part 14 medical imaging standard. It lends a film-like resolution to X-ray images, making the projector suitable for medical presentations and training.

Note: This product is not a medical instrument. Do not use for actual medical diagnosis.

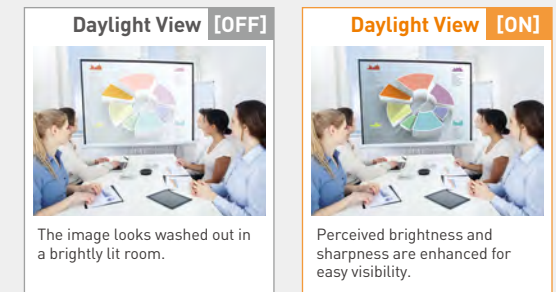
Advantages

- Allows information to be shared by many viewers on a large screen, such as during medical conferences or training courses.



Daylight View Function

Daylight View technology enhances image visibility even under bright lighting. A built-in sensor measures the ambient light, and adjusts the halftone color and brightness level according to the surrounding illumination. Because it produces easy-to-see images without having to increase the lamps' output power, it helps to reduce power consumption. With System Daylight View, the setting can be changed manually to optimize image color perception depending on the usage environment.



For models supporting the above functions, see the "Picture Quality" column of the Feature Compatibility Chart on pages 45 to 50.

Installation

PT-EZ590
PT-EZ590L*5



5,400 lm WUXGA



PT-EZ57



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



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)	16.3 mm (0.64 in)	16.0 mm (0.63 in)
Aspect ratio	16:10	16:10	16:10	16:10	4:3
Number of pixels	2,304,000 (1,920 x 1,200) pixels x 3	2,304,000 (1,920 x 1,200) pixels x 3	1,024,000 (1,280 x 800) pixels x 3	1,024,000 (1,280 x 800) pixels x 3	786,432 (1,024 x 768) pixels x 3
Light source	320 W UHM Lamp	320 W UHM Lamp	320 W UHM Lamp	320 W UHM Lamp	320 W UHM Lamp
Light output	5,400 lm	5,000 lm	5,800 lm	5,000 lm	6,200 lm
Time until light output declines to 50%*1	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)	4,000 hours (NORMAL)/ 5,000 hours (ECO)
Resolution	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)	WXGA (1,280 x 800)	XGA (1,024 x 768)
Contrast ratio (full on/full off)	10,000:1	2,000:1	10,000:1	2,000:1	10,000:1
Screen size (diagonal)	1.02-10.16 m (40-400 in)	1.02-7.62 m (40-300 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 17.1-31.7 mm (1.22-2.26:1) [PT-EZ590]	F 1.6-2.2, f 17.1-31.7 mm	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]
Lens shift	Vertical: ±60 %, Horizontal: ±30 % (powerd)	Vertical: ±60 %, Horizontal: ±30 % (powerd)	Vertical: ±60 %, Horizontal: ±30 % (powerd)	Vertical: ±60 %, Horizontal: ±30 % (powerd)	Vertical: ±50 %, Horizontal: ±30 % (powerd)
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 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)]	HDMI in [HDMI 19-pin x 2 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YBPBR/YCBCR/YC x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YBPBR/YCBCR x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] LAN [RJ-45 x 1] 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] 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] 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] 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	100-240 V AC, 5.5-2.3 A, 50/60 Hz	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
Power consumption	484 W	484 W	461 W	461 W	461 W
BTU value	Max. 1,651 BTU	1,651 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	35 dB (NORMAL)/29 dB (ECO)	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)
Dimensions (W x H*2 x D*3)	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 5-11/16 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)
Weight*4	Approx. 8.4 kg/18.5 lbs (7.7 kg/17.0 lbs*5)	Approx. 7.9 kg (17.4 lbs)	Approx. 8.4 kg/18.5 lbs (7.7 kg/17.0 lbs*5)	Approx. 8.4 kg/18.5 lbs (7.7 kg/17.0 lbs*5)	Approx. 8.4 kg/18.5 lbs (7.7 kg/17.0 lbs*5)
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-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-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-WML100 (Wireless Module)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WML100 (Wireless Module)
Optional lens	Yes (see the Optional Lenses page: P43)	Yes (see the Optional Lenses page: P43)	Yes (see the Optional Lenses page: P43)	Yes (see the Optional Lenses page: P43)	Yes (see the Optional Lenses page: P43)

*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-EX520 PT-EX520L*5	PT-FZ570	PT-FW530
	 5,300 lm XGA 	 4,500 lm WUXGA 	 4,500 lm WXGA 
Projector type	LCD Projector	LCD Projector	LCD Projector
Panel size	16.0 mm (0.63 in)	16.3 mm (0.64 in)	16.3 mm (0.64 in)
Aspect ratio	4:3	16:10	16:10
Number of pixels	786,432 (1,024 x 768) pixels x 3	2,304,000 (1,920 x 1,200) pixels x 3	1,024,000 (1,280 x 800) pixels x 3
Light source	320 W UHM Lamp	270 W UHM Lamp	270 W UHM Lamp
Light output	5,300 lm	4,500 lm	4,500 lm
Time until light output declines to 50%*1	4,000 hours (NORMAL)/ 5,000 hours (ECO)	6,000 hours (NORMAL)/ 8,000 hours (ECO)	6,000 hours (NORMAL)/ 8,000 hours (ECO)
Resolution	XGA (1,024 x 768)	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)
Contrast ratio (full on/full off)	2,000:1	10,000:1	10,000:1
Screen size (diagonal)	1.02-10.16 m (40-400 in)	1.02-7.62 m (40-300 in)	1.02-7.62 m (40-300 in)
Lens (throw ratio)	F 1.6-2.2, f 17.1-31.7 mm (1.32-2.44:1) (PT-EX520)	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)
Lens shift	Vertical: ±50 %, Horizontal: ±30 % (powered)	Vertical: ±60 %, Horizontal: ±30 % (powered)	Vertical: ±60 %, Horizontal: ±30 % (powered)
Filter Replacement Cycle	15,000 hours	16,000 hours	16,000 hours
Installation	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear
Terminals	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] 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 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)]
Power supply	100-240 V AC, 5.3-2.1 A, 50/60 Hz	100-240 V AC, 4.7-1.9 A, 50/60 Hz	100-240 V AC, 4.5-1.8 A, 50/60 Hz
Power consumption	461 W	413 W	400 W
BTU value	Max. 1,573 BTU	Max. 1,410 BTU	Max. 1,365 BTU
Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
Operation noise	35 dB (NORMAL)/29 dB (ECO)	33 dB (NORMAL)/29 dB (ECO)	33 dB (NORMAL)/29 dB (ECO)
Dimensions (W x H*2 x D*3)	498 x 145 x 398.3 mm (19-19/32 x 5-23/32 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. 8.4 kg/18.5 lbs (7.7 kg/17.0 lbs*5)	Approx. 7.9 kg/17.4 lbs	Approx. 7.9 kg/17.4 lbs
Replacement lamp	ET-LAEF100	ET-LAEF100	ET-LAEF100
Optional accessories	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE300B (Bracket assembly) ET-RFE300 (Replacement filter unit) ET-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-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WML100 (Wireless Module)

*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.

DIGITAL LINK

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



High Quality

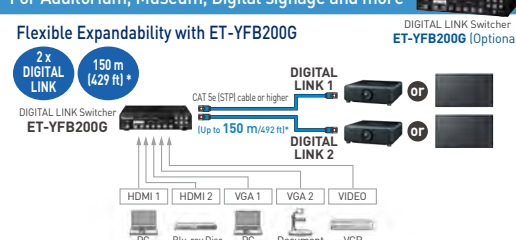
Long Distance

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 Auditorium, Museum, Digital signage and more

Flexible Expandability with ET-YFB200G



DIGITAL LINK Switcher ET-YFB200G (Optional)

2 x DIGITAL LINK (150 m / 492 ft)*

CAT 5e (STP) cable or higher (Up to 150 m / 492 ft)


DIGITAL LINK 1 OR DIGITAL LINK 2

HDMI 1, HDMI 2, VGA 1, VGA 2, VIDEO

PC, Blu-ray Disc player, PC, Document camera, VCR

For Classrooms, Meeting rooms, Retail outlets, etc.

Simple One-to-One Connection with ET-YFB100G



DIGITAL Interface Box ET-YFB100G (Optional)

CAT 5e (STP) cable or higher (Up to 100 m / 328 ft)

DIGITAL LINK

HDMI 1, HDMI 2, S-Video, VGA 1, VGA 2, VIDEO

Blu-ray Disc player, HD visual communication system, VCR, PC, PC, Document camera

*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, see the "Specification" column of the Feature Compatibility Chart on page 45 to 50.

Installation

	PT-VMZ60	PT-VMZ50	PT-VMZ40	PT-VMW60	PT-VMW50
	 <p>6,000 lm WUXGA * Available in black/white cabinet.</p> 	 <p>5,000 lm WUXGA</p> 	 <p>4,500 lm WUXGA</p> 	 <p>6,000 lm WXGA</p> 	 <p>5,000 lm WXGA</p> 
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)	16.3 mm (0.64 in)	16.3 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) pixels x 3	2,304,000 (1,920 x 1,200) pixels x 3	2,304,000 (1,920 x 1,200) pixels x 3	1,024,000 (1,280 x 800) pixels x 3	1,024,000 (1,280 x 800) pixels x 3
Light source	Laser diode	Laser diode	Laser diode	Laser diode	Laser diode
Light output	6,000 lm	5,000 lm	4,500 lm	6,000 lm	5,000 lm
Time until light output declines to 50%	20,000 hours (NORMAL)*5	20,000 hours (NORMAL)*5	20,000 hours (NORMAL)*5	20,000 hours (NORMAL)*5	20,000 hours (NORMAL)*5
Resolution	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)	WXGA (1,280 x 800)
Contrast ratio (full on/full off)	3,000,000:1	3,000,000:1	3,000,000:1	3,000,000:1	3,000,000:1
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 1.60-2.12, 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)	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: +44 %, Horizontal: ±20 % (manual)	Vertical: +44 %, Horizontal: ±20 % (manual)	Vertical: +44 %, Horizontal: ±20 % (manual)	Vertical: +44 %, Horizontal: ±20 % (manual)	Vertical: +44 %, Horizontal: ±20 % (manual)
Filter Replacement Cycle	20,000 hours*6	20,000 hours*6	20,000 hours*6	20,000 hours*6	20,000 hours*6
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] 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)]	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)]
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	420 W	370 W	365 W	410 W	360 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)/27 dB (QUIET)	37 dB (NORMAL)/27 dB (QUIET)	37 dB (NORMAL)/27 dB (QUIET)	37 dB (NORMAL)/27 dB (QUIET)	37 dB (NORMAL)/27 dB (QUIET)
Dimensions (W x H*1 x D)	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)	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*2	Approx. 7.2 kg/15.9 lbs	Approx. 7.2 kg/15.9 lbs	Approx. 7.2 kg/15.9 lbs	Approx. 7.2 kg/15.9 lbs	Approx. 7.2 kg/15.9 lbs
Replacement lamp	- (No lamp)	- (No lamp)	- (No lamp)	- (No lamp)	- (No lamp)
Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV500 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) AJ-WM50 (Wireless Module)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV500 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) AJ-WM50 (Wireless Module)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV500 (Replacement filter unit) AJ-WM50 (Wireless Module)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV500 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) AJ-WM50 (Wireless Module)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV500 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) AJ-WM50 (Wireless Module)

*1: Height: with legs at shortest position. *2: Average value. Each product has an individual variable in weight.
*3: Supports signals up to 4K/30p. Images are converted to 1920 x 1200 for PT-VMZ60/VMZ50/VMZ40 and 1280 x 800 for PT-VMW60/VMW50. Applicable terminals: DIGITAL LINK terminal/HDMI terminal. *4: The optional Wireless Module is required.

*5: 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. *6: Filter cleaning cycle: 20,000 hours (under the dust conditions of 0.08 mg/m³), 10,000 hours (under the dust conditions of 0.15 mg/m³)

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

PT-VX615N











5,500 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)	16.3 mm (0.64 in)	16.0 mm (0.63 in)
Aspect ratio	16:10	16:10	16:10	16:10	4:3
Number of pixels	2,304,000 (1,920 x 1,200) pixels x 3	2,304,000 (1,920 x 1,200) pixels x 3	1,024,000 (1,280 x 800) pixels x 3	1,024,000 (1,280 x 800) pixels x 3	786,432 (1,024 x 768) pixels x 3
Light source	280 W UHM Lamp	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	5,500 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)/6,000 hours (ECO1)/7,000 hours (ECO2)	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)	XGA (1,024 x 768)
Contrast ratio (full on/full off)	16,000:1	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)	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)	F 1.60-1.90, f 15.31-24.64 mm (1.17-1.90:1)
Lens shift	Vertical: +44 % (manual)	Vertical: +44 % (manual)	Vertical: +44 % (manual)	Vertical: +44 % (manual)	Vertical: +40 % (manual)
Filter Replacement Cycle	7,000 hours	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	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))]	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)]
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)	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)	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)	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)	37 dB (NORMAL)/35 dB (ECO1)/29 dB (ECO2)
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)	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. 4.9 kg/10.8 lbs	Approx. 4.8 kg/10.6 lbs	Approx. 4.9 kg/10.8 lbs
Replacement lamp	ET-LAV400	ET-LAEF100	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-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)

*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.











Portable

	PT-VX610	PT-VZ470 ^{*4}	PT-VW360	PT-VX430	PT-LW375
	 5,500 lm XGA	 4,400 lm WUXGA	 4,000 lm WXGA 	 4,500 lm XGA 	 3,600 lm WXGA 
Projector type	LCD Projector	LCD Projector	LCD Projector	LCD Projector	LCD Projector
Panel size	16.0 mm (0.63 in)	16.3 mm (0.64 in)	15.0 mm (0.59 in)	16.0 mm (0.63 in)	15.0 mm (0.59 in)
Aspect ratio	4:3	16:10	16:10	4:3	16:10
Number of pixels	786,432 (1,024 x 768) pixels x 3	2,304,000 (1,920 x 1,200) pixels x 3	1,024,000 (1,280 x 800) pixels x 3	786,432 (1,024 x 768) pixels x 3	1,024,000 (1,280 x 800) pixels x 3
Light source	280 W UHM Lamp	270 W UHM Lamp	240 W UHM Lamp	240 W UHM Lamp	230 W UHM Lamp
Light output	5,500 lm	4,400 lm	4,000 lm	4,500 lm	3,600 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)/7,000 hours (ECO)	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)
Resolution	XGA (1,024 x 768)	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)	XGA (1,024 x 768)	WXGA (1,280 x 800)
Contrast ratio (full on/full off)	16,000:1	10,000:1	20,000:1	20,000:1	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 15.31-24.64 mm (1.17-1.90:1)	F 1.60-2.12, f 15.30-24.64 mm (1.1-1.8:1)	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)
Lens shift	Vertical: +40 % (manual)	Vertical: +44 % (manual)	49:1 (fixed)	9:1 (fixed)	13:1 (fixed)
Filter Replacement Cycle	7,000 hours	7,000 hours	7,000 hours	7,000 hours	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 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]	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/1 out [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	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)	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
Power consumption	385 W (North America), 400 W (other countries)	372 W (North America), 378 W (other countries)	320 W	320 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)/35 dB (ECO1)/29 dB (ECO2)	37 dB (NORMAL)/29 dB (ECO)	37 dB (NORMAL)/29 dB (ECO)	37 dB (NORMAL)/29 dB (ECO)	39 dB (NORMAL)/35 dB (ECO)/30 dB (Quiet)
Dimensions (W x H² 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)	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)
Weight^{*3}	Approx. 4.8 kg/10.6 lbs	Approx. 4.8 kg/10.6 lbs	Approx. 3.3 kg/7.3 lbs	Approx. 3.3 kg/7.3 lbs	Approx. 2.9 kg/6.4 lbs
Replacement lamp	ET-LAV400	ET-LAV400	ET-LAV300	ET-LAV300	ET-LAL510
Optional accessories	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)	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)

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









Portable

	PT-LW335	PT-LB425	PT-LB385	PT-LB355	PT-LB305
	 3,100 lm WXGA 	 4,100 lm XGA 	 3,800 lm XGA 	 3,300 lm XGA 	 3,100 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)	16.0 mm (0.63 in)	16.0 mm (0.63 in)	16.0 mm (0.63 in)
Aspect ratio	16:10	4:3	4:3	4:3	4:3
Number of pixels	1,024,000 (1,280 x 800) pixels x 3	786,432 (1,024 x 768) pixels x 3	786,432 (1,024 x 768) pixels x 3	786,432 (1,024 x 768) pixels x 3	786,432 (1,024 x 768) pixels x 3
Light source	230 W UHM Lamp	230 W UHM Lamp	230 W UHM Lamp	230 W UHM Lamp	230 W UHM Lamp
Light output	3,100 lm	4,100 lm	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)	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)	XGA (1,024 x 768)	XGA (1,024 x 768)	XGA (1,024 x 768)
Contrast ratio (full on/full off)	16,000:1	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)	0.76-7.62 m (30-300 in)
Lens (throw ratio)	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)	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	13:1 (fixed)	6:1 (fixed)	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)	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 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)]	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 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	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
Power consumption	300 W	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)	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)	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)	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. 2.9 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	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-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.

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	1,024,000 (1,280 x 800) pixels x 3	786,432 (1,024 x 768) pixels x 3	786,432 (1,024 x 768) pixels x 3
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 ratio (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)	21:1 (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.

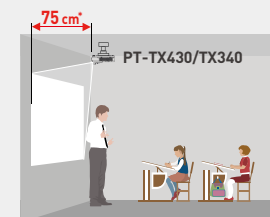
*4: To operate wireless projection, the optional Wireless Module ET-WML100 is required.

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



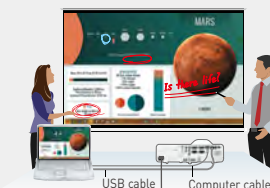
* Projection distance by model: PT-TX430/TX340: 75 cm [2.46 ft.], PT-TW371R/TW370: 80 cm [2.62 ft.]

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 ratio (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

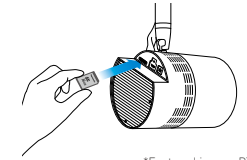
Projection can cover all downward directions from the horizontal level.



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.



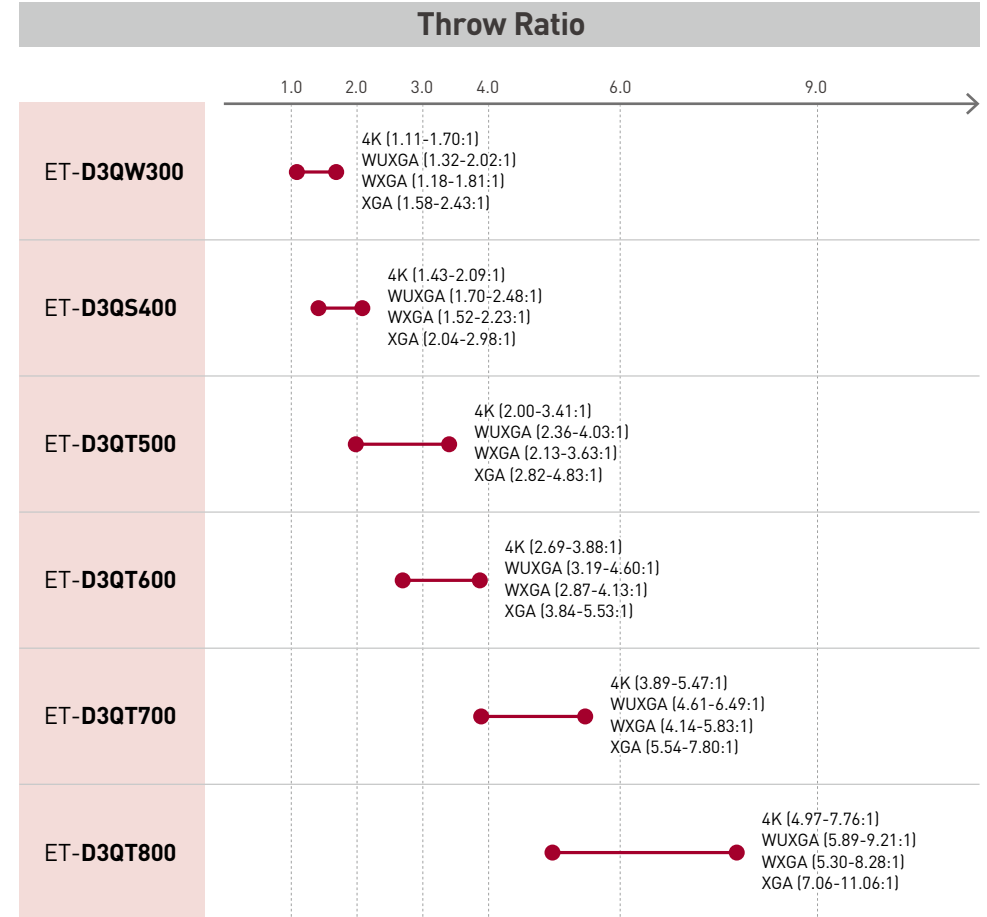
For more information about Space Player, please visit the website. >>> panasonic.net/cns/projector/products/spaceplayer/

Optional Lenses for 3-Chip DLP™ Projector > 35,000 lm

(Large-Venue)

Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens
Model number	ET-D3QW300	ET-D3QS400	ET-D3QT500	ET-D3QT600
	 NEW	 NEW	 NEW	 NEW
F value	2.5	2.5	2.5	2.5
Focal distance (f)	35.2-53.7 mm	45.3-65.6 mm	61.4-105.2 mm	85.0-121.6 mm
Weight	Approx. 9.3 kg/20.5 lbs	Approx. 8.5 kg/18.7 lbs	Approx. 9.6 kg/21.2 lbs	Approx. 6.4 kg/14.1 lbs

Lens type	Zoom lens	Zoom lens
Model number	ET-D3QT700	ET-D3QT800
	 NEW	 NEW
F value	2.5	2.5
Focal distance (f)	122.8-172.3 mm	156.5-243.1 mm
Weight	Approx. 7.3 kg/16.1 lbs	Approx. 8.0 kg/17.6 lbs



Optional Lenses for 3-Chip DLP™ Projector < 35,000 lm

(Large-Venue)

ID :Featuring Auto Lens Identification Function*2 M :Featuring Stepping Motor

Lens type	Fixed-focus lens	Fixed-focus lens	Zoom lens	Fixed-focus lens	Zoom lens	Zoom lens
Model number	ET-D75LE95	ET-D3LEU100	ET-D3LEW200	ET-D3LEW50 ⁴	ET-D3LEW60	ET-D75LE6
F value	2.5	2.5	2.5	2.5	2.5	2.5
Focal distance (f)	7.5 mm	8.0 mm	13.8-18.1 mm	14.8 mm	19.63-23.54 mm	19.63-23.54 mm
Weight	Approx. 6.5 kg/14.3 lbs	Approx. 8.0 kg/17.6 lbs	Approx. 9.0 kg/19.8 lbs	Approx. 7.1 kg/15.7 lbs	Approx. 8.7 kg/19.2 lbs	Approx. 8.7 kg/19.2 lbs

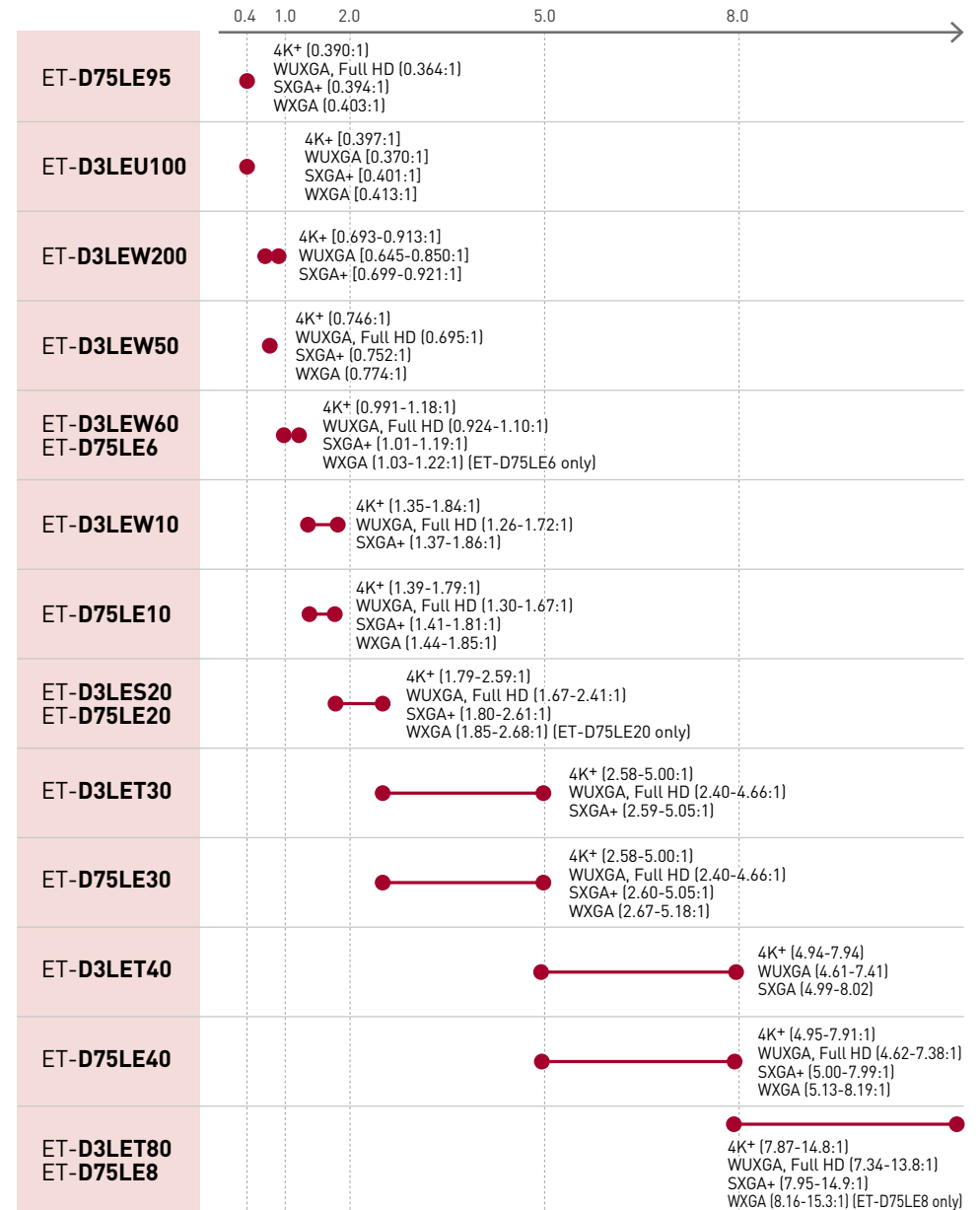
Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens	Zoom lens	Zoom lens
Model number	ET-D3LEW10	ET-D75LE10	ET-D3LES20	ET-D75LE20	ET-D3LET30	ET-D75LE30
F value	2.5	2.5	2.5	2.5	2.5	2.5
Focal distance (f)	26.6-36.4 mm	27.4-35.4 mm	35.0-50.9 mm	35.0-50.9 mm	50.4-98.0 mm	50.5-97.9 mm
Weight	Approx. 6.2 kg/13.7 lbs	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	Lens Fixed Attachment	Lens Fixed Attachment
Model number	ET-D3LET40	ET-D75LE40	ET-D3LET80	ET-D75LE8	ET-PLF20	ET-PLF10
F value	2.5	2.5	2.5-2.7	2.5-2.7		
Focal distance (f)	96.6-154.9 mm	96.6-154.1 mm	154-289 mm	154-289 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		

Optional Lenses Compatibility Chart

	ET-D75LE95	ET-D3LEU100	ET-D3LEW200	ET-D3LEW60	ET-D3LEW10	ET-D75LE10	ET-D3LES20	ET-D75LE20	ET-D3LET30	ET-D75LE30	ET-D3LET40	ET-D75LE40	ET-D3LET80	ET-D75LE8
PT-RQ32K	✓	✓ ³	✓ ³	✓	✓ ³	✓	✓ ³	✓	✓ ³	✓	✓ ³	✓	✓ ³	✓
PT-RZ31K	✓	✓ ³	✓ ³	✓	✓ ³	✓	✓ ³	✓	✓ ³	✓	✓ ³	✓	✓ ³	✓
PT-RS30K	✓	✓ ³	✓ ³	✓	✓ ³	✓	✓ ³	✓	✓ ³	✓	✓ ³	✓	✓ ³	✓
PT-RQ22K	✓	✓ ³	✓ ³	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ21K	✓	✓ ³	✓ ³	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RS20K	✓	✓ ³	✓ ³	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RQ13K	✓	✓ ³	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓
PT-RZ12K	✓	✓ ³	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓
PT-RS11K	✓	✓ ³	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓
ET-PLF20	-	✓	✓	-	-	-	-	-	-	-	-	-	-	-
ET-PLF10	✓	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Throw Ratio



*1: Except for the PT-RQ50K.

*2: Calibration is required each time the lens is mounted.

*3: Projector may require the latest firmware update.

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

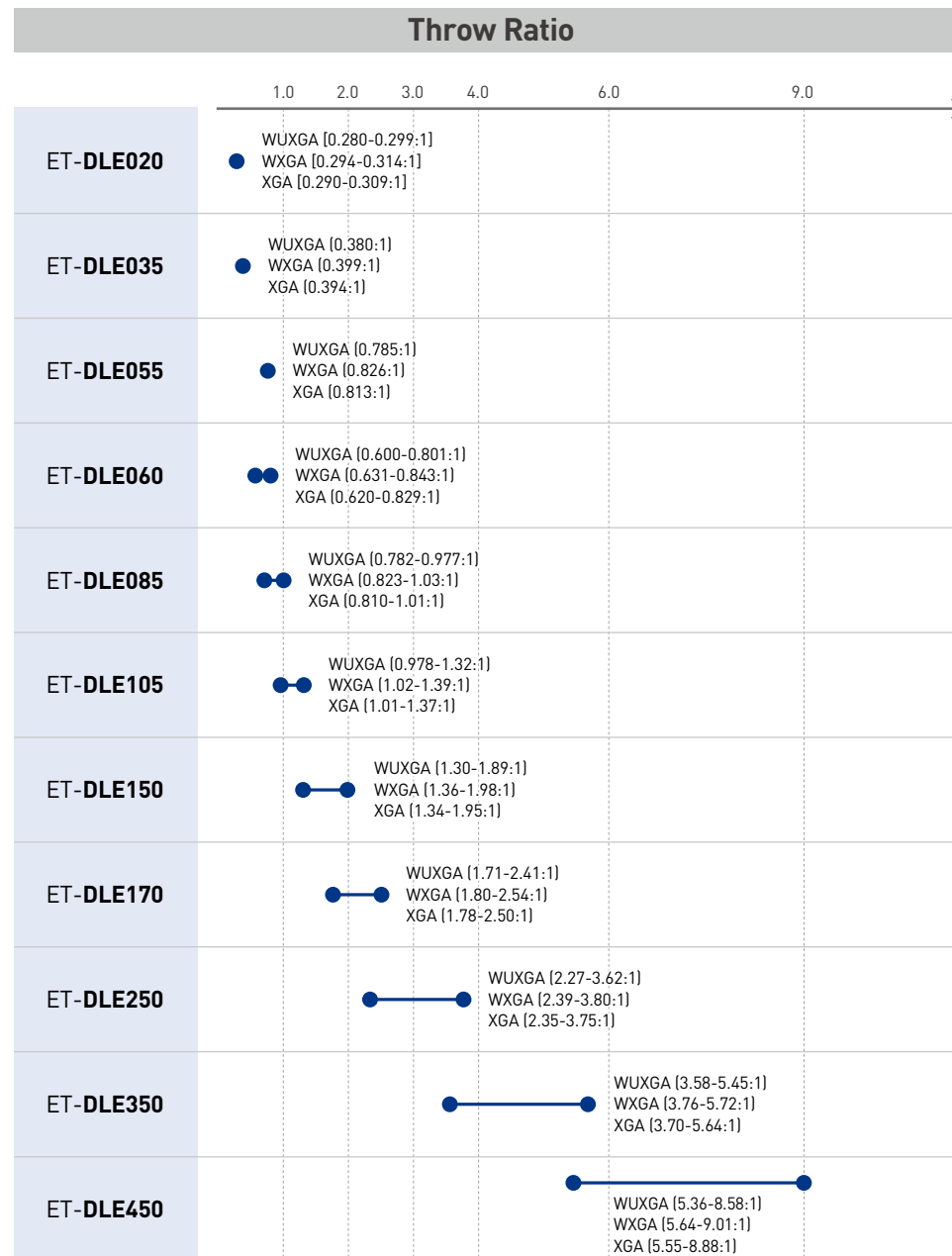
Lens type	Zoom lens	Fixed-focus lens	Fixed-focus lens	Zoom lens
Model number	ET-DLE020	ET-DLE035	ET-DLE055	ET-DLE060
	 NEW			
F value	2.0	2.0	1.8	1.85-2.34
Focal distance (f)	4.1-4.4 mm	5.3 mm	11.9 mm	9.16-12.06 mm
Weight	Approx. 3.2 kg/7.05 lbs	Approx. 1.3 kg/3.1 lbs	Approx. 0.8 kg/1.8 lbs	Approx. 1.3 kg/2.9 lbs

Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens (supplied lens)*1
Model number	ET-DLE085	ET-DLE105	ET-DLE150	ET-DLE170
				
F value	1.85-2.20	1.85-2.35	1.8-2.4	1.7-1.9
Focal distance (f)	11.8-14.6 mm	14.7-19.7 mm	19.4-27.9 mm	25.6-35.7 mm
Weight	Approx. 1.3 kg/2.9 lbs	Approx. 1.2 kg/2.6 lbs	Approx. 1.1 kg/2.4 lbs	Approx. 0.9 kg/2.0 lbs

Lens type	Zoom lens	Zoom lens	Zoom lens
Model number	ET-DLE250	ET-DLE350	ET-DLE450
			
F value	1.8-2.4	1.8-2.2	1.8-2.4
Focal distance (f)	33.9-53.2 mm	52.8-79.5 mm	79.5-125.2 mm
Weight	Approx. 1.0 kg/2.2 lbs	Approx. 1.1 kg/2.4 lbs	Approx. 1.3 kg/2.9 lbs

Optional Lenses Compatibility Chart

	ET-DLE020	ET-DLE035	ET-DLE055	ET-DLE060	ET-DLE085	ET-DLE105	ET-DLE150	ET-DLE170	ET-DLE250	ET-DLE350	ET-DLE450
PT-RCQ10	✓ ²	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RCQ80	✓ ²	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ120	✓ ²	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ970	✓ ²	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RW930	✓ ²	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RX110	✓ ²	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ870	✓ ²	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ770	✓ ²	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RW730	✓ ²	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ660	✓ ²	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RW620	✓ ²	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



*1: The ET-DLE170 is equivalent of supplied lens. Availability varies depending on the country.
*2: Projector may require the latest firmware update.

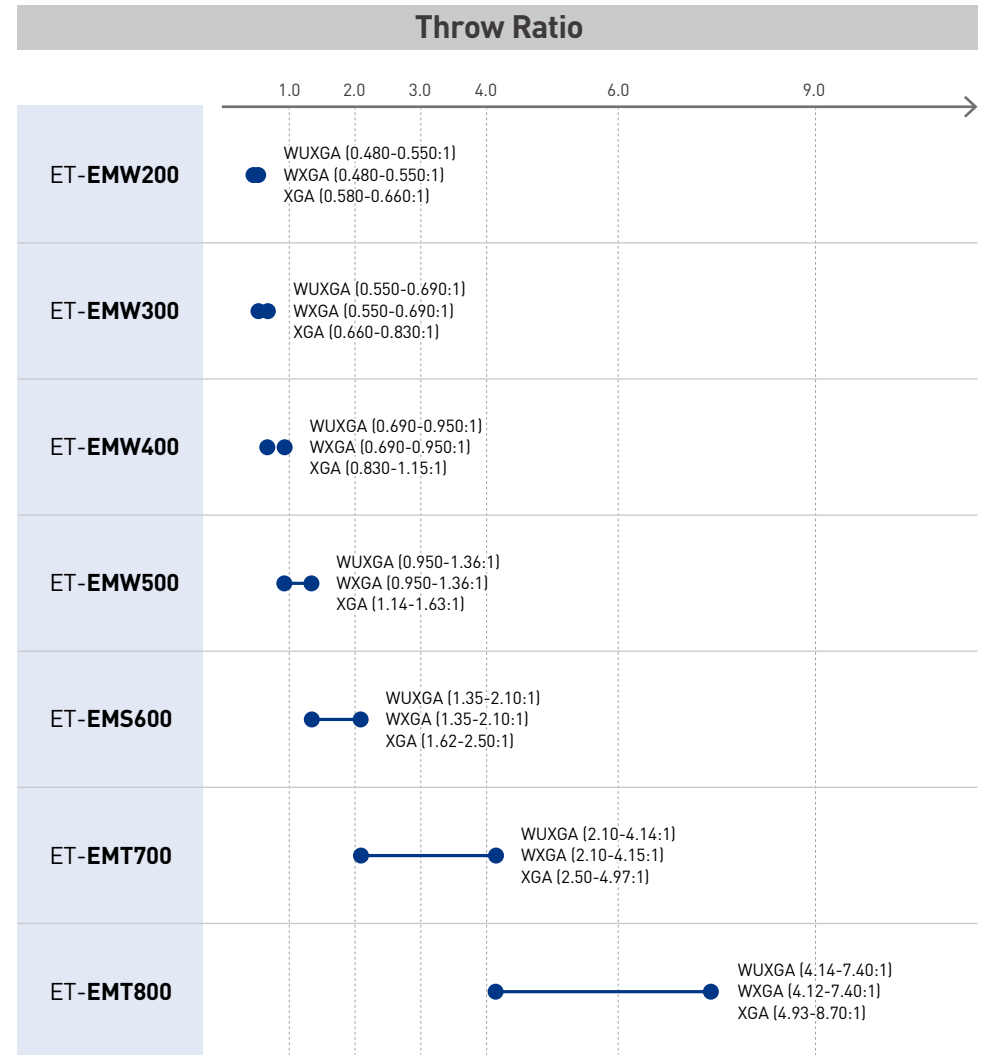
Optional Lenses for LCD Projector ≥ 10,000 lumen (Installation)

Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens
Model number	ET-EMW200 <small>Available from April 2020</small>	ET-EMW300 NEW	ET-EMW400 NEW	ET-EMW500 NEW
F value	1.84-2.14	1.84-2.24	1.84-2.24	1.80-2.35
Focal distance (f)	10.80-12.52 mm	12.31-15.43 mm	15.30-21.10 mm	21.08-30.00 mm
Weight	Approx. 5.20 kg/11.46 lbs	Approx. 5.20 kg/11.46 lbs	Approx. 5.05 kg/11.13 lbs	Approx. 5.15 kg/11.35 lbs

Lens type	Zoom lens	Zoom lens	Zoom lens
Model number	ET-EMS600 NEW	ET-EMT700 NEW	ET-EMT800 NEW
F value	1.75-2.17	1.82-2.53	1.85-2.39
Focal distance (f)	29.90-46.32 mm	46.00-90.50 mm	90.30-162.60 mm
Weight	Approx. 3.70 kg/8.16 lbs	Approx. 4.55 kg/10.03 lbs	Approx. 4.75 kg/10.47 lbs

Optional Lenses Compatibility Chart

	ET-EMW200	ET-EMW300	ET-EMW400	ET-EMW500	ET-EMS600	ET-EMT700	ET-EMT800
PT-MZ16KL	✓	✓	✓	✓	✓	✓	✓
PT-MZ13KL	✓	✓	✓	✓	✓	✓	✓
PT-MZ10KL	✓	✓	✓	✓	✓	✓	✓



Optional Lenses for LCD Projector < 10,000 lumen (Installation)

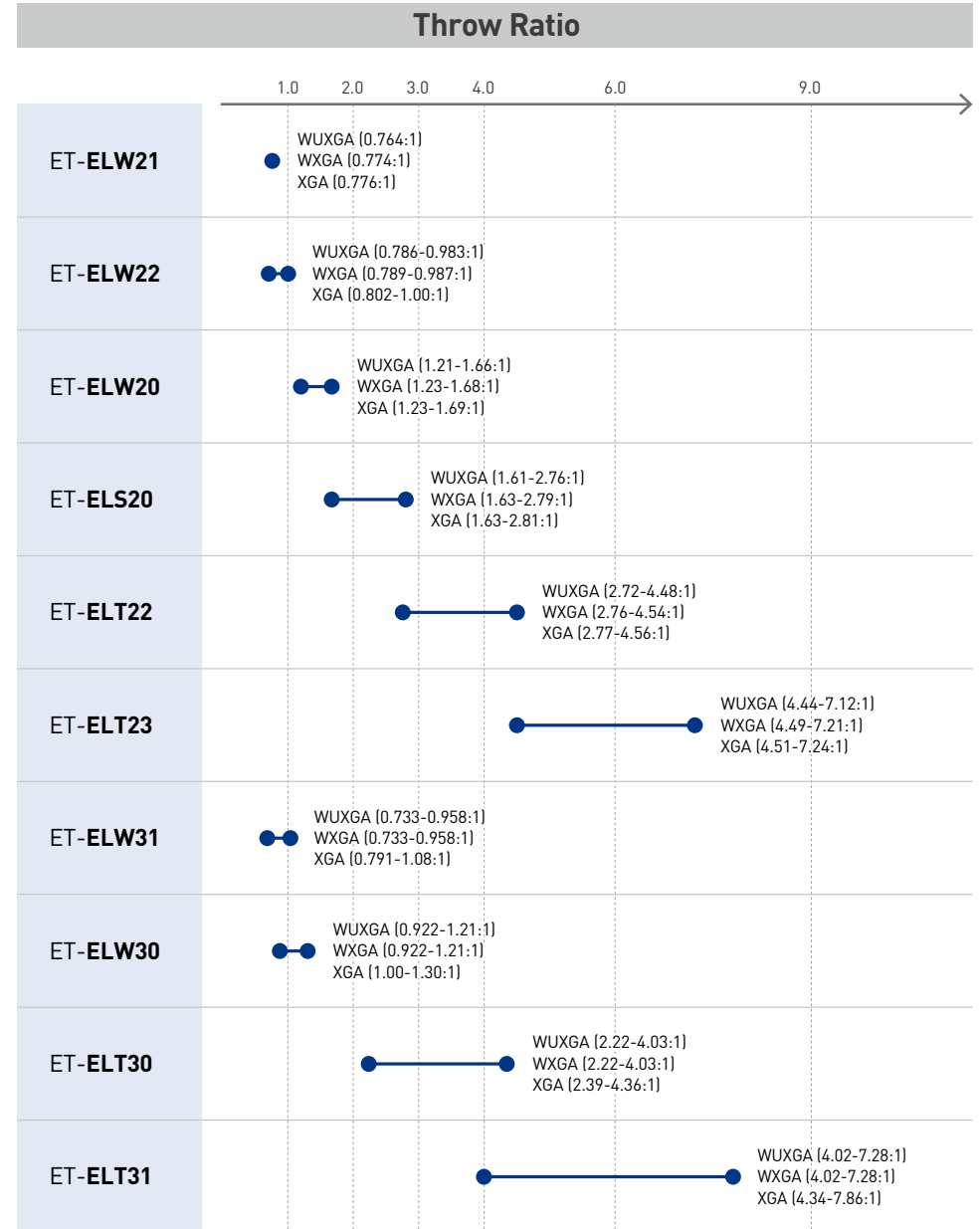
Lens type	Fixed-focus lens	Zoom lens	Zoom lens	Zoom lens (supplied lens)*2
Model number	ET-ELW21	ET-ELW22	ET-ELW20	ET-ELS20
				
F value	2.0	2.0-2.4	1.8-2.3	1.7-2.3
Focal distance (f)	13.05 mm	13.27-16.56 mm	20.4-27.6 mm	26.9-45.4 mm
Weight	Approx. 1.08 kg/2.4 lbs	Approx. 1.20 kg/2.7 lbs	Approx. 1.20 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	-	-	-	-	-	-	✓	✓	✓	✓



*1: Except for the PT-MZ16KL/MZ13KL/MZ10KL.

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

Features (Large-Venue, Installation)

Features	PT-RQ50K	PT-RQ32K	PT-RZ31K	PT-RS30K	PT-RQ22K	PT-RZ21K	PT-RS20K	PT-RQ13K	PT-RZ12K	PT-RS11K	PT-RCQ10	PT-RCQ80	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	-	-	-	-	-	-	-	-	-	-	✓		✓	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	-	-	-	-	-	-	-	-	-	-	-
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: HDMI/DIGITAL LINK input only.

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

Features (Installation)

Features	PT-MZ16KL	PT-MZ13KL	PT-MZ10KL	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	PT-VMZ60	PT-VMZ50	PT-VMZ40	PT-VMW60	PT-VMW50	
Specification																										
DIGITAL LINK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
24/7 operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓
4K signal input	✓ ¹	✓ ¹	✓ ¹	✓ ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓ ¹	✓ ¹	✓ ¹	✓ 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	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²
Mirroring Function	-	-	-	✓ 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 (Portable, Short Throw)

Features	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
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: HDMI/DIGITAL LINK input only. Supports signal up to 4K/30p.

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

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

Model Type	Model Number	PT-R050K	PT-R032K	PT-RZ31K	PT-RS30K	PT-R022K	PT-RZ21K		PT-RS20K	PT-R013K	PT-RZ12K	PT-RS11K
Ceiling mount bracket												
High ceiling mount bracket	ET-PKD520H	-	-	-	-	✓	✓		✓	✓	✓	✓
Low ceiling mount bracket	ET-PKD520S	-	-	-	-	✓	✓		✓	✓	✓	✓
Projector mount bracket	ET-PKD520B	-	-	-	-	✓	✓		✓	✓	✓	✓
Frame	ET-PFD510*1	-	-	-	-	✓	✓		✓	✓	✓	✓
Replacement filter unit												
Replacement filter unit	ET-EMF330	-	✓	✓	✓	-	-		-	✓	✓	✓
Smoke cut filter	ET-SFR330*2	-	✓	✓	✓	-	-		-	✓	✓	✓
Long life filter unit	ET-EMFU330	-	✓	✓	✓	-	-		-	-	-	-
Wireless module												
Wireless module	AJ-WM50	✓	-	-	-	-	-		-	-	-	-
Peripheral												
DIGITAL LINK Switcher	ET-YFB200G	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
Digital Interface Box	ET-YFB100G	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
Software												
Early Warning Software	ET-SWA100 Series*3	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
Geometry Manager Pro Upgrade Kit	ET-UK20	-	✓	✓	✓	✓	✓		✓	✓	✓	✓
Auto Screen Adjustment Upgrade Kit	ET-CUK10/CUK10P*4	-	✓	✓	✓	✓	✓		✓	✓	✓	✓
Interface board												
DVI-D input signal board	ET-MDNDV10	✓	✓	-	-	✓	-		-	✓	-	-
HDMI input signal board	ET-MDNHM10	✓	✓	-	-	✓	-		-	✓	-	-
12G-SDI signal board	ET-MDN12G10	✓	✓	-	-	✓	-		-	✓	-	-
3G-SDI input signal board	TY-TBN03G	-	✓	-	-	✓	-		-	✓	-	-
DisplayPort input signal board	ET-MDNDP10	✓	-	-	-	✓	-		-	-	-	-

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

*4: The availability varies depending on the country.

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

Model Type	Model Number	PT-RC010	PT-RC080	PT-RZ120	PT-RZ970	PT-RW930	PT-RX110		PT-RZ870	PT-RZ770	PT-RW730	PT-RZ660	PT-RW620	PT-RZ570	PT-RZ575
		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	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Wireless module															
Wireless module	AJ-WM50	✓	✓	-	-	-	-		-	-	-	-	-	-	-
Peripheral															
DIGITAL LINK Switcher	ET-YFB200G	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Digital Interface Box	ET-YFB100G	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
D-Sub/S-VIDEO conversion cable	ET-ADSV	-	-	-	-	-	-		-	-	-	-	-	✓	✓
Software															
Early Warning Software	ET-SWA100 Series*2	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
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	✓	✓	-	-	-	-		-	-	-	-	-	-	-
12G-SDI signal board	ET-MDN12G10	✓	✓	-	-	-	-		-	-	-	-	-	-	-
DisplayPort input signal board	ET-MDNDP10	✓	✓	-	-	-	-		-	-	-	-	-	-	-

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

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

*3: The availability varies depending on the country.

Optional Accessories for LCD Projector (Installation)

Model Type	Model Number	PT-MZ16KL	PT-MZ13KL	PT-MZ10KL	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 with 6-axis adjustment mechanism	ET-PKD130H*1	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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*2	-	-	-	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Peripheral																					
DIGITAL LINK Switcher	ET-YFB200G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	-	✓	✓
Digital Interface Box	ET-YFB100G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	-	✓	✓
D-Sub/S-VIDEO conversion cable	ET-ADSV	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
Software																					
Early Warning Software	ET-SWA100 Series*3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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, Portable, Short Throw)

Model Type	Model Number	PT-VMZ60	PT-VMZ50	PT-VMZ40	PT-VMW60	PT-VMW50	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-RFV500	✓	✓	✓	✓	✓	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	✓	✓	✓	✓	✓	✓	-		✓	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
Interactive Light pen	ET-PEN100	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	✓	-	-	-
Interactive Pointer	ET-PNT100	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	✓	-	-	-
D-Sub/S-VIDEO conversion cable	ET-ADSV	-	-	-	-	-	-	-		-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Software																									
Early Warning Software	ET-SWA100 Series ^{*1}	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓

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

Fisheye Lens / Stepping Motor Kit for Optional Lenses

OPTION

High-Resolution Fisheye Lens for Immersive Projection in Entertainment Applications

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



Features

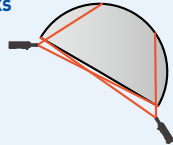
- Suitable for dome theater, planetarium, theme park, events, etc.
- Supports high-resolution WQXGA (4K¹) projection
- Wide lens shift for flexible projection
- Surrounding focus correction when projecting from short distances
- Compatible with Panasonic 3-Chip DLP™ projectors*

* Supports the PT-D7500 3-Chip DLP™ projector and later models, except for the PT-RQ50K.



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.

DIGITAL LINK Compatible Options / Transparent Film Screen

OPTION

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

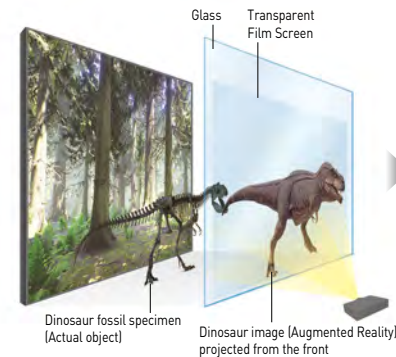
Digital Interface Box
ET-YFB100G (optional)



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

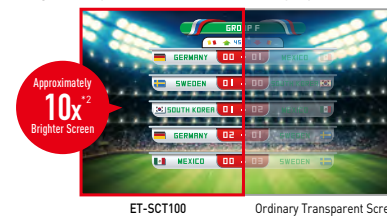
An AR Experience to Excite Your Customers

A film-type transparent screen changes the existing transparent glass into a projector screen. Customers enjoy dynamic digital content in the form of Augmented Reality (AR), to view actual objects in real-life size.



Features

- High transparency^{*1} achieves clear projected images



- Uses existing glass^{*3} for AR display



*1: Transparent Screen with 70% or higher transmission. *2: At an incident angle of 60°, using projectors with equal brightness. (according to a Panasonic survey) *3: Use may not be possible due to the shape of the glass, the condition of the surface, etc.

For more information, please visit the website. >>> panasonic.net/cns/projector/products/sct100/

Geometric Adjustment Feature and Upgrade Kits Expand Projection Capability

FEATURES

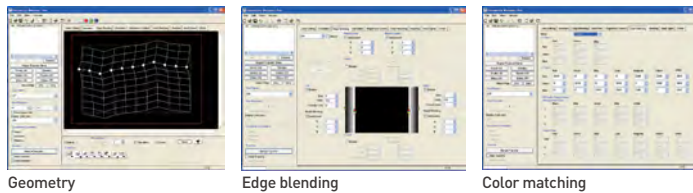
Flexible projection with a peripheral system turns image viewing into a memorable experience. Panasonic offers features that provide truly unique applications.

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]*1

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-RQ50K	PT-RQ32K	PT-RZ31K	PT-RS30K	PT-RQ22K	PT-RZ21K	PT-RS20K	PT-RQ13K	PT-RZ12K	PT-RS11K	PT-RCQ10	PT-RCQ80
Geometric Adjustment	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Geometry Manager Pro Software	Yes*2	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ET-UK20	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ET-CUK10/CUK10P*1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

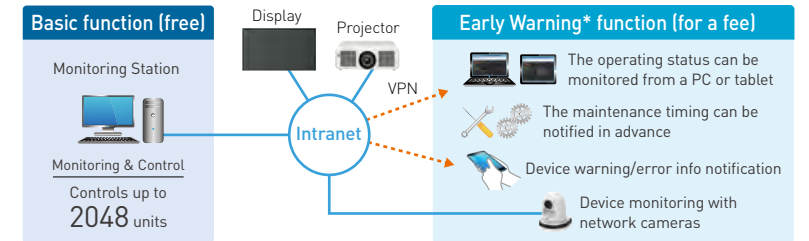
	PT-RZ120	PT-RZ970	PT-RW930	PT-RX110	PT-RZ870	PT-RZ770	PT-RW730	PT-RZ660	PT-RW620	PT-MZ16KL	PT-MZ13KL	PT-MZ10KL
Geometric Adjustment	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Geometry Manager Pro Software	Yes	Yes	No	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes
ET-UK20	Yes	Yes	No	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes
ET-CUK10/CUK10P*1	Yes	Yes	No	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes

*1: 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.
*2: Features are built into the projector, no need for activation.

Multi Monitoring & Control Software

SOFTWARE

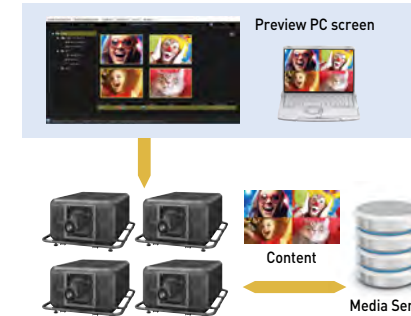
This free Panasonic software offers monitoring and control of up to 2,048 projectors and professional displays over a LAN network from a single PC to simplify management and maintenance while supporting stable operation. Also, by purchasing Early Warning Functions, you can remotely control and monitor the system with a web browser on a notebook PC or tablet device.



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

NEW Remote Preview Function

Preview content remotely



Remote Preview Saves Time and Unnecessary Stress
Newly introduced within Multi Monitoring & Control Software and also accessible via web browser, Remote Preview allows projectionists to check the content being received by the projector via a Wi-Fi®- or LAN-connected laptop. It works with the projector in Standby, with the shutter on, or when direct sunlight makes inspecting on-screen images difficult. It gives a chance to fix errors between the source and projector before setup is completed.

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

Get an instant notification if the screen blanks or freezes during playback. Video can be recorded to identify where and when the problem occurred.



The captured image when an abnormality happens is stored

Free 90-day trial

*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.



For downloading/activating the software and optional upgrade kits

PASS (Projector & Professional Display Asset Support System)

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

Utility Software can be downloaded from PASS



- Auto Screen Adjustment Upgrade Kit [ET-CUK10/CUK10P]
- NFC Upgrade Kit [ET-NUK10]
- 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/

Events / Rental Staging

Blackpool's Lightpool Festival

Pushing the boundaries of light, space and sound.



Why Choose Panasonic Projectors?

- Ultimate reliability and high-end quality for a show stopping moment
- The Panasonic 3-Chip DLP™ Laser Projectors provide the highest light output of any other projectors
- Less power usage

Installation Background

Panasonic projectors allowed creatives the freedom to explore their potential.

This festival combined classical music with state-of-the-art projection mapping. Panasonic projectors provide high-end projection mapping that could operate around the Empress Ballroom's intricate ceiling with multiple chandeliers. 16 PT-RZ31K 30,000 lumen projectors were required to cover the largest areas of the ceilings and facades, with eight PT-RZ21K 20,000 lumen laser projectors being used to fill in the smaller areas, around the walls and pillars.

Equipment Installed



3-Chip DLP™ projector
PT-RZ31K (x16)



3-Chip DLP™ projector
PT-RZ21K (x8)

Events / Rental Staging

The Human League and Bastille on European Tours

Adapt the content to different venues and maintain high quality.



Why Choose Panasonic Projectors?

- Reliability: Produce the same result every night and showcase true reproduction of the content
- Panasonic Projectors are the smallest and lightest projectors with this level of brightness
- The projector can be freely positioned at any angle

Installation Background

Needed sufficient reliability and portability to deliver a vision for the tours of two very different artists.

Panasonic lights up the stage for Bastille and The Human League. The PT-RZ21K and PT-RZ31K projectors were selected to produce stage content for two major UK bands, The Human League and Bastille, on their European tours. The tours required four RZ31K units to create the stage based show design. The tours also required flexibility from the AV set up to ensure that the projection stacks could be accommodated within any venue. The RZ31K and RZ21K units were able to rise to the challenge.

Equipment Installed



3-Chip DLP™ projector
PT-RZ31K



3-Chip DLP™ projector
PT-RZ21K

Corporate

Mitsui Fudosan Residential Co., Ltd. "HARUMI FLAG Pavilion"

New display devices and VR/AR technologies integrate in a sophisticated exhibition system that inspires a sensation of "being there."



Why Choose Panasonic Projectors?

- Employing cutting-edge VR projection technology "VIRTUAL STAGE MIERVA"
- PT-RZ12K and ET-D75LE95 create bright and clear images even in the limited space
- Panasonic's overall strength

Installation Background

A brand-new experience people never had before.

"HARUMI FLAG" is a new flagship project for urban lifestyles, so the condominium sales center should offer an unprecedentedly novel presentation to introduce it. "VIRTUAL STAGE MIERVA" employs four high-brightness PT-RZ12K Laser Projectors with Ultra-Short-Throw Lenses to project dynamic footage of the actual view onto walls outside the demo-room windows. A 24-hour time-lapse video edited into a one-minute movie shows the changing panorama through morning, evening, and night.

Equipment Installed



3-Chip DLP™ projector
PT-RZ12K (x6)



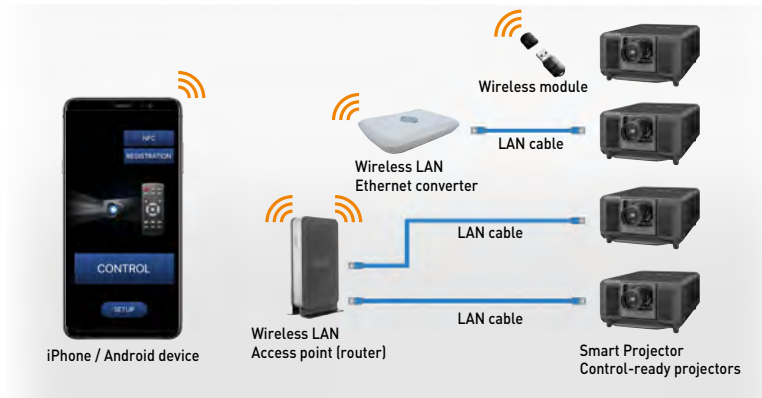
Ultra-Short-Throw Lens
ET-D75LE95 (x4)

Short-Throw Lens
ET-D3LEW50 (x2)

Smart Projector Control is a smartphone application that enables various controls, from turning the power on and off to various lens adjustments.

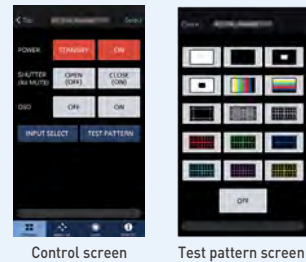
Advantages

- The projector can be set and operated from the smartphone application, so there is no hassle associated with the remote control or main body buttons.
- Multiple projectors* can be operated simultaneously, and the status of a selected projector can be checked.
 - * Up to 64 projectors can be registered.
- A detailed screen of projectors registered in Early Warning Software can be displayed.



What you can do with Smart Projector Control

- 1 Turn the Projector On and Off
Open (off) and Close (on) the Shutter (AV mute control)
Display/Hide the On-Screen Menu
- 2 Confirm and Switch the Input Signals
- 3 Switch and Display the Test Patterns
- 4 Menu Settings (onscreen menu operation)
- 5 Lens Control (adjust the shift/zoom/focus)
- 6 Display the Projector Status
- 7 Link Predictive Monitoring Software (monitoring screen, settings and help display)



* The NFC function and Auto Focus function that have been added to Smart Projector Control Ver. 2.0 are introduced on page 12.



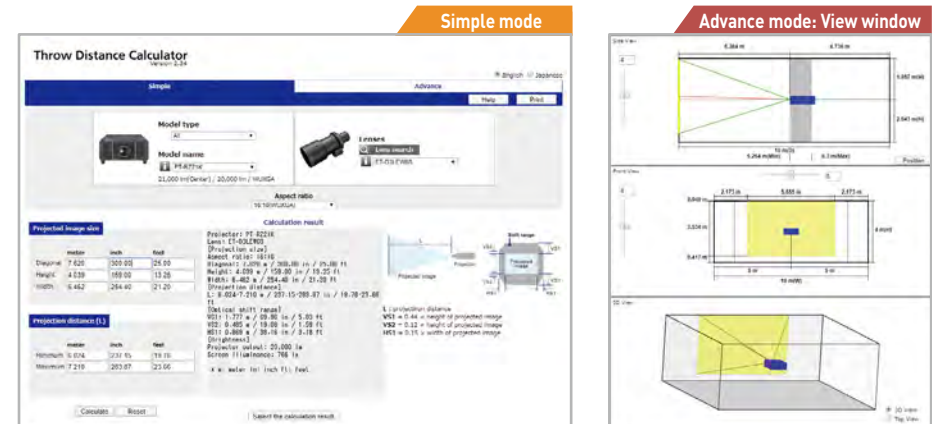
Download Smart Projector Control (free) from App Store or Google Play.



panasonic.net/cns/projector/download/application/smartpj/

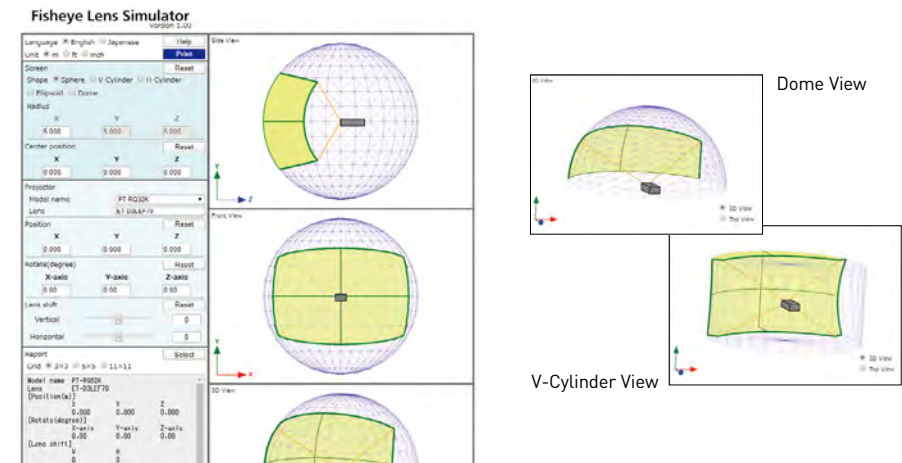
Throw Distance Calculator

The Throw Distance Calculator is an efficient way to estimate the throw distance for any screen size using any Panasonic projector and optional lens. There is a Simple mode and an Advance mode. With the Advance mode, the projector can be dragged to any arbitrary position and set. The Lens Finder feature helps you to find the most appropriate optional lens.



Fisheye Lens Simulator

The Fisheye Lens Simulator simulates the screen size in relation to the projection position when using a Panasonic 3-Chip DLP™ projector fitted with a Panasonic ET-D3LEF70 Fisheye Lens. In addition to a Sphere, the screen shape can be simulated to a Dome, a Cylinder, or various other shapes.



For more information, please visit the website >>> panasonic.net/cns/projector/download/#calculator