

PROJECTORS

Line-up Catalog June 2024



Worldwide Olympic and 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



● **PT-RQ50K** >P3
50,000 lm



● **PT-RQ35K** >P3
30,500 lm

*Resolution 3840 x 2400 Pixels (Quad Pixel Drive: ON).



● **PT-RZ34K** >P4
30,500 lm



● **PT-RQ25K** >P5
20,000 lm

*Resolution 3840 x 2400 Pixels (Quad Pixel Drive: ON).



● **PT-RZ24K** >P5
20,000 lm



● **PT-RQ18K** >P6
16,000 lm

*Resolution 3840 x 2400 Pixels (Quad Pixel Drive: ON).



● **PT-RZ17K** >P6
16,000 lm



● **PT-RZ14K** >P6
14,000 lm



10,000 lm



NEW
● **PT-REQ15 Series** >P7
8,000-15,000 lm



NEW
● **PT-REZ15 Series** >P8
8,000-15,000 lm



● **PT-RZ790/RZ690** >P10
6,000-7,000 lm

*HDMI™/DIGITAL LINK input only.



● **PT-FRQ60 Series** >P11
5,200-6,000 lm

*Resolution 3,840 x 2,160 Pixels (Quad Pixel Drive: ON).



● **PT-FRZ60 Series** >P12
5,200-6,000 lm

*HDMI™/DIGITAL LINK input only.



● **PT-FRZ55** >P12
5,000 lm

*HDMI™/DIGITAL LINK input only.

5,000 lm

SOLID SHINE Series



● **PT-MZ20K Series** >P13
11,000-20,000 lm

*HDMI™/DIGITAL LINK input only.



● **PT-MZ880 Series** >P16
6,000-8,000 lm

*HDMI™/DIGITAL LINK input only.



NEW
● **PT-MZ882 Series** >P14
6,500-8,200 lm

*HDMI™/DIGITAL LINK input only.



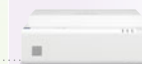
● **PT-VMZ71 Series** >P23
4,500-7,000 lm

*HDMI™/DIGITAL LINK input only. Supports signal up to 4K/30p.



● **PT-LMZ460 Series** >P24
4,200-4,600 lm

*HDMI™ input only. Supports signal up to 4K/30p.



● **PT-CMZ50** >P36
5,200 lm

*HDMI™/DIGITAL LINK input only. Supports signal up to 4K/30p.



● **PT-TMZ400 Series** >P33
3,800-4,000 lm

*HDMI™ input only. Supports signal up to 4K/30p.



● **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** >P27
5,000-5,500 lm



● **PT-VW360 Series** >P29
4,000-4,500 lm



● **PT-TW381R Series** >P35
3,200-3,800 lm
















● **PT-LB426 Series** >P30
3,100-4,100 lm

- Large-Venue
- Installation
- Portable
- Short Throw/
Ultra Short Throw

Large-Venue



	PT-RQ50K	PT-RQ35K	PT-RZ34K
	 50,000 lm / 51,000 lm (Center) ⁷ Native 4K ⁶ * Lens sold separately.	 30,500 lm / 32,000 lm (Center) ⁷ 4K ⁶ * Lens sold separately.	 30,500 lm / 32,000 lm (Center) ⁷ WUXGA * Lens sold separately.
	    	    	    
Projector type	3-Chip DLP™ Projector	3-Chip DLP™ Projector	3-Chip DLP™ Projector
DLP Chip			
Panel size	35.1 mm (1.38 in)	24.4 mm (0.96 in)	24.4 mm (0.96 in)
Aspect ratio	17:9	16:10	16:10
Number of pixels	8,847,360 (4,096 x 2,160) pixels	2,304,000 (1,920 x 1,200) pixels	2,304,000 (1,920 x 1,200) pixels
Light source	Laser diodes (Blue LD, Red LD)	Laser diodes (Blue LD, Red LD)	Laser diodes (Blue LD, Red LD)
Light output	50,000 lm / 51,000 lm (Center) ⁷	30,500 lm / 32,000 lm (Center) ⁷	30,500 lm / 32,000 lm (Center) ⁷
Time until light output declines to 50%¹	20,000 hours (NORMAL)/ 24,000 hours (ECO)	20,000 hours (NORMAL)/ 24,000 hours (ECO)/ 26,000 hours (QUIET)	20,000 hours (NORMAL)/ 24,000 hours (ECO)/ 26,000 hours (QUIET)
Resolution	Native 4K (4,096 x 2,160)	4K (3,840 x 2,400)	WUXGA (1,920 x 1,200)
Contrast ratio (full on/full off)	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) ¹²	1.78-25.4 m (70-1,000 in) ¹²
Lens shift²	Vertical: ±45 % ⁸ , Horizontal: ±16 % ⁸ (powered)	Vertical: ±55 % ¹³ , Horizontal: ±20 % ¹³ (powered)	Vertical: ±55 % ¹³ , Horizontal: ±20 % ¹³ (powered)
Filter Replacement Cycle	- (No filter)	- (No filter)	- (No filter)
Terminals	Multi Projector SYNC in/out [BNC x 2] Serial in/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] USB [USB type-A x 1] ⁹ DC out [USB type-A x 2 (DC 5 V, total 2 A)] Slot 1 [Pre-installed with ET-MDN12G10] Slot 2 [SLOT NX specification, for Interface Boards (optional)]	HDMI™ in [HDMI™ 19-pin x 1] Multi Projector SYNC in/out [BNC x 2] Serial in/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] USB [USB type-A x 1] ⁹ DC out [USB type-A x 2 (DC 5 V, total 2 A)] Slot [SLOT NX specification, for Interface Boards (optional)]	SDI in [BNC x 2 (3G/HD/SD-SDI)] HDMI™ in [HDMI™ 19-pin x 1] DVI-D in [DVI-D 24-pin x 1] 3D SYNC 1 in/out / Multi Projector Sync in [BNC x 1] 3D SYNC 2 out / Multi Projector Sync out [BNC x 1] Serial in/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] USB [USB type-A x 1] ⁹ DC out [USB type-A x 2 (DC 5 V, total 2 A)] Slot [SLOT NX specification, for interface board (optional)]
Power supply	100-240 V AC, 50/60 Hz ¹⁰	100-240 V AC, 50/60 Hz ¹⁰	100-240 V AC, 50/60 Hz ¹⁰
Maximum power consumption	4,100 W	2,550 W	2,450 W
On-mode power consumption	[NORMAL] 3,970 W / [ECO] 3,110 W	[NORMAL] 2,060 W / [ECO] 1,650 W [QUIET] 1,370 W	[NORMAL] 2,010 W / [ECO] 1,590 W [QUIET] 1,310 W
BTU value	Max. 13,560 BTU	Max. 8,713 BTU	Max. 8,371 BTU
Operation noise	52 dB	49 dB (NORMAL/ECO)/46 dB (QUIET)	49 dB (NORMAL/ECO)/46 dB (QUIET)
Dimensions (W x H³ x D⁴)	720 x 445 x 1070 mm (28-11/32 x 17-9/16 x 42-1/8 in)	598 x 353 x 780 mm (23-17/32 x 13-29/32 x 30-23/32 in)	598 x 353 x 780 mm (23-17/32 x 13-29/32 x 30-23/32 in)
Weight⁵	Approx. 126 kg/278 lbs	Approx. 69.8 kg/154 lbs	Approx. 68.6 kg/152 lbs
Optional accessories	ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) AJ-WM50 (Wireless Module) ¹¹ ET-MDN12G10 (12G-SDI Input Board) ET-MDNHM10 (HDMI™ Input Board) ET-MDNDV10 (DVI-D Input Board) ET-MDNDP10 (DisplayPort Input Board) ET-MDNFB10 (12G-SDI Optical Input Board) ET-NUK10 (NFC Upgrade Kit) ¹¹	ET-D75MKS10 (Stepping Motor Kit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) AJ-WM50 (Wireless Module) ¹¹ ET-MDNDV10 (DVI-D Input Board) ET-MDNHM10 (HDMI™ Input Board) ET-MDN12G10 (12G-SDI Input Board) ET-MDNDP10 (DisplayPort Input Board) ET-MDNFB10 (12G-SDI Optical Input Board) ET-SUK10 (High Frame Rate Upgrade Kit) ET-NUK10 (NFC Upgrade Kit) ¹¹	ET-D75MKS10 (Stepping Motor Kit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) AJ-WM50 (Wireless Module) ¹¹ ET-MDNDV10 (DVI-D Input Board) ET-MDNHM10 (HDMI™ Input Board) ET-MDN12G10 (12G-SDI Input Board) ET-MDNDP10 (DisplayPort Input Board) TY-TBN03G (3G-SDI Input Board) ET-MDNDP10 (DisplayPort Input Board) ET-MDNFB10 (12G-SDI Optical Input Board) ET-NUK10 (NFC Upgrade Kit) ¹¹
Optional lens	Yes (see the Optional Lenses page: P39)	Yes (see the Optional Lenses page: P41)	Yes (see the Optional Lenses page: P41)

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 3,840 x 2,400 Pixels (QUAD PIXEL DRIVE: ON) 7: Luminance measured at center of screen.

8: Vertical ±25% and horizontal ±8% with the ET-D3QT600. 9: For USB Memory Stick / optional Wireless Module (AJ-WM50) 10: Brightness restricted with voltage lower than 200 V. 11: Product availability may vary by country or region. To use NFC function, Smart Projector Control App is required. 12: 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. 13: Vertical ±44% and horizontal ±15% with the ET-D75LE6/ET-D3LEW60. 14: ET-SUK10 is required.

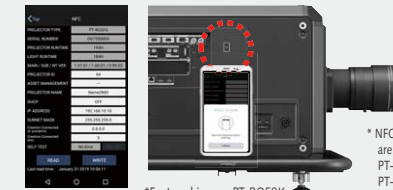
Smart Projector Control FEATURES



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.

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!



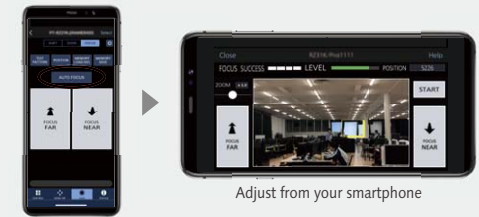
*Featured image: PT-RQ50K

* NFC function compatible projectors are the PT-RQ50K, PT-RQ35K Series, PT-RZ14K, PT-REQ15 Series, PT-REZ15 Series and PT-MZ20K 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

Note: Auto Focus may not be compatible with some projector models and mobile devices. Please refer to the Web Manual for supported models.

See page 68 for the basic information

Smart Projector Control detail page:

>>> <https://docs.connect.panasonic.com/projector/products/smartpjcontrol/>

Large-Venue



PT-RQ25K



20,000 lm / 21,000 lm (Center)⁷ 4K⁶
* Lens sold separately.



PT-RZ24K



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



PT-RQ18K



16,000 lm / 16,800 lm (Center)⁷ 4K⁶
* Lens sold separately.



PT-RZ17K



16,000 lm / 16,800 lm (Center)⁷ WUXGA
* Lens sold separately.



PT-RZ14K



14,000 lm / 14,700 lm (Center)⁷ WUXGA
* Lens sold separately.



Projector type		3-Chip DLP™ Projector	3-Chip DLP™ Projector	3-Chip DLP™ Projector	3-Chip DLP™ Projector	3-Chip DLP™ Projector
DLP Chip	Panel size	20.3 mm (0.8 in)	20.3 mm (0.8 in)	20.3 mm (0.8 in)	20.3 mm (0.8 in)	20.3 mm (0.8 in)
	Aspect ratio	16:10	16:10	16:10	16:10	16:10
Light source	Number of pixels	2,304,000 (1,920 x 1,200) pixels x 3	2,304,000 (1,920 x 1,200) pixels	2,304,000 (1,920 x 1,200) pixels x 3	2,304,000 (1,920 x 1,200) pixels	2,304,000 (1,920 x 1,200) pixels
	Light output	Laser diodes	Laser diodes	Laser diodes	Laser diodes	Laser diodes
Time until light output declines to 50% ¹	Light output	20,000 lm / 21,000 lm (Center) ⁷	20,000 lm / 21,000 lm (Center) ⁷	16,000 lm / 16,800 lm (Center) ⁷	16,000 lm / 16,800 lm (Center) ⁷	14,000 lm / 14,700 lm (Center) ⁷
	Resolution	20,000 hours (NORMAL/QUIET)/ 24,000 hours (ECO)	20,000 hours (NORMAL/QUIET)/ 24,000 hours (ECO)	20,000 hours (NORMAL/QUIET)/ 24,000 hours (ECO)	20,000 hours (NORMAL/QUIET)/ 24,000 hours (ECO)	20,000 hours (NORMAL)/ 24,000 hours (ECO)
Screen size (diagonal)	Contrast ratio (full on/full off)	4K (3,840 x 2,400)	WUXGA (1,920 x 1,200)	4K (3,840 x 2,400)	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)
	Resolution	25,000:1	25,000:1	25,000:1	25,000:1	25,000:1
Filter Replacement Cycle	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: ±66 % ⁹ , Horizontal: ±24 % ⁹ (powered)	Vertical: ±66 % ⁹ , Horizontal: ±24 % ⁹ (powered)	Vertical: ±66 % ⁹ , Horizontal: ±24 % ⁹ (powered)	Vertical: ±66 % ⁹ , Horizontal: ±24 % ⁹ (powered)	Vertical: ±66 % ⁹ , Horizontal: ±24 % ⁹ (powered)
Terminals	Filter Replacement Cycle	- (No filter)	- (No filter)	- (No filter)	- (No filter)	- (No filter)
	Terminals	HDMI™ in [HDMI™ 19-pin x 2] DisplayPort in [DP-20P x 1] Multi Projector Sync in [BNC x 1] Multi Projector Sync out [BNC x 1] Serial in/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1] USB [USB type-A x 1] ¹⁰ DC out [USB type-A x 1 (DC 5 V, up to 2 A)] Slot [Slot x 1, Intel® SDM specification, for Function Boards (optional)]	HDMI™ in [HDMI™ 19-pin x 2] DisplayPort in [DP-20P 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/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1] USB [USB type-A x 1] ¹⁰ DC out [USB type-A x 1 (DC 5 V, up to 2 A)] Slot [Slot x 1, Intel® SDM specification, for Function Boards (optional)]	HDMI™ in [HDMI™ 19-pin x 2] DisplayPort in [DP-20P x 1] Multi Projector Sync in [BNC x 1] Multi Projector Sync out [BNC x 1] Serial in/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1] USB [USB type-A x 1] ¹⁰ DC out [USB type-A x 1 (DC 5 V, up to 2 A)] Slot [Slot x 1, Intel® SDM specification, for Function Boards (optional)]	HDMI™ in [HDMI™ 19-pin x 2] DisplayPort in [DP-20P 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/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1] USB [USB type-A x 1] ¹⁰ DC out [USB type-A x 1 (DC 5 V, up to 2 A)] Slot [Slot x 1, Intel® SDM specification, for Function Boards (optional)]	HDMI™ in [HDMI™ 19-pin x 2] DisplayPort in [DP-20P 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/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1] USB [USB type-A x 1] ¹⁰ DC out [USB type-A x 1 (DC 5 V, up to 2 A)] Slot [Slot x 1, Intel® SDM specification, for Function Boards (optional)]
Power supply	Power supply	AC100 V-120 V/AC 200 V-240 V, 50 Hz/60 Hz ¹¹	AC100 V-120 V/AC 200 V-240 V, 50 Hz/60 Hz ¹¹	AC100 V-120 V/AC 200 V-240 V, 50 Hz/60 Hz ¹¹	AC100 V-120 V/AC 200 V-240 V, 50 Hz/60 Hz ¹¹	AC100 V-120 V/AC 200 V-240 V, 50 Hz/60 Hz
	Maximum power consumption	AC 200 V-AC 240 V: 1,490 W (1,520 VA) AC 100 V-AC 120 V: 1,080 W (1,090 VA)	AC 200 V-AC 240 V: 1,470 W (1,520 VA) AC 100 V-AC 120 V: 1,060 W (1,090 VA)	AC 200 V-AC 240 V: 1,190 W (1,220 VA) AC 100 V-AC 120 V: 1,080 W (1,090 VA)	AC 200 V-AC 240 V: 1,170 W (1,220 VA) AC 100 V-AC 120 V: 1,060 W (1,090 VA)	AC 200 V-AC 240 V: 1,050 W (1,060 VA) AC 100 V-AC 120 V: 1,080 W (1,090 VA)
On-mode power consumption	On-mode power consumption	[NORMAL] 1,330 W [ECO] 1,040 W [QUIET] 1,030 W	[NORMAL] 1,310 W [ECO] 1,020 W [QUIET] 1,010 W	[NORMAL] 1,030 W [ECO] 820 W [QUIET] 810 W	[NORMAL] 1,010 W [ECO] 800 W [QUIET] 790 W	[NORMAL] 950 W [ECO] 780 W
	BTU value	Max. 5,091 BTU	Max. 5,023 BTU	Max. 4,066 BTU	Max. 3,998 BTU	Max. 3,691 BTU
Operation noise	Operation noise	46 dB (NORMAL/ECO), 43 dB (QUIET)	46 dB (NORMAL/ECO), 43 dB (QUIET)	43 dB (NORMAL/ECO), 40 dB (QUIET)	43 dB (NORMAL/ECO), 40 dB (QUIET)	40 dB (NORMAL/ECO)
	Dimensions (W x H ³ x D ⁴)	550 x 220 x 570 mm (21-5/8 x 8-11/16 x 22-7/16 in)	550 x 220 x 570 mm (21-5/8 x 8-11/16 x 22-7/16 in)	550 x 220 x 570 mm (21-5/8 x 8-11/16 x 22-7/16 in)	550 x 220 x 570 mm (21-5/8 x 8-11/16 x 22-7/16 in)	550 x 220 x 570 mm (21-5/8 x 8-11/16 x 22-7/16 in)
Weight ⁵	Weight ⁵	Approx. 35.0 kg/77.2 lbs	Approx. 35.0 kg/77.2 lbs	Approx. 35.0 kg/77.2 lbs	Approx. 35.0 kg/77.2 lbs	Approx. 35.0 kg/77.2 lbs
	Optional accessories	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PKD521B (Attachment for ceiling mount bracket) ET-D75MKS10 (Stepping Motor kit) ET-PLF10/PLF20 (Lens Fixed Attachment) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) AJ-WM50 (Wireless Module) ¹² TY-SB01QS (12G-SDI Input Board) TY-SB01DL (DIGITAL LINK Terminal Board) TY-SB01WP (Wireless Presentation System Receiver Board)	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PKD521B (Attachment for ceiling mount bracket) ET-D75MKS10 (Stepping Motor kit) ET-PLF10/PLF20 (Lens Fixed Attachment) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) AJ-WM50 (Wireless Module) ¹² TY-SB01QS (12G-SDI Input Board) TY-SB01DL (DIGITAL LINK Terminal Board) TY-SB01WP (Wireless Presentation System Receiver Board)	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PKD521B (Attachment for ceiling mount bracket) ET-D75MKS10 (Stepping Motor kit) ET-PLF10/PLF20 (Lens Fixed Attachment) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) AJ-WM50 (Wireless Module) ¹² TY-SB01QS (12G-SDI Input Board) TY-SB01DL (DIGITAL LINK Terminal Board) TY-SB01WP (Wireless Presentation System Receiver Board)	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PKD521B (Attachment for ceiling mount bracket) ET-D75MKS10 (Stepping Motor kit) ET-PLF10/PLF20 (Lens Fixed Attachment) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) AJ-WM50 (Wireless Module) ¹² TY-SB01QS (12G-SDI Input Board) TY-SB01DL (DIGITAL LINK Terminal Board) TY-SB01WP (Wireless Presentation System Receiver Board)	ET-PKD520H (High ceiling mount bracket) ET-PKD520S (Low ceiling mount bracket) ET-PKD521B (Attachment for ceiling mount bracket) ET-D75MKS10 (Stepping Motor kit) ET-PLF10/PLF20 (Lens Fixed Attachment) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) AJ-WM50 (Wireless Module) ¹² TY-SB01QS (12G-SDI Input Board) TY-SB01DL (DIGITAL LINK Terminal Board) TY-SB01WP (Wireless Presentation System Receiver Board)
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: P41)	Yes (see the Optional Lenses page: P41)	Yes (see the Optional Lenses page: P41)

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: excluding the feet and protrusions. 4: Depth: protruding parts not included. 5: Average value. Each product has an individual variable in weight. 6: Resolution 3,840 x 2,400 Pixels (QUAD PIXEL DRIVE: ON)

7: Luminance measured at center of screen. 8: 1.78-15.24 m (70-600 in) with the ET-D75LE8/D3LET80. 3.05-15.24 m (120-600 in) with the ET-D75LE95. 9: Vertical ±52 % and horizontal ±18 % with the ET-D75LE6/ET-D3LEW60. 10: For USB Memory Stick / optional Wireless Module (AJ-WM50) 11: The maximum light output is limited to approximately 15,000 lm. Under the following circumstances, maximum light output may be reduced. 12: Product availability may vary by country or region.

Installation



	PT-REQ15 PT-REQ15L ⁶	PT-REQ12 PT-REQ12L ⁶	PT-REQ10 PT-REQ10L ⁶	PT-REQ80 PT-REQ80L ⁶	PT-REZ15 PT-REZ15L ⁶
	15,000 lm/15,500 lm (Center) ⁷ 4K	12,000 lm / 12,400 lm (Center) ⁷ 4K	10,000 lm / 10,300 lm (Center) ⁷ 4K	8,000 lm / 8,200 lm (Center) ⁷ 4K	15,000 lm/15,500 lm (Center) ⁷ WUXGA
Projector type	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector
DLP chip	Panel size 20.3 mm (0.8 in)	Panel size 20.3 mm (0.8 in)	Panel size 20.3 mm (0.8 in)	Panel size 20.3 mm (0.8 in)	Panel size 20.3 mm (0.8 in)
	Aspect ratio 16:10	Aspect ratio 16:10	Aspect ratio 16:10	Aspect ratio 16:10	Aspect ratio 16:10
	Number of pixels 2,304,000 (1,920 x 1,200) pixels	Number of pixels 2,304,000 (1,920 x 1,200) pixels	Number of pixels 2,304,000 (1,920 x 1,200) pixels	Number of pixels 2,304,000 (1,920 x 1,200) pixels	Number of pixels 2,304,000 (1,920 x 1,200) pixels
Light source	Laser diode	Laser diode	Laser diode	Laser diode	Laser diode
Light output	15,000 lm / 15,500 lm (Center) ⁷	12,000 lm / 12,400 lm (Center) ⁷	10,000 lm / 10,300 lm (Center) ⁷	8,000 lm / 8,200 lm (Center) ⁷	15,000 lm / 15,500 lm (Center) ⁷
Time until light output declines to 50%¹	20,000 hours (NORMAL/QUIET)/ 24,000 hours (ECO)	20,000 hours (NORMAL/QUIET)/ 24,000 hours (ECO)	20,000 hours (NORMAL/QUIET)/ 24,000 hours (ECO)	20,000 hours (NORMAL/QUIET)/ 24,000 hours (ECO)	20,000 hours (NORMAL/QUIET)/ 24,000 hours (ECO)
Resolution	4K (3,840 x 2,400) ⁸	4K (3,840 x 2,400) ⁸	4K (3,840 x 2,400) ⁸	4K (3,840 x 2,400) ⁸	WUXGA (1,920 x 1,200)
Contrast ratio (full on/full off)	25,000:1	25,000:1	25,000:1	25,000:1	20,000:1
Screen size (diagonal)	1.78-25.4 m (70-1,000 in) ⁹	1.78-25.4 m (70-1,000 in) ⁹	1.78-25.4 m (70-1,000 in) ⁹	1.78-25.4 m (70-1,000 in) ⁹	1.78-25.4 m (70-1,000 in) ⁹
Lens (throw ratio)	F 1.84-2.31, f 23.9-37.2 mm (1.36-2.10:1) (PT-REQ15)	F 1.84-2.31, f 23.9-37.2 mm (1.36-2.10:1) (PT-REQ12)	F 1.84-2.31, f 23.9-37.2 mm (1.36-2.10:1) (PT-REQ10)	F 1.84-2.31, f 23.9-37.2 mm (1.36-2.10:1) (PT-REQ80)	F 1.84-2.31, f 23.9-37.2 mm (1.36-2.10:1) (PT-REZ15)
Lens shift²	Vertical: ±60 % ¹⁰ , Horizontal: ±29 % ¹¹ (powered)	Vertical: ±60 % ¹⁰ , Horizontal: ±29 % ¹¹ (powered)	Vertical: ±60 % ¹⁰ , Horizontal: ±29 % ¹¹ (powered)	Vertical: ±60 % ¹⁰ , Horizontal: ±29 % ¹¹ (powered)	Vertical: ±60 % ¹⁰ , Horizontal: ±29 % ¹¹ (powered)
Filter Replacement Cycle	- (No filter)	- (No filter)	- (No filter)	- (No filter)	- (No filter)
Terminals	HDMI™ in [HDMI™ 19-pin x 2] DisplayPort in [DP-20P x 1] Multi Projector Sync in/out [BNC x 2] Serial in/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] Remote out [M3 x 1] LAN [RJ-45 x 1] USB [USB type-A x 1] ¹² DC out [USB type-A x 1 (DC 5 V, up to 2 A)] Slot [Slot x 1, Intel® SDM specification, for Function Boards (optional)]	HDMI™ in [HDMI™ 19-pin x 2] DisplayPort in [DP-20P x 1] Multi Projector Sync in/out [BNC x 2] Serial in/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] Remote out [M3 x 1] LAN [RJ-45 x 1] USB [USB type-A x 1] ¹² DC out [USB type-A x 1 (DC 5 V, up to 2 A)] Slot [Slot x 1, Intel® SDM specification, for Function Boards (optional)]	HDMI™ in [HDMI™ 19-pin x 2] DisplayPort in [DP-20P x 1] Multi Projector Sync in/out [BNC x 2] Serial in/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] Remote out [M3 x 1] LAN [RJ-45 x 1] USB [USB type-A x 1] ¹² DC out [USB type-A x 1 (DC 5 V, up to 2 A)] Slot [Slot x 1, Intel® SDM specification, for Function Boards (optional)]	HDMI™ in [HDMI™ 19-pin x 2] DisplayPort in [DP-20P x 1] Multi Projector Sync in/out [BNC x 2] Serial in/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] Remote out [M3 x 1] LAN [RJ-45 x 1] USB [USB type-A x 1] ¹² DC out [USB type-A x 1 (DC 5 V, up to 2 A)] Slot [Slot x 1, Intel® SDM specification, for Function Boards (optional)]	HDMI™ in [HDMI™ 19-pin x 2] DisplayPort in [DP-20P x 1] Multi Projector Sync in/out [BNC x 2] Serial in/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] Remote out [M3 x 1] LAN [RJ-45 x 1] USB [USB type-A x 1] ¹² DC out [USB type-A x 1 (DC 5 V, up to 2 A)] Slot [Slot x 1, Intel® SDM specification, for Function Boards (optional)]
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
Maximum power consumption	1,140 W	1,030 W	870 W	760 W	1,090 W
On-mode power consumption	[NORMAL] 985 W (AC 100-120 V), 940 W (AC 200-240 V) [ECO] 765 W (AC 100-120 V), 735 W (AC 200-240 V) [QUIET] 760 W (AC 100-120 V), 730 W (AC 200-240 V)	[NORMAL] 880 W (AC 100-120 V), 840 W (AC 200-240 V) [ECO] 680 W (AC 100-120 V), 655 W (AC 200-240 V) [QUIET] 670 W (AC 100-120 V), 645 W (AC 200-240 V)	[NORMAL] 725 W (AC 100-120 V), 695 W (AC 200-240 V) [ECO] 565 W (AC 100-120 V), 545 W (AC 200-240 V) [QUIET] 555 W (AC 100-120 V), 535 W (AC 200-240 V)	[NORMAL] 595 W (AC 100-120 V), 575 W (AC 200-240 V) [ECO] 470 W (AC 100-120 V), 455 W (AC 200-240 V) [QUIET] 465 W (AC 100-120 V), 450 W (AC 200-240 V)	[NORMAL] 945 W (AC 100-120 V), 900 W (AC 200-240 V) [ECO] 730 W (AC 100-120 V), 700 W (AC 200-240 V) [QUIET] 725 W (AC 100-120 V), 695 W (AC 200-240 V)
BTU value	Max. 3,890 BTU	Max. 3,515 BTU	Max. 2,970 BTU	Max. 2,594 BTU	Max. 3,720 BTU
Operation noise	42 dB (NORMAL/ECO), 38 dB (QUIET)	38 dB (NORMAL/ECO), 35 dB (QUIET)	36 dB (NORMAL/ECO), 33 dB (QUIET)	35 dB (NORMAL/ECO), 32 dB (QUIET)	42 dB (NORMAL/ECO), 38 dB (QUIET)
Dimensions (W x H³ x D⁴)	498 x 212 x 648 mm (19-19/32 x 8-11/32 x 25-1/2 in)	498 x 212 x 648 mm (19-19/32 x 8-11/32 x 25-1/2 in)	498 x 212 x 648 mm (19-19/32 x 8-11/32 x 25-1/2 in)	498 x 212 x 648 mm (19-19/32 x 8-11/32 x 25-1/2 in)	498 x 212 x 648 mm (19-19/32 x 8-11/32 x 21-3/16 in)
Weight⁵	Approx. 28.7 kg/63.3 lbs (27.0 kg/59.5 lbs ⁶)	Approx. 28.7 kg/63.3 lbs (27.0 kg/59.5 lbs ⁶)	Approx. 28.7 kg/63.3 lbs (27.0 kg/59.5 lbs ⁶)	Approx. 28.7 kg/63.3 lbs (27.0 kg/59.5 lbs ⁶)	Approx. 28.7 kg/63.3 lbs (27.0 kg/59.5 lbs ⁶)
Optional accessories	ET-PKD130H (High ceiling mount bracket) 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) AJ-WM50 (Wireless Module) ¹³ ET-NUK10 (NFC Upgrade Kit) ¹³ ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) TY-SB01QS (12G-SDI Terminal Board) TY-SB01DL (DIGITAL LINK Terminal Board) TY-SB01WP (Wireless Presentation System Receiver Board)	ET-PKD130H (High ceiling mount bracket) 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) AJ-WM50 (Wireless Module) ¹³ ET-NUK10 (NFC Upgrade Kit) ¹³ ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) TY-SB01QS (12G-SDI Terminal Board) TY-SB01DL (DIGITAL LINK Terminal Board) TY-SB01WP (Wireless Presentation System Receiver Board)	ET-PKD130H (High ceiling mount bracket) 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) AJ-WM50 (Wireless Module) ¹³ ET-NUK10 (NFC Upgrade Kit) ¹³ ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) TY-SB01QS (12G-SDI Terminal Board) TY-SB01DL (DIGITAL LINK Terminal Board) TY-SB01WP (Wireless Presentation System Receiver Board)	ET-PKD130H (High ceiling mount bracket) 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) AJ-WM50 (Wireless Module) ¹³ ET-NUK10 (NFC Upgrade Kit) ¹³ ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) TY-SB01QS (12G-SDI Terminal Board) TY-SB01DL (DIGITAL LINK Terminal Board) TY-SB01WP (Wireless Presentation System Receiver Board)	ET-PKD130H (High ceiling mount bracket) 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) AJ-WM50 (Wireless Module) ¹³ ET-NUK10 (NFC Upgrade Kit) ¹³ ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) TY-SB01QS (12G-SDI Terminal Board) TY-SB01DL (DIGITAL LINK Terminal Board) TY-SB01WP (Wireless Presentation System Receiver Board)
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: 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: Lumiance measured at center of screen. 8: With Quad Pixel Drive. ON. 9: With the supplied lens (ET-C15600). 10: Vertical ±50 % with the ET-C1W300/C1U100. 11: Horizontal ±23 % with the ET-C1W300/C1U100. 12: For USB Memory Stick / optional Wireless Module (AJ-WM50) 13: Product availability may vary by country or region. To use NFC function, Smart Projector Control App is required.

Installation



PT-REZ12 PT-REZ12L⁶



12,000 lm / 12,400 lm (Center)⁷ | WUXGA
* Available in black/white cabinet.



PT-REZ10 PT-REZ10L⁶



10,000 lm / 10,300 lm (Center)⁷ | WUXGA
* Available in black/white cabinet.



PT-REZ80 PT-REZ80L⁶



8,000 lm / 8,200 lm (Center)⁷ | WUXGA
* Available in black/white cabinet.



PT-RZ790 PT-RZ790L⁶



7,000 lm / 7,200 lm (Center)⁷ | WUXGA
* Available in black/white cabinet.



PT-RZ690 PT-RZ690L⁶



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
DLP chip	Panel size 20.3 mm (0.8 in) 16:10 Number of pixels 2,304,000 (1,920 x 1,200) pixels	Panel size 20.3 mm (0.8 in) 16:10 Number of pixels 2,304,000 (1,920 x 1,200) pixels	Panel size 20.3 mm (0.8 in) 16:10 Number of pixels 2,304,000 (1,920 x 1,200) pixels	Panel size 17.0 mm (0.67 in) 16:10 Number of pixels 2,304,000 (1,920 x 1,200) pixels	Panel size 17.0 mm (0.67 in) 16:10 Number of pixels 2,304,000 (1,920 x 1,200) pixels
Light source	Laser diode	Laser diode	Laser diode	Laser diode	Laser diode
Light output	12,000 lm / 12,400 lm (Center) ⁷	10,000 lm / 10,300 lm (Center) ⁷	8,000 lm / 8,200 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/QUIET)/ 24,000 hours (ECO)	20,000 hours (NORMAL/QUIET)/ 24,000 hours (ECO)	20,000 hours (NORMAL/QUIET)/ 24,000 hours (ECO)	20,000 hours (NORMAL)/ 24,000 hours (ECO)	20,000 hours (NORMAL)/ 24,000 hours (ECO)
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)	WUXGA (1,920 x 1,200)
Contrast ratio (full on/full off)	20,000:1	20,000:1	20,000:1	10,000:1	10,000:1
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	1.27-15.24 m (50-600 in) ¹⁴	1.27-15.24 m (50-600 in) ¹⁴
Lens (throw ratio)	F 1.84-2.31, f 23.9-37.2 mm (1.36-2.10:1) (PT-REZ12)	F 1.84-2.31, f 23.9-37.2 mm (1.36-2.10:1) (PT-REZ10)	F 1.84-2.31, f 23.9-37.2 mm (1.36-2.10:1) (PT-REZ80)	F 1.7-1.9, f 25.6-35.7 mm (1.71-2.41:1) (PT-RZ790)	F 1.7-1.9, f 25.6-35.7 mm (1.71-2.41:1) (PT-RZ690)
Lens shift²	Vertical: ±60 % ⁹ , Horizontal: ±29 % ¹⁰ (powered)	Vertical: ±60 % ⁹ , Horizontal: ±29 % ¹⁰ (powered)	Vertical: ±60 % ⁹ , Horizontal: ±29 % ¹⁰ (powered)	Vertical: +50 %/-16 % ¹⁵ , Horizontal: +30 %/-10 % ¹⁶ (powered)	Vertical: +50 %/-16 % ¹⁵ , Horizontal: +30 %/-10 % ¹⁶ (powered)
Filter Replacement Cycle	- (No filter)	- (No filter)	- (No filter)	- (No filter)	- (No filter)
Terminals	HDMI™ in [HDMI™ 19-pin x 2] DisplayPort in [DP-20P x 1] Multi Projector Sync in/out [BNC x 2] Serial in/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] Remote out [M3 x 1] LAN [RJ-45 x 1] USB [USB type-A x 1] ¹¹ DC out [USB type-A x 1 (DC 5 V, up to 2 A)] Slot [Slot x 1, Intel® SDM specification, for Function Boards (optional)]	HDMI™ in [HDMI™ 19-pin x 2] DisplayPort in [DP-20P x 1] Multi Projector Sync in/out [BNC x 2] Serial in/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] Remote out [M3 x 1] LAN [RJ-45 x 1] USB [USB type-A x 1] ¹¹ DC out [USB type-A x 1 (DC 5 V, up to 2 A)] Slot [Slot x 1, Intel® SDM specification, for Function Boards (optional)]	HDMI™ in [HDMI™ 19-pin x 2] DisplayPort in [DP-20P x 1] Multi Projector Sync in/out [BNC x 2] Serial in/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] Remote out [M3 x 1] LAN [RJ-45 x 1] USB [USB type-A x 1] ¹¹ DC out [USB type-A x 1 (DC 5 V, up to 2 A)] Slot [Slot x 1, Intel® SDM specification, for Function 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] Serial in/out [D-sub 9-pin x 2 (RS-232C)] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Serial/Multi Projector Sync in/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1] LAN [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] Serial in/out [D-sub 9-pin x 2 (RS-232C)] RGB 1 in [BNC x 5] RGB 2 in [D-sub HD 15-pin x 1] Serial/Multi Projector Sync in/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in/out [M3 x 2] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1] LAN [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	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
Maximum power consumption	995 W	840 W	730 W	630 W	565 W
On-mode power consumption	[NORMAL] 850 W (AC 100-120 V), 810 W (AC 200-240 V) [ECO] 650 W (AC 100-120 V), 625 W (AC 200-240 V) [QUIET] 640 W (AC 100-120 V), 615 W (AC 200-240 V)	[NORMAL] 700 W (AC 100-120 V), 675 W (AC 200-240 V) [ECO] 540 W (AC 100-120 V), 525 W (AC 200-240 V) [QUIET] 530 W (AC 100-120 V), 515 W (AC 200-240 V)	[NORMAL] 570 W (AC 100-120 V), 540 W (AC 200-240 V) [ECO] 440 W (AC 100-120 V), 425 W (AC 200-240 V) [QUIET] 435 W (AC 100-120 V), 420 W (AC 200-240 V)	[NORMAL] 545 W [ECO] 435 W	[NORMAL] 490 W [ECO] 395 W
BTU value	Max. 3,395 BTU	Max. 2,866 BTU	Max. 2,491 BTU	Max. 2,151 BTU	Max. 1,929 BTU
Operation noise	38 dB (NORMAL/ECO), 35 dB (QUIET)	36 dB (NORMAL/ECO), 33 dB (QUIET)	35 dB (NORMAL/ECO), 32 dB (QUIET)	36 dB (NORMAL)/35 dB (QUIET)	36 dB (NORMAL)/35 dB (QUIET)
Dimensions (W x H³ x D⁴)	498 x 212 x 648 mm (19-19/32 x 8-11/32 x 21-3/16 in)	498 x 212 x 648 mm (19-19/32 x 8-11/32 x 21-3/16 in)	498 x 212 x 648 mm (19-19/32 x 8-11/32 x 21-3/16 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)
Weight⁵	Approx. 28.7 kg/63.3 lbs (27.0 kg/59.5 lbs ⁶)	Approx. 28.7 kg/63.3 lbs (27.0 kg/59.5 lbs ⁶)	Approx. 28.7 kg/63.3 lbs (27.0 kg/59.5 lbs ⁶)	Approx. 22.1 kg/48.7 lbs (21.3 kg/47.0 lbs ⁶)	Approx. 22.1 kg/48.7 lbs (21.3 kg/47.0 lbs ⁶)
Optional accessories	ET-PKD130H (High ceiling mount bracket) 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) AJ-WM50 (Wireless Module) ¹² ET-NUK10 (NFC Upgrade Kit) ¹² ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) TY-SB01QS (12G-SDI Terminal Board) TY-SB01DL (DIGITAL LINK Terminal Board) TY-SB01WP (Wireless Presentation System Receiver Board)	ET-PKD130H (High ceiling mount bracket) 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) AJ-WM50 (Wireless Module) ¹² ET-NUK10 (NFC Upgrade Kit) ¹² ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) TY-SB01QS (12G-SDI Terminal Board) TY-SB01DL (DIGITAL LINK Terminal Board) TY-SB01WP (Wireless Presentation System Receiver Board)	ET-PKD130H (High ceiling mount bracket) 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) AJ-WM50 (Wireless Module) ¹² ET-NUK10 (NFC Upgrade Kit) ¹² ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) TY-SB01QS (12G-SDI Terminal Board) TY-SB01DL (DIGITAL LINK Terminal Board) TY-SB01WP (Wireless Presentation System Receiver Board)	ET-PKD130H (High ceiling mount bracket) ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) (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-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) (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: P43)	Yes (see the Optional Lenses page: P43)	Yes (see the Optional Lenses page: P43)	Yes (see the Optional Lenses page: P45)	Yes (see the Optional Lenses page: P45)

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 the supplied lens (ET-C1S600). 9: Vertical ±50 % with the ET-C1W300/C1U100.

10: Horizontal ±23 % with the ET-C1W300/C1U100. 11: For USB Memory Stick / optional Wireless Module (AJ-WM50) 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: 1.27-5.08 m (50-200 in) with the ET-DLE055. 2.54-10.16 m (100-400 in) with the ET-DLE020. 2.54-8.89 m (100-350 in) with the ET-DLE035. 15: Vertical +40 %/-16 % with the ET-DLE060. 16: Horizontal +10 %/-20 % with the ET-DLE020, +19 %/-10 % with the ET-DLE060, +28 %/-10 % with the ET-DLE105/ET-DLE085.

Installation




























	PT-FRQ60	PT-FRQ50	PT-FRZ60 ⁸	PT-FRZ50 ⁸	PT-FRZ55 ⁸
	 <p>6,000 lm / 6,200 lm (Center)⁶ 4K⁵ * Available in black/white cabinet.</p> 	 <p>5,200 lm / 5,400 lm (Center)⁶ 4K⁵ * Available in black/white cabinet.</p> 	 <p>6,000 lm / 6,200 lm (Center)⁶ WUXGA * Available in black/white cabinet.</p> 	 <p>5,200 lm / 5,400 lm (Center)⁶ WUXGA * Available in black/white cabinet.</p> 	 <p>5,000 lm / 5,200 lm (Center)⁶ WUXGA</p> 
Projector type	1-Chip DLP™ Projector				
DLP chip	Panel size	16.5 mm (0.65 in)	16.5 mm (0.65 in)	17.0 mm (0.67 in)	17.0 mm (0.67 in)
	Aspect ratio	16:9	16:9	16:10	16:10
	Number of pixels	2,073,600 (1,920 x 1,080 pixels)	2,073,600 (1,920 x 1,080 pixels)	2,304,000 (1,920 x 1,200) pixels	2,304,000 (1,920 x 1,200) pixels
Light source	Laser diode				
Light output	6,000 lm / 6,200 lm (Center) ⁶				
Time until light output declines to 50%¹	20,000 hours (NORMAL)/ 24,000 hours (ECO)/ 20,000 hours (QUIET)				
Resolution	4K (3,840 x 2,160)				
Contrast ratio (full on/full off)	20,000:1				
Screen size (diagonal)	1.02-7.62 m (40-300 in)				
Lens (throw ratio)	F 2.0-3.4, f 21.5-43.0 mm (1.46-2.93:1)				
Lens shift²	Vertical: +71 %/-48 %, Horizontal: +34 %/-27 % (manual)				
Filter Replacement Cycle	- (No filter)				
Terminals	HDMI™ in [HDMI™ 19-pin x 2] Computer in [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Audio in [M3 x 1] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] USB (DC out) [USB type-A x 1] ⁷				
Power supply	100-240 V AC, 50/60 Hz				
Maximum power consumption	505 W				
On-mode power consumption	[NORMAL] 445 W [ECO] 355 W [QUIET] 355 W				
BTU value	Max. 1,775 BTU				
Operation noise	36 dB (NORMAL/ECO)/31 dB (QUIET)				
Dimensions (W x H³ x D)	498 x 168 x 492 mm (19-5/8 x 6-5/8 x 19-3/8 in)				
Weight⁴	Approx. 16.4 kg/36.2 lbs				
Optional accessories	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) AJ-WM50 (Wireless Module) ⁸				
Optional lens	-				

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: Resolution 3,840 x 2,160 Pixels (with Quad Pixel Drive) 6: Luminance measured at center of screen. 7: For USB Memory Stick / optional Wireless Module (AJ-WM50) and for power supply (DC 5V up to 2A) 8: The availability varies depending on the country. 9: HDMI™/DIGITAL LINK input only.

Installation



	PT-MZ20KL 	PT-MZ17KL 	PT-MZ14KL 	PT-MZ11KL 	PT-MZ882 NEW 
	 <p>20,000 lm WUXGA</p> <p>* Lens sold separately.* Available in black/white cabinet.</p>   	 <p>16,500 lm WUXGA</p> <p>* Lens sold separately.* Available in black/white cabinet.</p>   	 <p>14,000 lm WUXGA</p> <p>* Lens sold separately.* Available in black/white cabinet.</p>   	 <p>11,000 lm WUXGA</p> <p>* Lens sold separately.* Available in black/white cabinet.</p>   	 <p>8,200 lm WUXGA</p> <p>* Available in black/white cabinet.</p>   
Projector type	LCD Projector				
LCD panel	Panel size	25.4 mm (1.0 in)	25.4 mm (1.0 in)	25.4 mm (1.0 in)	25.4 mm (1.0 in)
	Aspect ratio	16:10	16:10	16:10	16:10
	Number of pixels	2,304,000 (1,920 x 1,200) pixels	2,304,000 (1,920 x 1,200) pixels	2,304,000 (1,920 x 1,200) pixels	2,304,000 (1,920 x 1,200) pixels
Light source	Laser diode				
Light output	20,000 lm	16,500 lm	14,000 lm	11,000 lm	8,200 lm
Time until light output declines to 50%¹	20,000 hours (NORMAL/QUIET)				
Resolution	WUXGA (1,920 x 1,200)				
Contrast ratio (full on/full off)	3,000,000:1				
Screen size (diagonal)	2.03-15.24 m (80-600 in) ⁷				
Lens (throw ratio)	Optional zoom lens				
Lens shift²	Vertical: ±60 % ⁸ , Horizontal: ±20 % ⁸ (powered)				
Filter Replacement Cycle	20,000 hours				
Terminals	SDI in [BNC x 1 (3G/HD-SDI)] HDMI™ in [HDMI™ 19-pin x 2] Serial/Multi Projector Sync in/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] Remote out [M3 x 1] LAN/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] USB [USB type A x 1] ⁹ DC out [USB type-A x 1 (DC 5 V, up to 2 A)]	SDI in [BNC x 1 (3G/HD-SDI)] HDMI™ in [HDMI™ 19-pin x 2] Serial/Multi Projector Sync in/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] Remote out [M3 x 1] LAN/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] USB [USB type A x 1] ⁹ DC out [USB type-A x 1 (DC 5 V, up to 2 A)]	SDI in [BNC x 1 (3G/HD-SDI)] HDMI™ in [HDMI™ 19-pin x 2] Serial/Multi Projector Sync in/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] Remote out [M3 x 1] LAN/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] USB [USB type A x 1] ⁹ DC out [USB type-A x 1 (DC 5 V, up to 2 A)]	SDI in [BNC x 1 (3G/HD-SDI)] HDMI™ in [HDMI™ 19-pin x 2] Serial/Multi Projector Sync in/out [D-sub 9-pin x 2 (RS-232C)] Remote 1 in [D-sub 9-pin x 1] Remote 2 in [M3 x 1] Remote out [M3 x 1] LAN/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] USB [USB type A x 1] ⁹ DC out [USB type-A x 1 (DC 5 V, up to 2 A)]	HDMI™ in [HDMI™ 19-pin x 3] Computer in [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Serial/Multi Sync in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [D-sub 9-pin x 1 (RS-232C)] Multi Sync out [D-sub 9-pin x 1] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] Audio in/out [M3 x 2] LAN/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] DC out [USB type-A x 1 (DC 5 V, up to 2 A)]
Power supply	100-240 V AC, 50/60 Hz				
Maximum power consumption	1,100 W				
On-mode power consumption	[NORMAL] 1,050 W (AC 100-120 V), 1,000 W (AC 200-240 V) [QUIET] 630 W (AC 100-120 V), 610 W (AC 200-240 V)	[NORMAL] 880 W (AC 100-120 V), 850 W (AC 200-240 V) [QUIET] 580 W (AC 100-120 V), 560 W (AC 200-240 V)	[NORMAL] 720 W (AC 100-120 V), 690 W (AC 200-240 V) [QUIET] 460 W (AC 100-120 V), 445 W (AC 200-240 V)	[NORMAL] 540 W (AC 100-120 V), 520 W (AC 200-240 V) [QUIET] 360 W (AC 100-120 V), 340 W (AC 200-240 V)	[NORMAL] 415 W (100-120 V), 395 W (200-240 V) [ECO] 295 W (100-120 V), 285 W (200-240 V) [QUIET] 290 W (100-120 V), 280 W (200-240 V)
BTU value	Max. 3,754 BTU				
Operation noise	42 dB (NORMAL), 36 dB (QUIET)				
Dimensions (W x H³ x D⁴)	650 x 211 x 440 mm (25-19/32 x 8-5/16 x 17-5/16 in)				
Weight⁵	Approx. 23.0 kg/50.7 lbs				
Optional accessories	ET-PKD130H (High ceiling mount bracket) 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) AJ-WM50 (Wireless Module) ¹⁰ ET-NUK10 (NFC Upgrade Kit) ¹⁰	ET-PKD130H (High ceiling mount bracket) 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) AJ-WM50 (Wireless Module) ¹⁰ ET-NUK10 (NFC Upgrade Kit) ¹⁰	ET-PKD130H (High ceiling mount bracket) 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) AJ-WM50 (Wireless Module) ¹⁰ ET-NUK10 (NFC Upgrade Kit) ¹⁰	ET-PKD130H (High ceiling mount bracket) 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) AJ-WM50 (Wireless Module) ¹⁰ ET-NUK10 (NFC Upgrade Kit) ¹⁰	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)
Optional lens	Yes (see the Optional Lenses page: P47)				

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: Not including lens or protruding parts. 5: Average value. Each product has an individual variable in weight. 6: HDMI™/DIGITAL LINK input only. 7: 2.54-10.16 m [100-400 in] (with ET-EMU100) 8: Vertical +50 %, -20% and horizontal ±20 % with the ET-EMU100. Vertical ±40% and horizontal ±19 % with the ET-EMW200. Vertical ±50% and horizontal ±20 % with the ET-EMW300.

9: For USB Memory Stick / optional Wireless Module (AJ-WM50) 10: Product availability may vary by country or region. To use NFC function, Smart Projector Control App is required. 11: 2.54-10.16 m [100-400 in] (with ET-EMU100), 2.03-12.7 m [80-500 in] (with ET-EMT800) 12: 1.52-10.16 m [60-400 in] (with ET-ELW22), 2.54-10.16 m [100-400 in] (with ET-ELU20) 13: Vertical ±60 % and horizontal ±30 % with the ET-ELW22. Vertical ±50 % and horizontal ±24 % with the ET-ELU20.

Installation



PT-MZ782 **NEW**

7,500 lm WUXGA
*Available in black/white cabinet.

PT-MZ682 **NEW**

6,500 lm WUXGA
*Available in black/white cabinet.

PT-MZ880⁹

8,000 lm WUXGA
*Available in black/white cabinet.

PT-MZ780⁹

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

PT-MZ680⁹







6,000 lm WUXGA
*Available in black/white cabinet.

Projector type	LCD Projector	LCD Projector	LCD Projector	LCD Projector	LCD Projector
LCD panel	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	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
Light source	Laser diode	Laser diode	Laser diode	Laser diode	Laser diode
Light output	7,500 lm	6,500 lm	8,000 lm	7,000 lm	6,000 lm
Time until light output declines to 50%¹	20,000 hours (NORMAL/QUIET)/ 24,000 hours (ECO)	20,000 hours (NORMAL/QUIET)/ 24,000 hours (ECO)	20,000 hours (NORMAL/QUIET)/ 24,000 hours (ECO)	20,000 hours (NORMAL/QUIET)/ 24,000 hours (ECO)	20,000 hours (NORMAL/QUIET)/ 24,000 hours (ECO)
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)	WUXGA (1,920 x 1,200)
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)	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	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, f 26.8-45.5 mm (1.6-2.8:1)	F 1.7-2.3, f 26.8-45.5 mm (1.6-2.8:1)	F 1.7-2.3, f 26.8-45.5 mm (1.6-2.8:1)	F 1.7-2.3, f 26.8-45.5 mm (1.6-2.8:1)	F 1.7-2.3, f 26.8-45.5 mm (1.6-2.8:1)
Lens shift²	Vertical: ±67 % ⁸ , Horizontal: ±35 % ⁸ (powered)	Vertical: ±67 % ⁸ , Horizontal: ±35 % ⁸ (powered)	Vertical: ±67 % ⁸ , Horizontal: ±35 % ⁸ (powered)	Vertical: ±67 % ⁸ , Horizontal: ±35 % ⁸ (powered)	Vertical: ±67 % ⁸ , Horizontal: ±35 % ⁸ (powered)
Filter Replacement Cycle	20,000 hours	20,000 hours	20,000 hours	20,000 hours	20,000 hours
Terminals	HDMI™ in [HDMI™ 19-pin x 3] Computer in [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Serial/Multi Sync in [D-sub 9-pin x 1 (RS-232C)] Multi Sync out [D-sub 9-pin x 1] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] Audio in/out [M3 x 2] LAN/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] DC out [USB type-A x 1 (DC 5 V, up to 2 A)]	HDMI™ in [HDMI™ 19-pin x 3] Computer in [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Serial/Multi Sync in [D-sub 9-pin x 1 (RS-232C)] Multi Sync out [D-sub 9-pin x 1] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] Audio in/out [M3 x 2] LAN/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] DC out [USB type-A x 1 (DC 5 V, up to 2 A)]	HDMI™ in [HDMI™ 19-pin x 3] Computer in [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Serial/Multi Sync in [D-sub 9-pin x 1 (RS-232C)] Multi Sync out [D-sub 9-pin x 1] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] Audio in/out [M3 x 2] LAN/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] DC out [USB type-A x 1 (DC 5 V, up to 2 A)]	HDMI™ in [HDMI™ 19-pin x 3] Computer in [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Serial/Multi Sync in [D-sub 9-pin x 1 (RS-232C)] Multi Sync out [D-sub 9-pin x 1] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] Audio in/out [M3 x 2] LAN/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] DC out [USB type-A x 1 (DC 5 V, up to 2 A)]	HDMI™ in [HDMI™ 19-pin x 3] Computer in [D-sub HD 15-pin x 1] Monitor out [D-sub HD 15-pin x 1] Serial/Multi Sync in [D-sub 9-pin x 1 (RS-232C)] Multi Sync out [D-sub 9-pin x 1] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] Audio in/out [M3 x 2] LAN/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] DC out [USB type-A x 1 (DC 5 V, up to 2 A)]
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
Maximum power consumption	435 W	360 W	490 W	435 W	360 W
On-mode power consumption	[NORMAL] 385 W (100-120 V), 365 W (200-240 V) [ECO] 275 W (100-120 V), 265 W (200-240 V) [QUIET] 275 W (100-120 V), 265 W (200-240 V)	[NORMAL] 325 W (100-120 V), 310 W (200-240 V) [ECO] 240 W (100-120 V), 230 W (200-240 V) [QUIET] 235 W (100-120 V), 225 W (200-240 V)	[NORMAL] 435 W (100-120 V), 415 W (200-240 V) [ECO] 315 W (100-120 V), 300 W (200-240 V) [QUIET] 310 W (100-120 V), 295 W (200-240 V)	[NORMAL] 395 W (100-120 V), 375 W (200-240 V) [ECO] 285 W (100-120 V), 275 W (200-240 V) [QUIET] 280 W (100-120 V), 270 W (200-240 V)	[NORMAL] 330 W (100-120 V), 315 W (200-240 V) [ECO] 240 W (100-120 V), 230 W (200-240 V) [QUIET] 238 W (100-120 V), 228 W (200-240 V)
BTU value	Max. 1,485 BTU	Max. 1,229 BTU	Max. 1,675 BTU	Max. 1,485 BTU	Max. 1,230 BTU
Operation noise	32 dB (NORMAL/ECO)/ 26 dB (QUIET)	32 dB (NORMAL/ECO)/ 25 dB (QUIET)	34 dB (NORMAL/ECO)/ 27 dB (QUIET)	32 dB (NORMAL/ECO)/ 26 dB (QUIET)	32 dB (NORMAL/ECO)/ 26 dB (QUIET)
Dimensions (W x H³ x D⁴)	561 x 224 x 439 mm (22-3/32 x 8-13/16 x 17-9/32 in)	561 x 224 x 439 mm (22-3/32 x 8-13/16 x 17-9/32 in)	561 x 224 x 439 mm (22-3/32 x 8-13/16 x 17-9/32 in)	561 x 224 x 439 mm (22-3/32 x 8-13/16 x 17-9/32 in)	561 x 224 x 439 mm (22-3/32 x 8-13/16 x 17-9/32 in)
Weight⁵	Approx. 18.6 kg/41.0 lbs	Approx. 17.6 kg/38.8 lbs	Approx. 18.6 kg/41.0 lbs	Approx. 18.6 kg/41.0 lbs	Approx. 17.6 kg/38.8 lbs
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-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-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-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-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)
Optional lens	Yes (see the Optional Lenses page: P49)	Yes (see the Optional Lenses page: P49)	Yes (see the Optional Lenses page: P49)	Yes (see the Optional Lenses page: P49)	Yes (see the Optional Lenses page: P49)

1: After approximately 20,000 hours, cleaning needs to be performed (by the vendor which you purchased from). The light source's lifetime may be shortened due to environmental conditions and operating mode. 2: The lens shift cannot be used with a fixed-focus lens. 3: Height: with legs at shortest position. 4: Depth: Including lens and protruding parts.

5: Average value. Each product has an individual variable in weight. 6: HDMI™/DIGITAL LINK input only. 7: 1.52-10.16 m [60-400 in] (with ET-ELW22), 2.54-10.16 m [100-400 in] (with ET-ELU20) 8: Vertical ±60 % and horizontal ±30 % with the ET-ELW22. Vertical ±50 % and horizontal ±24 % with the ET-ELU20. 9: The availability varies depending on the country.

Installation

		PT-EZ770Z PT-EZ770ZL ⁶	PT-EW730Z PT-EW730ZL ⁶	PT-EX800Z PT-EX800ZL ⁶
		 6,500 lm WUXGA 	 7,000 lm WXGA 	 7,500 lm XGA 
Projector type		LCD Projector	LCD Projector	LCD Projector
LCD panel	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	1,024,000 (1,280 x 800) pixels	786,432 (1,024 x 768) pixels
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, f 26.9-45.4 mm (1.7-2.8:1) (PT-EZ770Z)	F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) (PT-EW730Z)	F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) (PT-EX800Z)
Lens shift²		Vertical: ±60 %, Horizontal: ±10 % (powered)	Vertical: ±60 %, Horizontal: ±10 % (powered)	Vertical: ±50 %, Horizontal: ±10 % (powered)
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
Maximum 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 H³ x D⁴)		530 x 177 x 445 mm (20-7/8 x 6-31/32 x 17-17/32 in)	530 x 177 x 445 mm (20-7/8 x 6-31/32 x 17-17/32 in)	530 x 177 x 445 mm (20-7/8 x 6-31/32 x 17-17/32 in)
Weight⁵		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: P49)	Yes (see the Optional Lenses page: P49)	Yes (see the Optional Lenses page: P49)

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: Not including lens or protruding parts.
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.

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

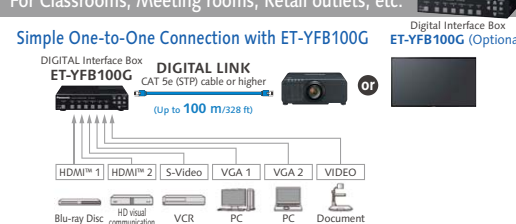
Flexible Expandability with ET-YFB200G



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 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)
DIGITAL LINK CAT 5e (STP) cable or higher
Up to 100 m (328 ft)
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 >> https://docs.connect.panasonic.com/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://docs.connect.panasonic.com/prodisplays/solutions/technology/digital_link/

Note: For DIGITAL LINK-ready models, see the "Function" column of the Feature Compatibility Chart on page 51 to 56.

Installation

	PT-EZ590 PT-EZ590L ⁵	PT-EW650 PT-EW650L ⁵	PT-EW550 PT-EW550L ⁵	PT-EX620 PT-EX620L ⁵	PT-EX520 PT-EX520L ⁵
	 5,400 lm WUXGA 	 5,800 lm WXGA 	 5,000 lm WXGA 	 6,200 lm XGA 	 5,300 lm XGA 
Projector type	LCD Projector	LCD Projector	LCD Projector	LCD Projector	LCD Projector
LCD panel	Panel size 16.3 mm (0.64 in) Aspect ratio 16:10 Number of pixels 2,304,000 (1,920 x 1,200) pixels	Panel size 16.3 mm (0.64 in) Aspect ratio 16:10 Number of pixels 1,024,000 (1,280 x 800) pixels	Panel size 16.3 mm (0.64 in) Aspect ratio 16:10 Number of pixels 1,024,000 (1,280 x 800) pixels	Panel size 16.0 mm (0.63 in) Aspect ratio 4:3 Number of pixels 786,432 (1,024 x 768) pixels	Panel size 16.0 mm (0.63 in) Aspect ratio 4:3 Number of pixels 786,432 (1,024 x 768) pixels
Light source	320 W UHM Lamp	320 W UHM Lamp	320 W UHM Lamp	320 W UHM Lamp	320 W UHM Lamp
Light output	5,400 lm	5,800 lm	5,000 lm	6,200 lm	5,300 lm
Time until light output declines to 50%¹	4,000 hours (NORMAL)/ 5,000 hours (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)	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)	10,000:1	10,000:1	2,000:1	10,000:1	2,000:1
Screen size (diagonal)	1.02-10.16 m (40-400 in)	1.02-10.16 m (40-400 in)	1.02-10.16 m (40-400 in)	1.02-10.16 m (40-400 in)	1.02-10.16 m (40-400 in)
Lens (throw ratio)	F 1.6-2.2, f 171-31.7 mm (1.22-2.26:1) (PT-EZ590)	F 1.6-2.2, f 171-31.7 mm (1.22-2.26:1) (PT-EW650)	F 1.6-2.2, f 171-31.7 mm (1.22-2.26:1) (PT-EW550)	F 1.6-2.2, f 171-31.7 mm (1.32-2.44:1) (PT-EX620)	F 1.6-2.2, f 171-31.7 mm (1.32-2.44:1) (PT-EX520)
Lens shift	Vertical: ±60 %, Horizontal: ±30 % (powerd)	Vertical: ±60 %, Horizontal: ±30 % (powerd)	Vertical: ±60 %, Horizontal: ±30 % (powerd)	Vertical: ±50 %, 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/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] DC out [USB type-A x 1 (DC 5 V, up to 900 mA)] Wireless Module connecting [USB type-A x 1 (for ET-WML100 ⁷)]	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/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] DC out [USB type-A x 1 (DC 5 V, up to 900 mA)] Wireless Module connecting [USB type-A x 1 (for ET-WML100 ⁷)]	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 (DC 5 V, up to 900 mA)] Wireless Module connecting [USB type-A x 1 (for ET-WML100 ⁷)]	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/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] DC out [USB type-A x 1 (DC 5 V, up to 900 mA)] Wireless Module connecting [USB type-A x 1 (for ET-WML100 ⁷)]	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 (DC 5 V, up to 900 mA)] Wireless Module connecting [USB type-A x 1 (for ET-WML100 ⁷)]
Power supply	100-240 V AC, 5.5-2.3 A, 50/60 Hz	100-240 V AC, 5.3-2.1 A, 50/60 Hz	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
Maximum power consumption	484 W	461 W	461 W	461 W	461 W
BTU value	Max. 1,651 BTU	Max. 1,573 BTU	Max. 1,573 BTU	Max. 1,573 BTU	Max. 1,573 BTU
Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
Operation noise	35 dB (NORMAL)/29 dB (ECO)	35 dB (NORMAL)/29 dB (ECO)	35 dB (NORMAL)/29 dB (ECO)	35 dB (NORMAL)/29 dB (ECO)	35 dB (NORMAL)/29 dB (ECO)
Dimensions (W x H² x D³)	498 x 145 x 398.3 mm (19-19/32 x 5-23/32 x 15-11/16 in)	498 x 145 x 398.3 mm (19-19/32 x 5-23/32 x 15-11/16 in)	498 x 145 x 398.3 mm (19-19/32 x 5-23/32 x 15-11/16 in)	498 x 145 x 398.3 mm (19-19/32 x 5-23/32 x 15-11/16 in)	498 x 145 x 398.3 mm (19-19/32 x 5-23/32 x 15-11/16 in)
Weight⁴	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)	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) ⁷	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) ⁷	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) ⁷	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) ⁷	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) ⁷
Optional lens	Yes (see the Optional Lenses page: P49)	Yes (see the Optional Lenses page: P49)	Yes (see the Optional Lenses page: P49)	Yes (see the Optional Lenses page: P49)	Yes (see the Optional Lenses page: P49)

1: 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. 7: Limited stock.

Installation

	PT-FZ570	PT-FW530	PT-FX500
	 4,500 lm WUXGA 	 4,500 lm WXGA 	 5,000 lm XGA 
Projector type	LCD Projector	LCD Projector	LCD Projector
LCD panel	Panel size 16.3 mm (0.64 in) Aspect ratio 16:10 Number of pixels 2,304,000 (1,920 x 1,200) pixels	Panel size 16.3 mm (0.64 in) Aspect ratio 16:10 Number of pixels 1,024,000 (1,280 x 800) pixels	Panel size 16.0 mm (0.63 in) Aspect ratio 4:3 Number of pixels 786,432 (1,024 x 768) pixels
Light source	270 W UHM Lamp	270 W UHM Lamp	270 W UHM Lamp
Light output	4,500 lm	4,500 lm	5,000 lm
Time until light output declines to 50%¹	6,000 hours (NORMAL)/ 8,000 hours (ECO)	6,000 hours (NORMAL)/ 8,000 hours (ECO)	6,000 hours (NORMAL)/ 8,000 hours (ECO)
Resolution	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)	XGA (1,024 x 768)
Contrast ratio (full on/full off)	10,000:1	10,000:1	10,000:1
Screen size (diagonal)	1.02-7.62 m (40-300 in)	1.02-7.62 m (40-300 in)	1.02-7.62 m (40-300 in)
Lens (throw ratio)	F 1.6-2.2, f 171-31.7 mm (1.22-2.26:1)	F 1.6-2.2, f 171-31.7 mm (1.22-2.26:1)	F 1.6-2.2, f 171-31.7 mm (1.32-2.44:1)
Lens shift	Vertical: ±60 %, Horizontal: ±30 % (manual)	Vertical: ±60 %, Horizontal: ±30 % (manual)	Vertical: ±50 %, Horizontal: ±30 % (manual)
Filter Replacement Cycle	16,000 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 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] LAN [RJ-45 x 1] DC out [USB type-A x 1 (DC 5 V, up to 900 mA)] Wireless Module connecting [USB type-A x 1 (for ET-WML100 ⁶)]	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/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] DC out [USB type-A x 1 (DC 5 V, up to 900 mA)] Wireless Module connecting [USB type-A x 1 (for ET-WML100 ⁶)]	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/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] DC out [USB type-A x 1 (DC 5 V, up to 900 mA)] Wireless Module connecting [USB type-A x 1 (for ET-WML100 ⁶)]
Power supply	100-240 V AC, 4.7-1.9 A, 50/60 Hz	100-240 V AC, 4.5-1.8 A, 50/60 Hz	100-240 V AC, 4.5-1.8 A, 50/60 Hz
Maximum power consumption	413 W	400 W	400 W
BTU value	Max. 1,410 BTU	Max. 1,365 BTU	Max. 1,365 BTU
Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
Operation noise	33 dB (NORMAL)/29 dB (ECO)	33 dB (NORMAL)/29 dB (ECO)	33 dB (NORMAL)/29 dB (ECO)
Dimensions (W x H² x D³)	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)
Weight⁴	Approx. 7.9 kg/17.4 lbs	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-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) ET-WML100 (Wireless Module) ⁶	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) ⁶	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) ⁶

1: The usage environment affects the lamp replacement cycle. 2: Height: with legs at shortest position.
3: Depth: including the supplied lens. 4: Average value. Each product has an individual variable in weight.
5: The optional ET-WML100 Wireless Module is required. 6: Limited stock.

7: For compatible models, see the "Function" and "Software" columns of the Feature Compatibility Chart on page 51 to 56.
8: For more information about PressIT, see page 65.
9: For compatible models, see the "Wireless Module" column of the Optional Accessories Chart on page 57 to 64.

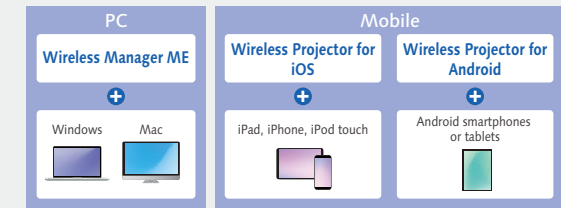
Wireless Solutions

Effortless connection. No mess, no stress.

FEATURES

We offer solutions that can wirelessly connect most devices to your network-ready Panasonic projector or professional display in moments. Our wireless solutions will streamline and enhance communication efficiency at your organization.

Free Software



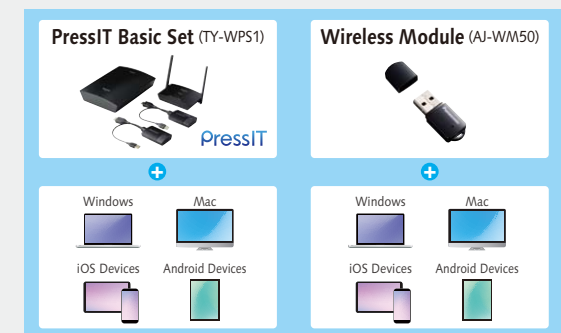
Wireless Manager ME⁷

The software mirrors your computer screen on the projector screen over wireless LAN. It supports wireless content transmission from multiple PCs simultaneously in a choice of display modes.

Wireless Projector for iOS / Android⁷

Install Wireless Projector app on your iPad, iPhone, or iPod touch, connect to a projector over wireless LAN, and start sharing content to the big screen.

Hardware Solutions - No software installation!



PressIT⁸




























"PressIT" is a Panasonic's Wireless Presentation System that allows easy screen collaboration with just a single press of a button on a transmitter.

Wireless Module (AJ-WM50)⁹

The optional AJ-WM50 wireless USB module allows wireless projection from Windows® PCs, iOS devices, or Android™ devices loaded with an appropriate app.

Portable

















	PT-VMZ71 	PT-VMZ61 	PT-VMZ51 	PT-VMZ51S 	PT-LMZ460 	
	 <p>7,000 lm WUXGA * Available in black/white cabinet.</p>    	 <p>6,200 lm WUXGA * Available in black/white cabinet.</p>    	 <p>5,200 lm WUXGA</p>    	 <p>5,200 lm WUXGA</p>   	 <p>4,600 lm WUXGA</p>  	
Projector type	LCD Projector					
LCD panel	Panel size	16.3 mm (0.64 in)				
	Aspect ratio	16:10				
	Number of pixels	2,304,000 (1,920 x 1,200) pixels				
Light source	Laser diode					
Light output	7,000 lm					
Time until light output declines to 50%¹	20,000 hours (NORMAL)					
Resolution	WUXGA (1,920 x 1,200)					
Contrast ratio (full on/full off)	3,000,000:1					
Screen size (diagonal)	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)					
Lens shift	Vertical: +44 %, Horizontal: ±20 % (manual)					
Filter Replacement Cycle	20,000 hours					
Installation	Ceiling/floor, front/rear, free 360-degree installation					
Terminals	HDMI™ in [HDMI™ 19-pin x 2] Computer in [D-sub HD 15-pin x 2] Audio in 1/2 [M3 x 2] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] USB [USB type-A x 1] ⁶					
Power supply	100-240 V AC, 50/60 Hz					
Maximum power consumption	420 W					
On-mode power consumption	[NORMAL] 390 W (100-120 V), 375 W (200-240 V) [ECO] 275 W (100-120 V), 265 W (200-240 V) [QUIET] 270 W (100-120 V), 260 W (200-240 V)					
Built-in speaker	10.0 W (monaural)					
Operation noise	38 dB (NORMAL/ECO)/28 dB (QUIET)					
Dimensions (W x H² x D)	399 x 133 x 348 mm (15-23/32 x 5-1/4 x 13-11/16 in)					
Weight³	Approx. 7.0 kg/15.4 lbs					
Replacement 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) ⁷					

1: After approximately 20,000 hours, cleaning needs to be performed (by the vendor which you purchased from). The light source's lifetime may be shortened due to environmental conditions and operating mode. 2: Height with legs at shortest position. 3: Average value. Each product has an individual variable in weight. 4: Input signals are converted to the projector's display resolution upon playback. 4K/30p signals are supported via HDMI™ and DIGITAL LINK terminal.

5: The optional Wireless Module is required. 6: For USB Memory Stick / optional Wireless Module (AJ-WM50) and for power supply (DC 5V up to 2A) 7: The availability varies depending on the country. 8: Input signals are converted to the projector's display resolution upon playback. 4K/30p signals are supported via HDMI™ terminal.

Portable











	PT-LMZ420	PT-LMW460	PT-LMW420	PT-LMX460	PT-LMX420
	 <p>4,200 lm WUXGA</p>  	 <p>4,600 lm WXGA</p>  	 <p>4,200 lm WXGA</p>  	 <p>4,600 lm XGA</p>  	 <p>4,200 lm XGA</p>  
Projector type	LCD Projector	LCD Projector	LCD Projector	LCD Projector	LCD Projector
LCD panel	Panel size	16.3 mm (0.64 in)	16.3 mm (0.64 in)	16.3 mm (0.64 in)	16.3 mm (0.64 in)
	Aspect ratio	16:10	16:10	16:10	16:10
	Number of pixels	2,304,000 (1,920 x 1,200) pixels	1,024,000 (1,280 x 800) pixels	1,024,000 (1,280 x 800) pixels	786,432 (1,024 x 768) pixels
Light source	Laser diode	Laser diode	Laser diode	Laser diode	Laser diode
Light output	4,200 lm	4,600 lm	4,200 lm	4,600 lm	4,200 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)	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)	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 1.61-1.76, f 19.10-23.0 mm (1.36-1.64:1)	F 1.61-1.76, f 19.10-23.0 mm (1.36-1.64:1)	F 1.61-1.76, f 19.10-23.0 mm (1.36-1.64:1)	F 1.61-1.76, f 19.10-23.0 mm (1.36-1.64:1)	F 1.61-1.76, f 19.10-23.0 mm (1.36-1.64:1)
Lens shift	- [fixed]	- [fixed]	- [fixed]	- [fixed]	- [fixed]
Filter Replacement Cycle	20,000 hours	20,000 hours	20,000 hours	20,000 hours	20,000 hours
Installation	Ceiling/floor, front/rear, free 360-degree installation	Ceiling/floor, front/rear, free 360-degree installation	Ceiling/floor, front/rear, free 360-degree installation	Ceiling/floor, front/rear, free 360-degree installation	Ceiling/floor, front/rear, free 360-degree installation
Terminals	HDMI™ in [HDMI™ 19-pin x 2] Computer in [D-sub HD 15-pin x 2] Audio in 1/2 [M3 x 2] 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] ⁶	HDMI™ in [HDMI™ 19-pin x 2] Computer in [D-sub HD 15-pin x 2] Audio in 1/2 [M3 x 2] 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] ⁶	HDMI™ in [HDMI™ 19-pin x 2] Computer in [D-sub HD 15-pin x 2] Audio in 1/2 [M3 x 2] 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] ⁶	HDMI™ in [HDMI™ 19-pin x 2] Computer in [D-sub HD 15-pin x 2] Audio in 1/2 [M3 x 2] 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] ⁶	HDMI™ in [HDMI™ 19-pin x 2] Computer in [D-sub HD 15-pin x 2] Audio in 1/2 [M3 x 2] 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] ⁶
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
Maximum power consumption	240 W	230 W	230 W	230 W	230 W
On-mode power consumption	[NORMAL] 215 W (100-240 V), 205 W (200-240 V) [ECO] 165 W (100-240 V), 160 W (200-240 V) [QUIET] 160 W (100-240 V), 155 W (200-240 V)	[NORMAL] 205 W (100-240 V), 195 W (200-240 V) [ECO] 155 W (100-240 V), 145 W (200-240 V) [QUIET] 150 W (100-240 V), 145 W (200-240 V)	[NORMAL] 205 W (100-240 V), 195 W (200-240 V) [ECO] 155 W (100-240 V), 145 W (200-240 V) [QUIET] 150 W (100-240 V), 145 W (200-240 V)	[NORMAL] 205 W (100-240 V), 195 W (200-240 V) [ECO] 155 W (100-240 V), 145 W (200-240 V) [QUIET] 150 W (100-240 V), 145 W (200-240 V)	[NORMAL] 205 W (100-240 V), 195 W (200-240 V) [ECO] 155 W (100-240 V), 145 W (200-240 V) [QUIET] 150 W (100-240 V), 145 W (200-240 V)
Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
Operation noise	33 dB (NORMAL/ECO)/23 dB (QUIET)	35 dB (NORMAL/ECO)/24 dB (QUIET)	33 dB (NORMAL/ECO)/23 dB (QUIET)	35 dB (NORMAL/ECO)/24 dB (QUIET)	33 dB (NORMAL/ECO)/23 dB (QUIET)
Dimensions (W x H¹ x D)	349 x 105 x 309 mm (13-3/4 x 4-1/8 x 12-5/32 in)	349 x 105 x 309 mm (13-3/4 x 4-1/8 x 12-5/32 in)	349 x 105 x 309 mm (13-3/4 x 4-1/8 x 12-5/32 in)	349 x 105 x 309 mm (13-3/4 x 4-1/8 x 12-5/32 in)	349 x 105 x 309 mm (13-3/4 x 4-1/8 x 12-5/32 in)
Weight²	Approx. 4.2 kg/9.26 lbs	Approx. 4.2 kg/9.26 lbs	Approx. 4.2 kg/9.26 lbs	Approx. 4.2 kg/9.26 lbs	Approx. 4.2 kg/9.26 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-PKL420B (Bracket assembly) ET-RFL400 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁷	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL400 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁷	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL400 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁷	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL400 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁷	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL400 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁷

1: Height; with legs at shortest position. 2: Average value. Each product has an individual variable in weight.
3: Input signals are converted to the projector's display resolution upon playback. 4K/30p signals are supported via HDMI™.
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: For USB Memory Stick / optional Wireless Module (AJ-WM50) and for power supply (DC 5V up to 2A) 7: The availability varies depending on the country.

Large-Venue
Installation
Portable
Short Throw/
Ultra Short Throw
Media Processor
Lenses
Features
Options
Press/Intel® SDW
Software/Apps











Portable

	PT-VZ585N	PT-VZ580	PT-VX615N	PT-VX610
	 5,000 lm WUXGA 	 5,000 lm WUXGA 	 5,500 lm XGA 	 5,500 lm XGA 
Projector type	LCD Projector	LCD Projector	LCD Projector	LCD Projector
LCD panel	Panel size	16.3 mm (0.64 in)	16.3 mm (0.64 in)	16.0 mm (0.63 in)
	Aspect ratio	16:10	16:10	4:3
	Number of pixels	2,304,000 (1,920 x 1,200) pixels	2,304,000 (1,920 x 1,200) pixels	786,432 (1,024 x 768) pixels
Light source	280 W UHM Lamp	280 W UHM Lamp	280 W UHM Lamp	280 W UHM Lamp
Light output	5,000 lm	5,000 lm	5,500 lm	5,500 lm
Time until light output declines to 50%¹	5,000 hours (NORMAL)/6,000 hours (ECO1)/7,000 hours (ECO2) ⁶	5,000 hours (NORMAL)/6,000 hours (ECO1)/7,000 hours (ECO2) ⁶	5,000 hours (NORMAL)/6,000 hours (ECO1)/7,000 hours (ECO2)	5,000 hours (NORMAL)/6,000 hours (ECO1)/7,000 hours (ECO2)
Resolution	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	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)	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 1.60-1.90, f 15.31-24.64 mm (1.17-1.90:1)	F 1.60-1.90, f 15.31-24.64 mm (1.17-1.90:1)
Lens shift	Vertical: +44 % (manual)	Vertical: +44 % (manual)	Vertical: +40 % (manual)	Vertical: +40 % (manual)
Filter Replacement Cycle	7,000 hours	7,000 hours	7,000 hours	7,000 hours
Installation	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear
Terminals	HDMI™ 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] ⁴ USB [USB type-B x 1 (for USB display)]	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] DC out [USB type-A x 1 (DC 5 V, up to 2 A)]	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/DIGITAL LINK [RJ-45 x 1] USB [USB type-A x 1] ⁴ USB [USB type-B x 1 (for USB display)]	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] DC out [USB type-A x 1 (DC 5 V, up to 2 A)]
Power supply	120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries)	120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries)	120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries)	120 V AC, 50/60 Hz (North America), 110 V AC, 60 Hz (Taiwan), 100-240 V AC, 50/60 Hz (other countries)
Maximum power consumption	400 W (North America), 410 W (other countries)	400 W (North America), 410 W (other countries)	385 W (North America), 400 W (other countries)	385 W (North America), 400 W (other countries)
Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
Operation noise	37 dB (NORMAL)/35 dB (ECO1)/29 dB (ECO2)	37 dB (NORMAL)/35 dB (ECO1)/29 dB (ECO2)	37 dB (NORMAL)/35 dB (ECO1)/29 dB (ECO2)	37 dB (NORMAL)/35 dB (ECO1)/29 dB (ECO2)
Dimensions (W x 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)	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)
Weight³	Approx. 4.9 kg/10.8 lbs	Approx. 4.8 kg/10.6 lbs	Approx. 4.9 kg/10.8 lbs	Approx. 4.8 kg/10.6 lbs
Replacement lamp	ET-LAV400	ET-LAEF100	ET-LAV400	ET-LAV400
Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV410 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV410 (Replacement filter unit)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV410 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV410 (Replacement filter unit)

1: 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: For USB Memory Stick / the Pairing function.







Portable

	PT-VW360	PT-VX430	PT-LW376	PT-LW336	PT-LB426
	 4,000 lm WXGA 	 4,500 lm XGA 	 3,600 lm WXGA 	 3,100 lm WXGA 	 4,100 lm XGA 
Projector type	LCD Projector	LCD Projector	LCD Projector	LCD Projector	LCD Projector
LCD panel	Panel size	15.0 mm (0.59 in)	16.0 mm (0.63 in)	15.0 mm (0.59 in)	16.0 mm (0.63 in)
	Aspect ratio	16:10	4:3	16:10	4:3
	Number of pixels	1,024,000 (1,280 x 800) pixels	786,432 (1,024 x 768) pixels	1,024,000 (1,280 x 800) pixels	1,024,000 (1,280 x 800) pixels
Light source	240 W UHM Lamp	240 W UHM Lamp	230 W UHM Lamp	230 W UHM Lamp	230 W UHM Lamp
Light output	4,000 lm	4,500 lm	3,600 lm	3,100 lm	4,100 lm
Time until light output declines to 50%¹	5,000 hours (NORMAL)/7,000 hours (ECO)	5,000 hours (NORMAL)/7,000 hours (ECO)	10,000 hours (NORMAL)/20,000 hours (ECO)/10,000 hours (QUIET)	10,000 hours (NORMAL)/20,000 hours (ECO)/10,000 hours (QUIET)	10,000 hours (NORMAL)/20,000 hours (ECO)/10,000 hours (QUIET)
Resolution	WXGA (1,280 x 800)	XGA (1,024 x 768)	WXGA (1,280 x 800)	WXGA (1,280 x 800)	XGA (1,024 x 768)
Contrast ratio (full on/full off)	20,000:1	20,000:1	20,000:1	20,000:1	20,000:1
Screen size (diagonal)	0.76-7.62 m (30-300 in)	0.76-7.62 m (30-300 in)	0.76-7.62 m (30-300 in)	0.76-7.62 m (30-300 in)	0.76-7.62 m (30-300 in)
Lens (throw ratio)	F 1.60-1.90, f 15.31-26.24 mm (1.2-1.9:1)	F 1.60-1.90, f 15.31-26.24 mm (1.2-1.9:1)	F 1.60-1.76, f 19.16-23.02 mm (1.48-1.78:1)	F 2.1-2.24, f 19.11-22.94 mm (1.47-1.77:1)	F 1.60-1.76, f 19.16-23.02 mm (1.48-1.78:1)
Lens shift	49:1 (fixed)	9:1 (fixed)	6:1 [fixed]	6:1 [fixed]	6:1 [fixed]
Filter Replacement Cycle	7,000 hours	7,000 hours	5,000 hours (NORMAL)/6,000 hours (ECO)/10,000 hours (QUIET)	5,000 hours (NORMAL)/6,000 hours (ECO)/10,000 hours (QUIET)	5,000 hours (NORMAL)/6,000 hours (ECO)/10,000 hours (QUIET)
Installation	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear
Terminals	HDMI™ 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] ⁵ USB [USB type-B x 1 (for USB display)]	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] USB [USB type-A x 1] ⁵ USB [USB type-B x 1 (for USB display)]	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 [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] ⁸	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 [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] ⁸	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 [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] ⁸
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
Maximum power consumption	320 W	320 W	300 W	300 W	300 W
Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
Operation noise	37 dB (NORMAL)/29 dB (ECO)	37 dB (NORMAL)/29 dB (ECO)	38 dB (NORMAL)/35 dB (ECO)/30 dB (QUIET)	38 dB (NORMAL)/35 dB (ECO)/30 dB (QUIET)	38 dB (NORMAL)/35 dB (ECO)/30 dB (QUIET)
Dimensions (W x H² x D)	352 x 98 x 279 mm (13-27/32 x 3-27/32 x 10-31/32 in)	352 x 98 x 279 mm (13-27/32 x 3-27/32 x 10-31/32 in)	335 x 96 x 252 mm (13-3/16 x 3-25/32 x 9-29/32 in)	335 x 96 x 252 mm (13-3/16 x 3-25/32 x 9-29/32 in)	335 x 96 x 252 mm (13-3/16 x 3-25/32 x 9-29/32 in)
Weight³	Approx. 3.3 kg/7.3 lbs	Approx. 3.3 kg/7.3 lbs	Approx. 2.9 kg/6.4 lbs	Approx. 2.9 kg/6.4 lbs	Approx. 2.9 kg/6.4 lbs
Replacement lamp	ET-LAV300	ET-LAV300	ET-LAL510	ET-LAL510	ET-LAL510
Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV300 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁶ ET-WML100 (Wireless Module) ⁷ 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) AJ-WM50 (Wireless Module) ⁶ ET-WML100 (Wireless Module) ⁷ ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL300 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁶ ET-WML100 (Wireless Module) ⁷ ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL300 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁶ ET-WML100 (Wireless Module) ⁷ ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL300 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁶ ET-WML100 (Wireless Module) ⁷ 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/AJ-WM50 is required.

5: For USB Memory Stick / optional Wireless Module (AJ-WM50 or ET-WML100)
6: The availability varies depending on the country. 7: Stock limited.
8: For USB Memory Stick / optional Wireless Module (AJ-WM50 or ET-WML100) and for power supply (DC 5V up to 2A)

Portable

		PT-LB386	PT-LB356	PT-LB306 ⁵
		 3,800 lm XGA 	 3,300 lm XGA 	 3,100 lm XGA 
Projector type		LCD Projector	LCD Projector	LCD Projector
LCD panel	Panel size	16.0 mm (0.63 in)	16.0 mm (0.63 in)	16.0 mm (0.63 in)
	Aspect ratio	4:3	4:3	4:3
	Number of pixels	786,432 (1,024 x 768) pixels	786,432 (1,024 x 768) pixels	786,432 (1,024 x 768) pixels
Light source		230 W UHM Lamp	230 W UHM Lamp	230 W UHM Lamp
Light output		3,800 lm	3,300 lm	3,100 lm
Time until light output declines to 50%¹		10,000 hours (NORMAL)/20,000 hours (ECO)/10,000 hours (QUIET)	10,000 hours (NORMAL)/20,000 hours (ECO)/10,000 hours (QUIET)	10,000 hours (NORMAL)/20,000 hours (ECO)/10,000 hours (QUIET)
Resolution		XGA (1,024 x 768)	XGA (1,024 x 768)	XGA (1,024 x 768)
Contrast ratio (full on/full off)		20,000:1	20,000:1	20,000:1
Screen size (diagonal)		0.76-7.62 m (30-300 in)	0.76-7.62 m (30-300 in)	0.76-7.62 m (30-300 in)
Lens (throw ratio)		F 1.60-1.76, f 19.16-23.02 mm (1.48-1.78:1)	F 1.60-1.76, f 19.16-23.02 mm (1.48-1.78:1)	F 2.1-2.24, f 19.11-22.94 mm (1.47-1.77:1)
Lens shift		6:1 [fixed]	6:1 [fixed]	6:1 [fixed]
Filter Replacement Cycle		5,000 hours (NORMAL)/6,000 hours (ECO)/10,000 hours (QUIET)	5,000 hours (NORMAL)/6,000 hours (ECO)/10,000 hours (QUIET)	5,000 hours (NORMAL)/6,000 hours (ECO)/10,000 hours (QUIET)
Installation		Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear
Terminals		HDMI™ in [HDMI™ 19-pin x 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 [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] ⁵	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 [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] ⁵	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 use)]
Power supply		100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
Maximum power consumption		300 W	300 W	300 W
Built-in speaker		10.0 W (monaural)	10.0 W (monaural)	2.0 W (monaural)
Operation noise		38 dB (NORMAL)/35 dB (ECO)/30 dB (QUIET)	38 dB (NORMAL)/35 dB (ECO)/30 dB (QUIET)	38 dB (NORMAL)/35 dB (ECO)/30 dB (QUIET)
Dimensions (W x H² 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)
Weight³		Approx. 2.9 kg/6.39 lbs	Approx. 2.9 kg/6.39 lbs	Approx. 2.8 kg/6.17 lbs
Replacement lamp		ET-LAL510	ET-LAL510	ET-LAL510
Optional accessories		ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL300 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁶ ET-WML100 (Wireless Module) ⁷ ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL300 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁶ ET-WML100 (Wireless Module) ⁷ ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL420B (Bracket assembly) ET-RFL300 (Replacement filter unit) ET-ADSV (D-Sub/S-VIDEO conversion cable)

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/AJ-WM50 is required.
5: For USB Memory Stick / optional Wireless Module (AJ-WM50 or ET-WML100) and for power supply (DC 5V up to 2A)
6: The availability varies depending on the country. 7: Stock limited.

Short Throw/ Ultra Short Throw



	PT-TMZ400	PT-TMW380	PT-TMX380	
	 4,000 lm WUXGA	 3,800 lm WXGA	 3,800 lm XGA	
	 360°	 360°	 360°	
	 5	 5	 5	
Projector type	LCD Projector	LCD Projector	LCD Projector	
LCD panel	Panel size	16.3 mm (0.64 in)	16.3 mm (0.64 in)	16.0 mm (0.63 in)
	Aspect ratio	16:10	16:10	4:3
	Number of pixels	2,304,000 (1920 x 1200) pixels	1,024,000 (1,280 x 800) pixels	786,432 (1,024 x 768) pixels
Light source	Laser diodes	Laser diodes	Laser diodes	
Light output	4,000 lm	3,800 lm	3,800 lm	
Time until light output declines to 50%¹	20,000 hours (NORMAL/QUIET)/ 24,000 hours (ECO)	20,000 hours (NORMAL/QUIET)/ 24,000 hours (ECO)	20,000 hours (NORMAL/QUIET)/ 24,000 hours (ECO)	
Resolution	WUXGA (1920 x 1200)	WXGA (1,280 x 800)	XGA (1,024 x 768)	
Contrast ratio (full on/full off)	3,000,000:1	3,000,000:1	3,000,000:1	
Screen size (diagonal)	1.27-2.67 m (50-105 in)	1.27-2.67 m (50-105 in)	1.27-2.67 m (50-105 in)	
Lens (throw ratio)	F 1.8, f 6.08 mm (0.43:1)	F 1.8, f 6.08 mm (0.43:1)	F 1.8, f 6.08 mm (0.43:1)	
Lens shift	- (fixed)	- (fixed)	- (fixed)	
Filter Replacement Cycle	20,000 hours	20,000 hours	20,000 hours	
Installation	Ceiling/floor, front/rear free 360-degree installation	Ceiling/floor, front/rear free 360-degree installation	Ceiling/floor, front/rear free 360-degree installation	
Terminals	HDMI™ in [HDMI™ 19-pin x 2] Computer in [D-sub HD 15-pin x 2] Audio in 1/2 [M3 x 2] 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] ⁶	HDMI™ in [HDMI™ 19-pin x 2] Computer in [D-sub HD 15-pin x 2] Audio in 1/2 [M3 x 2] 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] ⁶	HDMI™ in [HDMI™ 19-pin x 2] Computer in [D-sub HD 15-pin x 2] Audio in 1/2 [M3 x 2] 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] ⁶	
Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	
Maximum power consumption	240 W	230 W	230 W	
On-mode power consumption	[NORMAL] 215 W (100-240 V), 205 W (200-240 V) [ECO] 165 W (100-240 V), 160 W (200-240 V) [QUIET] 160 W (100-240 V), 155 W (200-240 V)	[NORMAL] 205 W (100-240 V), 195 W (200-240 V) [ECO] 155 W (100-240 V), 145 W (200-240 V) [QUIET] 150 W (100-240 V), 140 W (200-240 V)	[NORMAL] 205 W (100-240 V), 195 W (200-240 V) [ECO] 155 W (100-240 V), 145 W (200-240 V) [QUIET] 150 W (100-240 V), 145 W (200-240 V)	
Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	
Operation noise	35 dB (NORMAL/ECO)/24 dB (QUIET)	35 dB (NORMAL/ECO)/24 dB (QUIET)	35 dB (NORMAL/ECO)/24 dB (QUIET)	
Dimensions (W x H² x D)	349 x 138 x 370 mm (13-3/4 x 5-7/16 x 14-9/16 in)	349 x 138 x 370 mm (13-3/4 x 5-7/16 x 14-9/16 in)	349 x 138 x 370 mm (13-3/4 x 5-7/16 x 14-9/16 in)	
Weight³	Approx. 4.9 kg/10.8 lbs	Approx. 4.9 kg/10.8 lbs	Approx. 4.9 kg/10.8 lbs	
Replacement lamp	- (No lamp)	- (No lamp)	- (No lamp)	
Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL430B (Bracket assembly) ET-RFL400 (Replacement filter unit) AJ-WM50 Series (Wireless Module) ⁷	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL430B (Bracket assembly) ET-RFL400 (Replacement filter unit) AJ-WM50 Series (Wireless Module) ⁷	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL430B (Bracket assembly) ET-RFL400 (Replacement filter unit) AJ-WM50 Series (Wireless Module) ⁷	

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: Input signals are converted to the projector's display resolution upon playback. 4K/30p signals are supported via HDMI™.

5: To operate wireless projection, the optional Wireless Module AJ-WM50 is required.
6: For USB Memory Stick / optional Wireless Module (AJ-WM50) and for power supply (DC 5V up to 2A)
7: The availability varies depending on the country.

FEATURES

Short-Throw Projectors
Promote Effective Communication
Without Screen Shadowing

Short-Throw Projection

Communicate with flair almost anywhere with support for desktop or ceiling installation. The PT-TMZ400 Series and PT-TW381R Series can be set up at arm's length from the screen to reproduce a big 80-inch image¹. As well as bringing large pictures to small spaces, the short-throw lens casts the image in front of the presenter so his or her shadow does not obscure the screen.

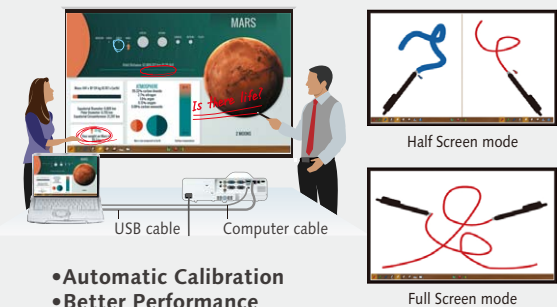


1: Projection distance is 73 cm for the PT-TMZ400/TMW380, 75 cm for the PT-TMX380 and PT-TX440/PT-TX350, and 80 cm for the PT-TW381R/PT-TW380 when projecting an 80-inch image.

Interactive Function

Supported projector: PT-TW381R













Communicate effectively by making notations on stills, graphics, and documents, adding new information as your meeting or lesson progresses using the supplied Interactive Light Pen or optional Interactive Pointer. Companion LightPen3 Software for Windows® or Mac improves writing smoothness for up to two presenters at once with support for high frame-rates. You can save modified images to PC for later distribution.



- Automatic Calibration
- Better Performance
- Supports Two Pens

For more information, please visit the website.
>>> <https://docs.connect.panasonic.com/projector/products/tw381r/>

Short Throw/
Ultra Short Throw



		PT-TW381R	PT-TW380	PT-TX440 ⁵	PT-TX350 ⁵	PT-CMZ50
		 3,300 lm WXGA  	 3,300 lm WXGA 	 3,800 lm XGA 	 3,200 lm XGA 	 5,200 lm WUXGA * Available in black/white cabinet.   
Projector type	LCD panel	LCD Projector	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)	16.3 mm (0.64 in)
Light source	Aspect ratio	16:10	16:10	4:3	4:3	16:10
	Number of pixels	1,024,000 (1,280 x 800) pixels	1,024,000 (1,280 x 800) pixels	786,432 (1,024 x 768) pixels	786,432 (1,024 x 768) pixels	2,304,000 (1,920 x 1,200) pixels
Light output	230 W UHM Lamp	230 W UHM Lamp	230 W UHM Lamp	230 W UHM Lamp	230 W UHM Lamp	Laser diodes
Time until light output declines to 50%¹	3,300 lm	3,300 lm	3,800 lm	3,200 lm	5,200 lm	
Resolution	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)	20,000 hours (NORMAL/QUIET)/24,000 hours (ECO)
Contrast ratio (full on/full off)	WXGA (1,280 x 800)	WXGA (1,280 x 800)	XGA (1,024 x 768)	XGA (1,024 x 768)	WUXGA (1,920 x 1,200)	
Screen size (diagonal)	20,000:1	20,000:1	20,000:1	20,000:1	20,000:1	3,000,000:1
Lens (throw ratio)	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)	1.27-2.54 m (50-100 in)	2.03-3.05 m (80-120 in)
Lens shift	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)	F 1.8, f 6.08 mm (0.46:1)	F 1.7, f 2.81 mm (0.235:1)
Filter Replacement Cycle	6:1 [fixed]	6:1 [fixed]	6:1 [fixed]	6:1 [fixed]	6:1 [fixed]	- (fixed)
Installation	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)	20,000 hours
Terminals	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear	Ceiling/floor, front/rear free 360-degree installation
Power supply	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 [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] ⁵ Mini USB [Mini USB x 1, (for interactive function)]	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 [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] ⁵	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 [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] ⁵	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 [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] ⁵	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 [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] ⁵	HDMI™ in [HDMI™ 19-pin x 2] HDMI™ out [HDMI™ 19-pin x 1] Computer in [D-sub 15-pin x 1] Audio in [M3 x 1] Audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] USB [USB type-A x 1] ⁹
Maximum power consumption	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	100-240 V AC, 50/60 Hz
On-mode power consumption	300 W	300 W	300 W	300 W	300 W	325 W
Built-in speaker	-	-	-	-	-	[NORMAL] 290 W (AC 100-120 V), 280 W (AC 200-240 V) [ECO] 215 W (AC 100-120 V), 205 W (AC 200-240 V) [QUIET] 210 W (AC 100-120 V), 200 W (AC 200-240 V)
Operation noise	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
Dimensions (W x H² x D)	38 dB (NORMAL)/35 dB (ECO)/30 dB (QUIET)	38 dB (NORMAL)/35 dB (ECO)/30 dB (QUIET)	38 dB (NORMAL)/35 dB (ECO)/30 dB (QUIET)	38 dB (NORMAL)/35 dB (ECO)/30 dB (QUIET)	38 dB (NORMAL)/35 dB (ECO)/30 dB (QUIET)	34 dB (NORMAL/ECO)/25 dB (QUIET)
Weight³	335 x 134.1 x 329 mm (13-3/16 x 5-9/32 x 12-15/16 in)	335 x 134.1 x 329 mm (13-3/16 x 5-9/32 x 12-15/16 in)	335 x 134.1 x 329 mm (13-3/16 x 5-9/32 x 12-15/16 in)	335 x 134.1 x 329 mm (13-3/16 x 5-9/32 x 12-15/16 in)	335 x 134.1 x 329 mm (13-3/16 x 5-9/32 x 12-15/16 in)	495 x 176 x 421 mm (19-1/2 x 6-15/16 x 16-37/64 in)
Replacement lamp	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	Approx. 3.9 kg/8.6 lbs	Approx. 9.5 kg/20.9 lbs
Optional accessories	ET-LAL510	ET-LAL510	ET-LAL510	ET-LAL510	ET-LAL510	- (No lamp)
Optional accessories	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL430B (Bracket assembly) ET-RFL300 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁶ ET-WML100 (Wireless Module) ⁷ 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-PKL430B (Bracket assembly) ET-RFL300 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁶ ET-WML100 (Wireless Module) ⁷ ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL430B (Bracket assembly) ET-RFL300 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁶ ET-WML100 (Wireless Module) ⁷ ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL430B (Bracket assembly) ET-RFL300 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁶ ET-WML100 (Wireless Module) ⁷ ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKL430B (Bracket assembly) ET-RFL300 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁶ ET-WML100 (Wireless Module) ⁷ ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKD120H (High ceiling mount bracket) ET-PKD130H (High ceiling mount bracket) ET-PKL120S (Low ceiling mount bracket) ET-PKE301B (Attachment for ceiling mount bracket) ET-WBC100 (Wall Mount Bracket) ET-RFV500 (Replacement filter unit) ET-YFB200G (DIGITAL LINK Switcher) ET-YFB100G (Digital Interface Box) AJ-WM50 Series (Wireless Module) ⁶

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/AJ-WM50 is required. 5: For USB Memory Stick / optional Wireless Module (AJ-WM50 or ET-WML100) and for power supply (DC 5V up to 2A)

6: The availability varies depending on the country. 7: Stock limited. 8: HDMI™ input only. Supports signal up to 4K/30p. 9: For USB Memory Stick / optional Wireless Module (AJ-WM50) and for power supply (DC 5V up to 2A)

Large-Venue
Installation
Portable
Short Throw/
Ultra Short Throw
Media Processor
Lenses
Features
Options
Software/Apps
Press/Intel® SDW

Media Processor

	ET-FMP50 NEW	ET-FMP20 NEW
		
Type	Box-type	Box-type
Terminals	LAN [RJ-45 x 1, for network connection, NDI® compatible] HDMI™ out [HDMI™ x 4, Audio signal: Linear PCM (Sampling frequency: 48 kHz/44.1 kHz)] Audio out [M3 x 1]	LAN [RJ-45 x 1, for network connection, NDI® compatible] HDMI™ out [HDMI™ x 4, Audio signal: Linear PCM (Sampling frequency: 48 kHz/44.1 kHz)] Audio out [M3 x 1]
Max. video output resolution	3840 x 2160/60p x 1 or 1920 x 1080/60p x 4 ²	3840 x 2160/60p x 1 or 1920 x 1080/60p x 4 ²
Video format	HAP ³ / H.264, 8-bit, 3840 x 2160 pixels, 60p, YPBPR 4:2:0, 300 Mbps / H.265, 8-bit, 4096 x 4096 pixels, 60p, YPBPR 4:2:0, 300 Mbps	H.264, 8-bit, 3840 x 2160 pixels, 60p, YPBPR 4:2:0, 300 Mbps / H.265, 8-bit, 4096 x 4096 pixels, 60p, YPBPR 4:2:0, 300 Mbps
Audio format	AAC-LC, 16-bit, stereo	AAC-LC, 16-bit, stereo
Storage	4 TB	512 GB ⁴
Operating system	Linux	Linux
Power supply	AC 100–240 V, 50/60 Hz	AC 100–240 V, 50/60 Hz
Maximum power consumption	64 W	64 W
Dimensions (W x H x D)	210 x 44 x 295 mm (8-1/4 x 1-23/32 x 11-5/8 in) (excluding feet)	210 x 44 x 295 mm (8-1/4 x 1-23/32 x 11-5/8 in) (excluding feet)
Weight ¹	Approx. 2.0 kg (4.41 lbs) (excluding AC adapter and cord)	Approx. 2.0 kg (4.41 lbs) (excluding AC adapter and cord)
Operating environment	Operating temperature: 0–40 °C (32–104 °F) Operating humidity: 10–80 % (no condensation)	Operating temperature: 0–40 °C (32–104 °F) Operating humidity: 10–80 % (no condensation)

1: Average value. Each product has an individual variable in weight. 2: When four HDMI™ outputs are used simultaneously. 3: ET-FMP50 only. Available via a firmware update from CY2025 Q1. 4: For the ET-FMP20 (512 GB) approximately 30 GB of the total storage space is allocated for system usage and is unavailable to the user.

Optional Accessories



Rack-Mount Kit for 2x ET-FMP50/FMP20
ET-PKFMJ2



Note: Kit pictured with 2x ET-FMP50/FMP20 installed (processors and rack not included).



Rack-Mount Kit for 1x ET-FMP50/FMP20
ET-PKFMJ1

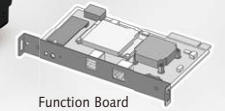


Note: Kit pictured with 1x ET-FMP50/FMP20 installed (processor and rack not included).

Media Processors Simplify Multi-Projection Workflows for Immersive Experiences



ET-FMP50/FMP20



Function Board ET-SBFMP10¹

Key Features

- Flexible Design Streamlines Installation
- Simple Yet High-Precision Adjustment
- Smooth and Continuous Content Playback

Demand for immersive experiences has driven a boom in multi-projection attractions, leading to more complex and labor-intensive workflows. Designed around the concept "simpler, but better," the ET-FMP50 Series is a media processor featuring camera-based¹ warping/blending and 4K media playback³ capability. It eases the burden on your team when installing and adjusting multi-projection attractions, making operations more efficient.

1: The ET-SBFMP10 is available from CY2024 Q4. Product appearance is tentative and subject to change. 2: Compatible cameras (sold separately) comprise NIKON® D5200/D5300/D5500/D5600/D7500/Z50. IDS* camera will be compatible from CY2024 Q4. 3: Maximum output resolution is 3840 x 2160/60p x 1 (ET-FMP50/FMP20/SBFMP10) or 1920 x 1080/60p x 4 (ET-FMP50/FMP20).

Improved Camera-based¹ Adjustment Streamlines Your Workflow

NEW
Intuitive adjustment from the camera's perspective

NEW
Automatic content splitting

Geometric adjustment

Color matching/uniformity adjustment (under development)



Updated ET-CUK10 functions

Updated
Edge-blending for custom layouts

Updated
Black-level adjustment for custom layouts

Updated
Custom shape masking

Easier setup with enhanced accuracy and convenience!

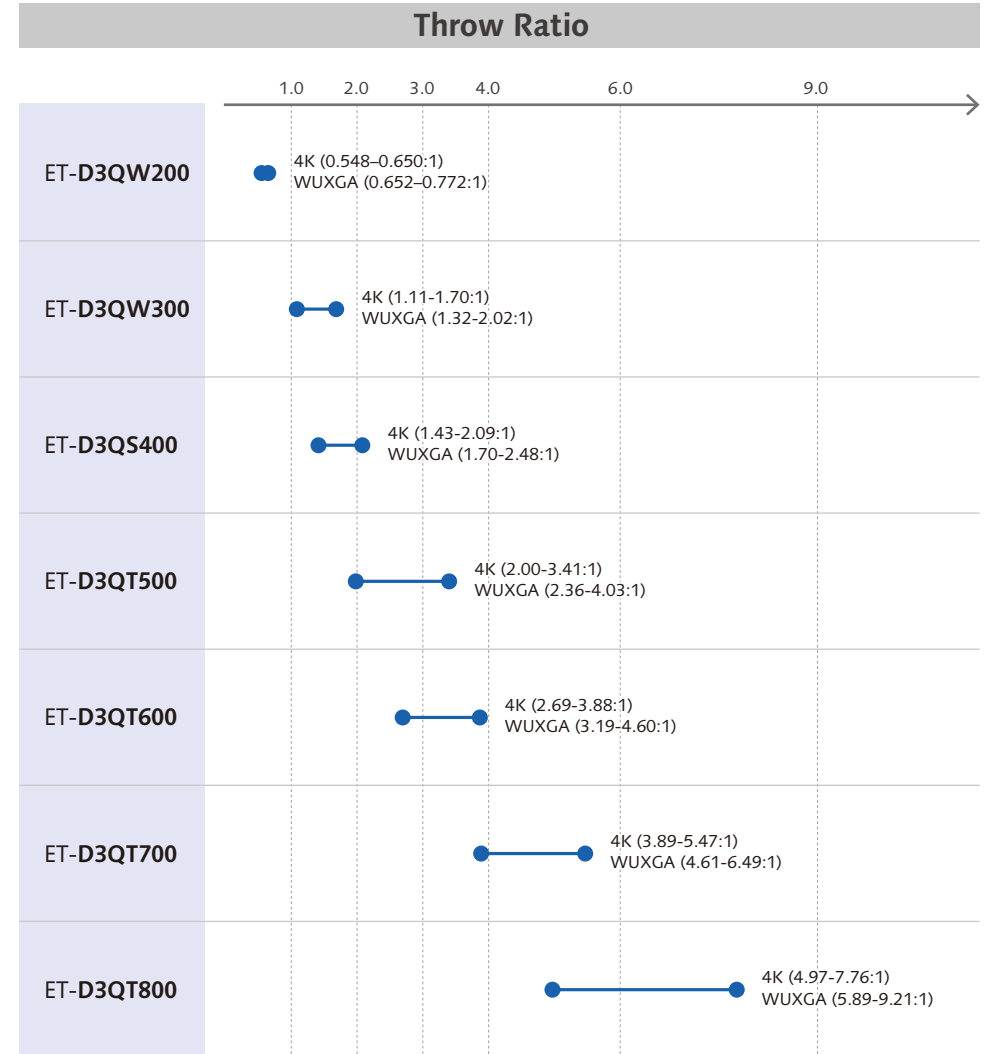
Optional Lenses for the PT-RQ50K Projector (Large-Venue)

ID :Featuring Auto Lens Identification Function* M :Stepping Motor for zoom in addition to focus.

Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens
Model number	ET-D3QW200	ET-D3QW300	ET-D3QS400	ET-D3QT500
				
F-number	2.5	2.5	2.5	2.5
Focal length	17.5-20.7 mm	35.2-53.7 mm	45.3-65.6 mm	61.4-105.2 mm
Weight	Approx. 11.3 kg/24.9 lbs	Approx. 9.3 kg/20.5 lbs	Approx. 8.5 kg/18.7 lbs	Approx. 9.6 kg/21.2 lbs

Lens type	Zoom lens	Zoom lens	Zoom lens
Model number	ET-D3QT600	ET-D3QT700	ET-D3QT800
			
F-number	2.5	2.5	2.5
Focal length	85.0-121.6 mm	122.8-172.3 mm	156.5-243.1 mm
Weight	Approx. 6.4 kg/14.1 lbs	Approx. 7.3 kg/16.1 lbs	Approx. 8.0 kg/17.6 lbs

The Throw Distance Calculator should help you out. Please try it.
 >>> <https://docs.connect.panasonic.com/projector/download/#calculator>



* Calibration is required each time the lens is mounted.

Optional Lenses for 3-Chip DLP™ Projector¹ (Large-Venue)

The Throw Distance Calculator should help you out. Please try it.
 >>> <https://docs.connect.panasonic.com/projector/download/#calculator>

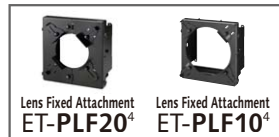


ID: Featuring Auto Lens Identification Function² M: Stepping Motor for zoom in addition to focus.

Lens type	Fixed-focus lens	Fixed-focus lens	Zoom lens	Fixed-focus lens	Fixed-focus lens	Zoom lens
Model number	ET-D75LE95	ET-D3LEU100	ET-D3LEW200	ET-D3LEW300	ET-D3LEW50 ³	ET-D3LEW60
F-number	2.5	2.5	2.5	2.5	2.5	2.5
Focal length	7.5 mm	8.0 mm	13.8-18.1 mm	16.4-19.6 mm	14.8 mm	19.6-23.5 mm
Weight	Approx. 6.5 kg/14.3 lbs	Approx. 8.0 kg/17.6 lbs	Approx. 9.0 kg/19.8 lbs	Approx. 8.0 kg/17.6 lbs	Approx. 7.1 kg/15.7 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-D75LE6	ET-D3LEW10	ET-D75LE10	ET-D3LES20	ET-D75LE20	ET-D3LET30
F-number	2.5	2.5	2.5	2.5	2.5	2.5
Focal length	19.6-23.5 mm	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
Weight	Approx. 8.7 kg/19.2 lbs	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

Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens	Zoom lens	Fisheye lens
Model number	ET-D75LE30	ET-D3LET40	ET-D75LE40	ET-D3LET80	ET-D75LE8	ET-D3LEF70*
F-number	2.5	2.5	2.5	2.5-2.7	2.5-2.7	2.5
Focal length	50.5-97.9 mm	96.6-154.9 mm	96.6-154.1 mm	154.1-288.8 mm	154.1-288.8 mm	9 mm
Weight	Approx. 5.2 kg/11.5 lbs	Approx. 5.0 kg/11.0 lbs	Approx. 5.0 kg/11.0 lbs	Approx. 8.5 kg/18.7 lbs	Approx. 8.5 kg/18.7 lbs	Approx. 7.1 kg/15.7 lbs

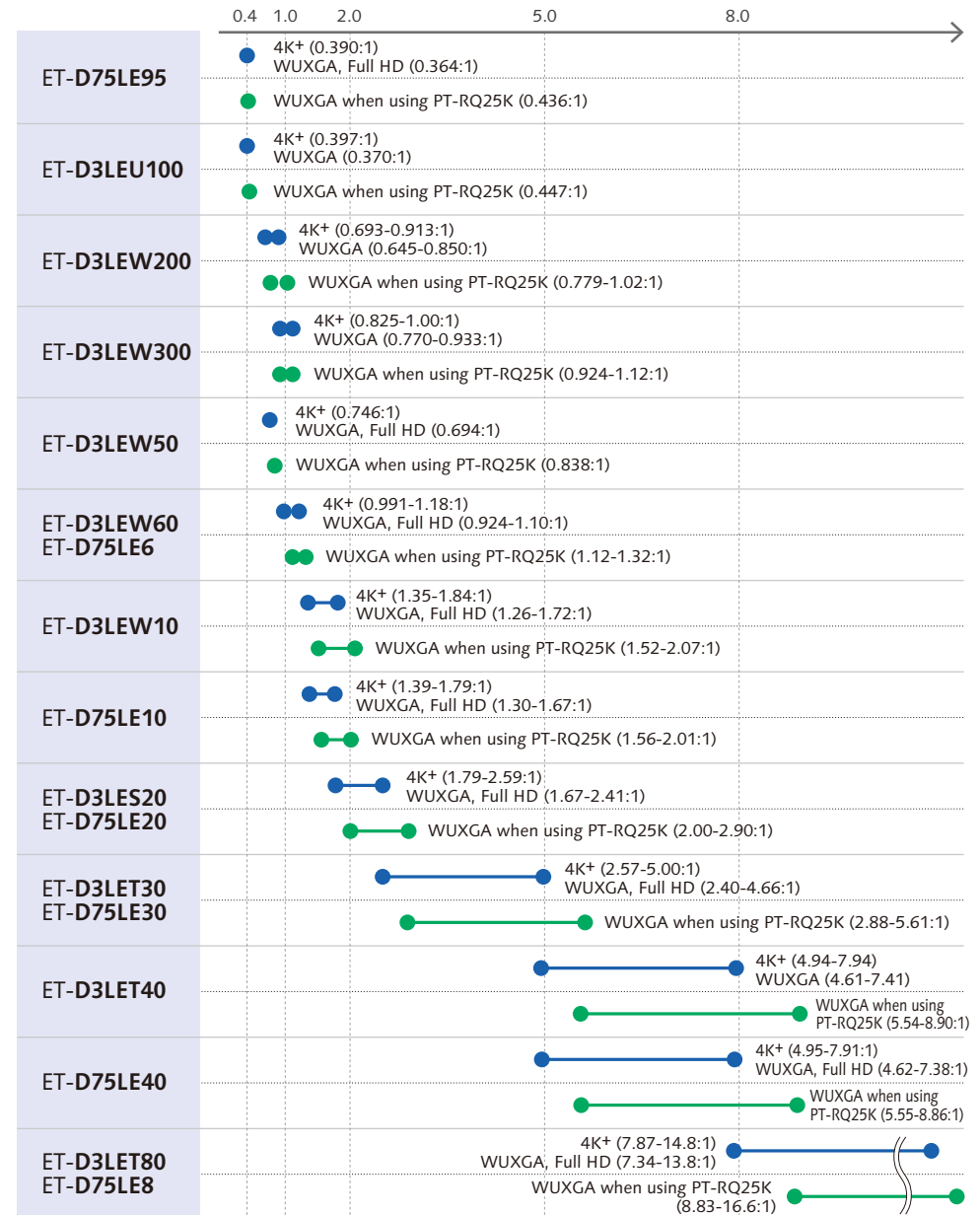


Optional Lenses Compatibility Chart

	ET-D75LE95	ET-D3LEU100	ET-D3LEW200	ET-D3LEW300	ET-D3LEW50	ET-D3LEW60	ET-D75LE6	ET-D3LEW10	ET-D75LE10	ET-D3LES20	ET-D75LE20	ET-D3LET30	ET-D75LE30	ET-D3LET40	ET-D75LE40	ET-D3LET80	ET-D75LE8	ET-D3LEF70
PT-RQ35K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ34K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RQ25K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ24K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RQ18K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ17K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ14K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

*For more information about the Fisheye Lens ET-D3LEF70, please visit the website. >>> <https://docs.connect.panasonic.com/projector/products/d3lef70/>

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. 4: When using the Zoom Lens (Model No.: ET-D3LEW200) or the Fixed-focus Lens (Model No.: ET-D3LEU100), it is recommended to use together with the Lens Fixed Attachment (Model No.: ET-PLF20). When using the Fisheye Lens (Model No.: ET-D3LEF70), it is recommended to use together with the Lens Fixed Attachment (Model No.: ET-PLF10).
 *Applicable products : PT-RQ35K, PT-RZ34K, PT-RQ25K, PT-RZ24K, PT-RQ18K, PT-RZ17K, PT-RZ14K

The Throw Distance Calculator should help you out. Please try it.
 >>> <https://docs.connect.panasonic.com/projector/download/#calculator>



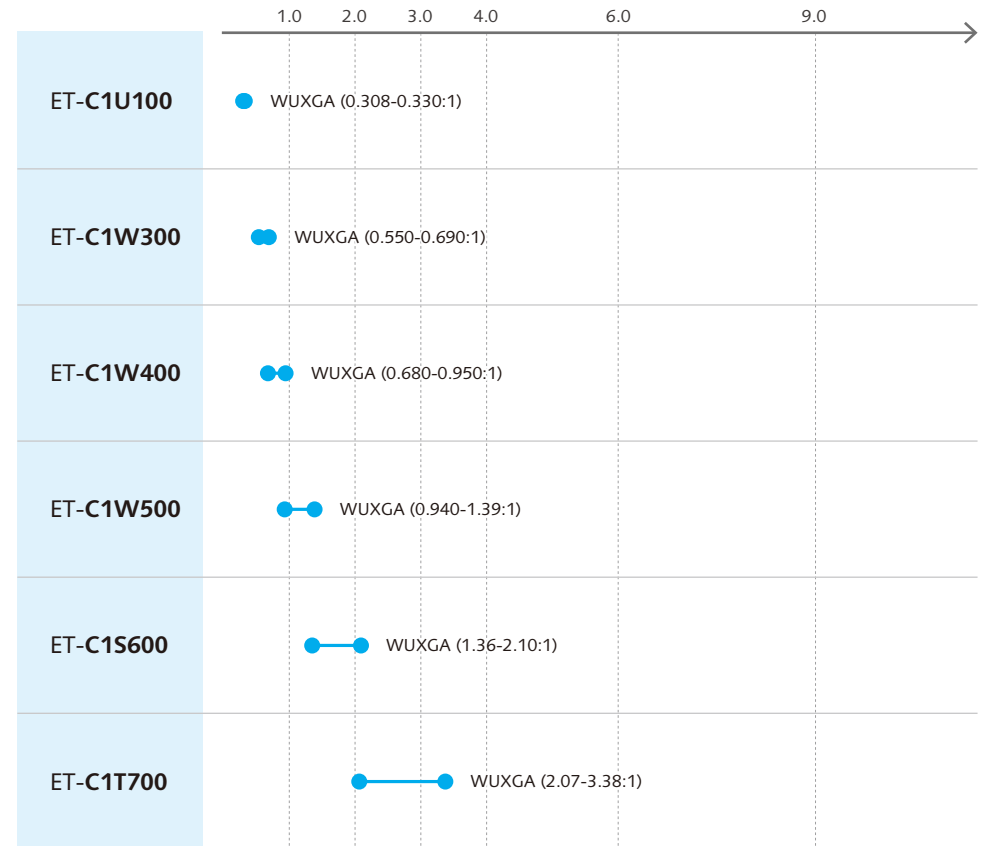
Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens
Model number	ET-C1U100	ET-C1W300	ET-C1W400	ET-C1W500
				
F-number	2.2	1.9-2.3	1.9-2.4	1.8-2.3
Focal length	5.4-5.8 mm	9.9-12.3 mm	12.1-16.9 mm	16.7-24.6 mm
Weight	Approx. 4.7 kg/10.36 lbs	Approx. 2.6 kg/5.73 lbs	Approx. 2.4 kg/5.29 lbs	Approx. 2.4 kg/5.29 lbs

Lens type	Zoom lens	Zoom lens
Model number	ET-C1S600	ET-C1T700
		
F-number	1.8-2.3	1.9-2.4
Focal length	23.9-37.2 mm	36.1-59.6 mm
Weight	Approx. 1.7 kg/3.75 lbs	Approx. 2.4 kg/5.29 lbs

Optional Lenses Compatibility Chart

	ET-C1U100	ET-C1W300	ET-C1W400	ET-C1W500	ET-C1S600	ET-C1T700
PT-REQ15	✓	✓	✓	✓	✓	✓
PT-REQ12	✓	✓	✓	✓	✓	✓
PT-REQ10	✓	✓	✓	✓	✓	✓
PT-REQ80	✓	✓	✓	✓	✓	✓
PT-REZ15	✓	✓	✓	✓	✓	✓
PT-REZ12	✓	✓	✓	✓	✓	✓
PT-REZ10	✓	✓	✓	✓	✓	✓
PT-REZ80	✓	✓	✓	✓	✓	✓

Throw Ratio



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

The Throw Distance Calculator should help you out. Please try it.
 >>> <https://docs.connect.panasonic.com/projector/download/#calculator>



Lens type	Zoom lens	Fixed-focus lens	Fixed-focus lens	Zoom lens
Model number	ET-DLE020	ET-DLE035	ET-DLE055	ET-DLE060
F-number	2.0	2.0	1.8	1.9-2.3
Focal length	4.1-4.4 mm	5.3 mm	11.9 mm	9.2-12.1 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

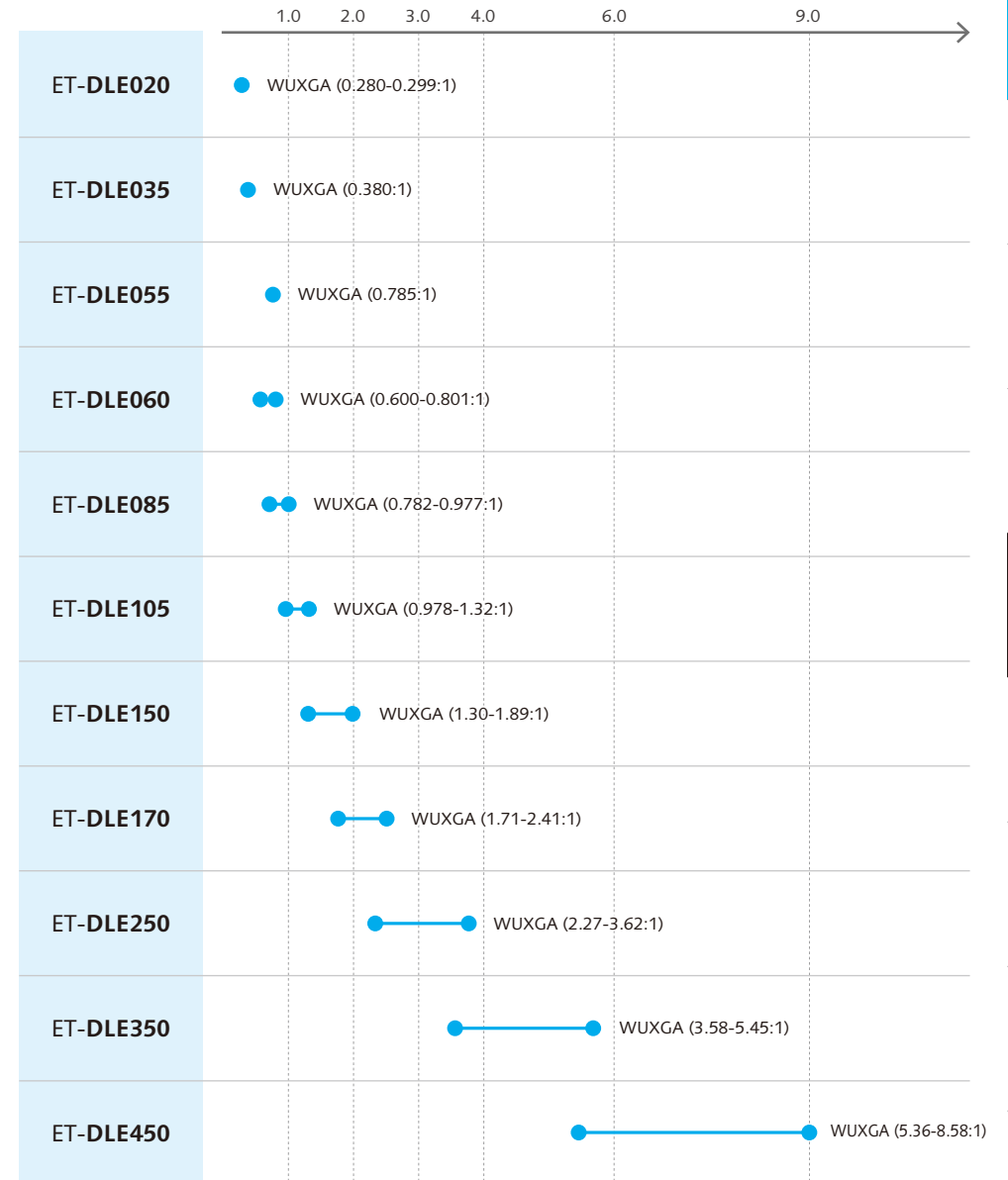
Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens (supplied lens) ¹
Model number	ET-DLE085	ET-DLE105	ET-DLE150	ET-DLE170
F-number	1.9-2.2	1.9-2.4	1.8-2.4	1.7-1.9
Focal length	11.8-14.6 mm	14.7-19.7 mm	19.4-27.9 mm	25.6-35.7 mm
Weight	Approx. 1.3 kg/2.9 lbs	Approx. 1.2 kg/2.6 lbs	Approx. 1.1 kg/2.4 lbs	Approx. 0.9 kg/2.0 lbs

Lens type	Zoom lens	Zoom lens	Zoom lens
Model number	ET-DLE250	ET-DLE350	ET-DLE450
F-number	1.8-2.4	1.8-2.2	1.8-2.4
Focal length	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-RZ790	✓ ²	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ690	✓ ²	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Throw Ratio



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 the PT-MZ20K Series Projector (Installation)

The Throw Distance Calculator should help you out. Please try it.
 >>> <https://docs.connect.panasonic.com/projector/download/#calculator>



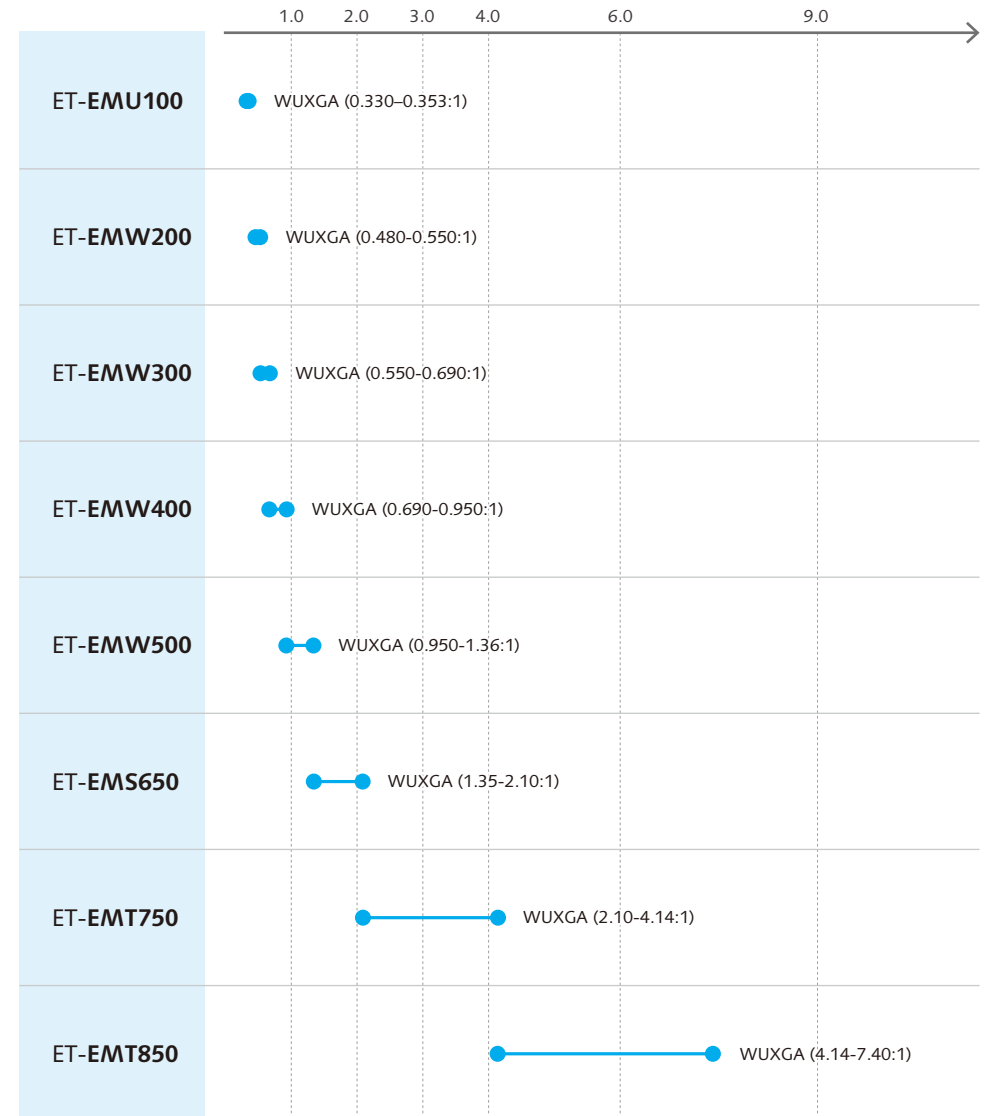
Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens
Model number	ET-EMU100	ET-EMW200	ET-EMW300	ET-EMW400
F-number	1.9	1.8-2.1	1.8-2.2	1.8-2.2
Focal length	7.2-7.7 mm	10.8-12.5 mm	12.3-15.4 mm	15.3-21.1 mm
Weight	Approx. 7.2 kg/15.87 lbs	Approx. 5.20 kg/11.46 lbs	Approx. 5.20 kg/11.46 lbs	Approx. 5.05 kg/11.13 lbs

Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens
Model number	ET-EMW500	ET-EMS650	ET-EMT750	ET-EMT850
F-number	1.8-2.4	1.8-2.2	1.8-2.5	1.9-2.4
Focal length	21.1-30.0 mm	29.9-46.3 mm	46.0-90.5 mm	90.3-162.6 mm
Weight	Approx. 5.15 kg/11.35 lbs	Approx. 3.71 kg/8.18 lbs	Approx. 4.59 kg/10.12 lbs	Approx. 4.45 kg/9.81 lbs

Optional Lenses Compatibility Chart

	ET-EMU100	ET-EMW200	ET-EMW300	ET-EMW400	ET-EMW500	ET-EMS650	ET-EMT750	ET-EMT850
PT-MZ20K	✓	✓	✓	✓	✓	✓	✓	✓
PT-MZ17K	✓	✓	✓	✓	✓	✓	✓	✓
PT-MZ14K	✓	✓	✓	✓	✓	✓	✓	✓
PT-MZ11K	✓	✓	✓	✓	✓	✓	✓	✓

Throw Ratio



Optional Lenses for LCD Projector¹ (Installation)

The Throw Distance Calculator should help you out. Please try it.
 >>> <https://docs.connect.panasonic.com/projector/download/#calculator>



Lens type	Zoom lens	Fixed-focus lens	Zoom lens	Zoom lens (supplied lens) ²
Model number	ET-ELU20	ET-ELW21	ET-ELW22	ET-ELS20
F-number	2.0	2.0	2.0-2.4	1.7-2.3
Focal length	5.4-5.8 mm	13.1 mm	13.3-16.6 mm	26.9-45.4 mm
Weight	Approx. 4.0 kg/8.82 lbs	Approx. 1.08 kg/2.4 lbs	Approx. 1.20 kg/2.7 lbs	Approx. 0.9 kg/2.0 lbs

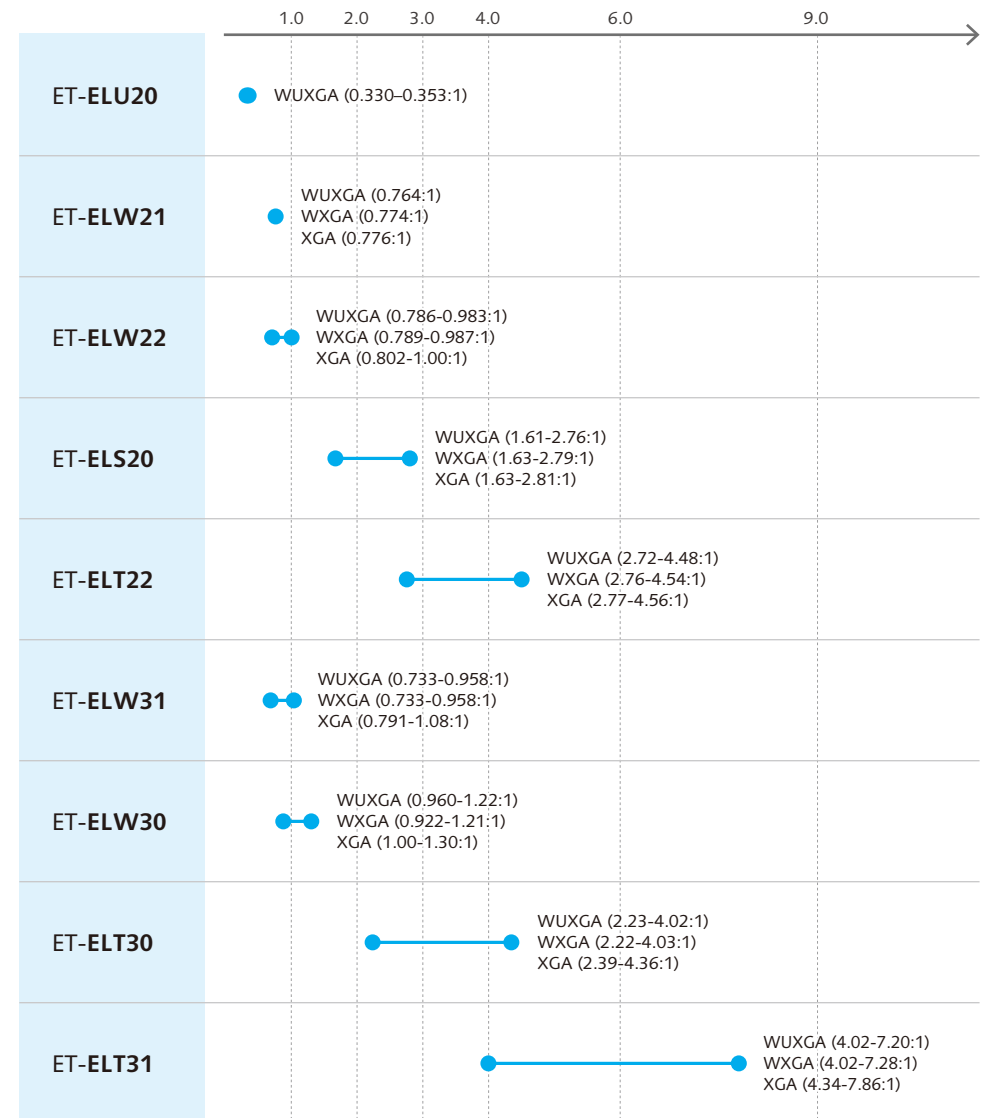
Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens
Model number	ET-ELT22	ET-ELW31	ET-ELW30	ET-ELT30
F-number	1.8-2.3	1.7-2.0	1.7-2.0	1.7-2.2
Focal length	45.6-73.8 mm	10.5-13.6 mm	13.1-17.0 mm	31.3-56.8 mm
Weight	Approx. 1.18 kg/2.6 lbs	Approx. 1.20 kg/2.6 lbs	Approx. 1.20 kg/2.6 lbs	Approx. 1.52 kg/3.4 lbs

Lens type	Zoom lens
Model number	ET-ELT31
F-number	1.7-2.3
Focal length	56.4-101.7 mm
Weight	Approx. 1.55 kg/3.4 lbs

Optional Lenses Compatibility Chart

	ET-ELU20	ET-ELW21	ET-ELW22	ET-ELS20	ET-ELT22	ET-ELW31	ET-ELW30	ET-ELT30	ET-ELT31
PT-MZ882	✓	✓	✓	✓	✓	-	-	-	-
PT-MZ782	✓	✓	✓	✓	✓	-	-	-	-
PT-MZ682	✓	✓	✓	✓	✓	-	-	-	-
PT-MZ880	✓	✓	✓	✓	✓	-	-	-	-
PT-MZ780	✓	✓	✓	✓	✓	-	-	-	-
PT-MZ680	✓	✓	✓	✓	✓	-	-	-	-
PT-EZ770Z	-	✓	✓	✓	✓	-	-	-	-
PT-EW730Z	-	✓	✓	✓	✓	-	-	-	-
PT-EX800Z	-	✓	✓	✓	✓	-	-	-	-
PT-EZ590	-	-	-	-	-	✓	✓	✓	✓
PT-EW650	-	-	-	-	-	✓	✓	✓	✓
PT-EW550	-	-	-	-	-	✓	✓	✓	✓
PT-EX620	-	-	-	-	-	✓	✓	✓	✓
PT-EX520	-	-	-	-	-	✓	✓	✓	✓

Throw Ratio



1: Except for the PT-MZ20K Series.

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

Features (Large-Venue, Installation)

Features	PT-RQ50K	PT-RQ35K	PT-RZ34K	PT-RQ25K	PT-RZ24K	PT-RQ18K	PT-RZ17K	PT-RZ14K	PT-REQ15	PT-REQ12	PT-REQ10	PT-REQ80	PT-REZ15	PT-REZ12	PT-REZ10	PT-REZ80	PT-RZ790	PT-RZ690	PT-FRQ60	PT-FRQ50	PT-FRZ60	PT-FRZ50	PT-FRZ55	
Picture Quality																								
Detail Clarity Processor	5+	5+	5	5+	5	5+	5	5	4	4	4	4	4	4	4	4	3	3	4	4	3	3	3	
System Daylight View	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	
Daylight View	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Basic	Basic	Basic	
3D Ready	-	-	✓	-	✓	-	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HDR compatible	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dynamic Contrast	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Dynamic Contrast NX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rich Color Harmonizer	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	
Rich Color Enhancer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	
Pure White Generator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	
240Hz content playback	-	✓	-	✓ ³	-	✓ ³	-	-	✓	✓	✓	✓	-	-	-	-	-	-	✓	✓	-	-	-	
Reliability																								
24/7 operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Backup Input	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	
Filter-Less	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Installation																								
Geometric Adjustment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	
Free Grid	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	
Edge Blending/Color Matching	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Multi-Unit Brightness and Color Control	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
360-degree free installation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Contrast Sync and Shutter Sync	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	
Corner Keystone	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Curved Screen Correction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Function																								
Mechanical Shutter	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Data Cloning Function	✓	✓ ²	✓ ²	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	
DIGITAL LINK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Wireless Function	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	-	-	✓ ¹	✓ ¹	-	-	-	
Mirroring Function	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
USB Memory Viewer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
USB Memory Viewer Light	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
P-in-P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Emulation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Software																								
Geometry Manager Pro	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	
Smart Projector Control	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	
Multi Monitoring & Control Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Wireless Manager	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Plug and Share	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Presenter Light	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Logo Transfer Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Projector Network Setup Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓ ⁴	✓ ⁴	✓ ⁴	

1: To operate wireless function, the optional Wireless Module is required.

2: Supported with firmware from February 2021 or later. 3: It is not supported for ET-SWR10 Real-Time Tracking Projection-Mapping System.

4: Projector Network Setup Software can be set when the main version of the firmware is 1.04 or higher.

Features	PT-MZ20KL	PT-MZ17KL	PT-MZ14KL	PT-MZ11KL	PT-MZ882	PT-MZ782	PT-MZ682	PT-MZ880	PT-MZ780	PT-MZ680	PT-EZ770Z	PT-EW730Z	PT-EX800Z	PT-EZ590	PT-EW650	PT-EW550	PT-EX620	PT-EX520	PT-FZ570	PT-FW530	PT-FX500
Picture Quality																					
Detail Clarity Processor	4	4	4	4	4	4	4	4	4	4	-	-	-	-	-	-	-	-	-	-	-
System Daylight View	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Daylight View	-	-	-	-	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic
3D Ready	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HDR compatible	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dynamic Contrast	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Dynamic Contrast NX	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rich Color Harmonizer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rich Color Enhancer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pure White Generator	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
240Hz content playback	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reliability																					
24/7 operation	-	-	-	-	-	-	-	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Backup Input	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Filter-Less	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Installation																					
Geometric Adjustment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Free Grid	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Edge Blending/Color Matching	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Multi-Unit Brightness and Color Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
360-degree free installation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Contrast Sync and Shutter Sync	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Corner Keystone	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Curved Screen Correction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
Function																					
Mechanical Shutter	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	-	✓	✓	-	-	-
Data Cloning Function	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
DIGITAL LINK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	-	✓	✓	✓
Wireless Function	✓ ¹	✓ ¹	✓ ¹	✓ ¹	-	-	-	-	-	-	-	-	-	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹
Mirroring Function	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
USB Memory Viewer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
USB Memory Viewer Light	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P-in-P	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	-	-	-	-	-	-	-	-
Emulation	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Software																					
Geometry Manager Pro	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Smart Projector Control	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Multi Monitoring & Control Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wireless Manager	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plug and Share	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Presenter Light	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
Logo Transfer Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Projector Network Setup Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-

1: To operate wireless function, the optional Wireless Module is required.

Features (Portable, Short Throw/ Ultra Short Throw)

Features	PT-VMZ71	PT-VMZ61	PT-VMZ51	PT-VMZ51S	PT-LMZ460	PT-LMZ420	PT-LMW460	PT-LMW420	PT-LMX460	PT-LMX420	PT-VZ585N	PT-VZ580	PT-VX615N	PT-VX610	PT-VW360	PT-VX430	PT-LW376	PT-LW336	PT-LB426	PT-LB386	PT-LB356	PT-LB306	PT-TMZ400	PT-TMW380	PT-TMX380	PT-TW381R	PT-TW380	PT-TX440	PT-TX350	PT-CMZ50			
Picture Quality																																	
Detail Clarity Processor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	
System Daylight View	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	
Daylight View	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	-	
3D Ready	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HDR compatible	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dynamic Contrast	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	-	-	-	-	-	✓		
Dynamic Contrast NX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rich Color Harmonizer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rich Color Enhancer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pure White Generator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
240Hz content playback	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Reliability																																	
24/7 operation	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Backup Input	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Filter-Less	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Installation																																	
Geometric Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Free Grid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Edge Blending/Color Matching	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓
Multi-Unit Brightness and Color Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
360-degree free installation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	-	-	-	-	-	-	✓	
Contrast Sync and Shutter Sync	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corner Keystone	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Curved Screen Correction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Function																																	
Mechanical Shutter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Data Cloning Function	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIGITAL LINK	✓	✓	✓	-	-	-	-	-	-	-	✓	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	
Wireless Function	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓	-	✓	-	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹		
Mirroring Function	-	-	-	-	-	-	-	-	-	-	✓	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
USB Memory Viewer	-	-	-	-	-	-	-	-	-	-	✓	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
USB Memory Viewer Light	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
P-in-P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Emulation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Software																																	
Geometry Manager Pro	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Smart Projector Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Multi Monitoring & Control Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wireless Manager	-	-	-	-	-	-	-	-	-	-	✓	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plug and Share	-	-	-	-	-	-	-	-	-	-	✓	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Presenter Light	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Logo Transfer Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Projector Network Setup Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

1: To operate wireless function, the optional Wireless Module is required.

2: PT-CMZ50 has a Grid Adjustment function similar to Free Grid, but these functions are different. Please refer to the operating manual.

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

Model Type	Model Number	PT-RQ50K	PT-RQ35K	PT-RZ34K	PT-RQ25K	PT-RZ24K	PT-RQ18K	PT-RZ17K	PT-RZ14K
Ceiling mount bracket									
High ceiling mount bracket	ET-PKD520H	-	-	-	✓	✓	✓	✓	✓
Low ceiling mount bracket	ET-PKD520S	-	-	-	✓	✓	✓	✓	✓
Projector mount bracket	ET-PKD521B	-	-	-	✓	✓	✓	✓	✓
Wireless module									
Wireless module	AJ-WM50	✓	✓	✓	✓	✓	✓	✓	✓
Peripheral									
DIGITAL LINK Switcher	ET-YFB200G	✓	✓	✓	✓	✓	✓	✓	✓
Digital Interface Box	ET-YFB100G	✓	✓	✓	✓	✓	✓	✓	✓
Software									
Early Warning Software	ET-SWA100 Series ¹	✓	✓	✓	✓	✓	✓	✓	✓
Geometry Manager Pro Upgrade Kit	ET-UK20	✓ ³	✓ ³	✓ ³	✓ ³	✓ ³	✓ ³	✓ ³	✓ ³
Auto Screen Adjustment Upgrade Kit	ET-CUK10/CUK10P ²	✓ ³	✓ ³	✓ ³	✓ ³	✓ ³	✓ ³	✓ ³	✓ ³
Interface board (SLOT NX)									
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	-	✓	✓	-	-	-	-	-
12G-SDI optical board	ET-MDNFB10	✓	✓	✓	-	-	-	-	-
DisplayPort input signal board	ET-MDNDP10	✓	✓	✓	-	-	-	-	-
Interface board (Intel® SDM)									
12G-SDI Terminal Board	TY-SB01QS	-	-	-	✓	✓	✓	✓	✓
DIGITAL LINK Terminal Board	TY-SB01DL	-	-	-	✓	✓	✓	✓	✓
Wireless Presentation System Receiver Board	TY-SB01WP	-	-	-	✓	✓	✓	✓	✓

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

2: The availability varies depending on the country.

3: Features are pre-activated, no need for activation.

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

Model Type	Model Number	PT-REQ15	PT-REQ12	PT-REQ10	PT-REQ80	PT-REZ15	PT-REZ12	PT-REZ10	PT-REZ80	PT-RZ790	PT-RZ690	PT-FRQ60	PT-FRQ50	PT-FRZ60	PT-FRZ50	PT-FRZ55	
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 (SLOT NX)																	
DVI-D input signal board	ET-MDNDV10	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
HDMI™ input signal board	ET-MDNHM10	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
12G-SDI signal board	ET-MDN12G10	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
12G-SDI optical board	ET-MDNFB10	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
DisplayPort input signal board	ET-MDNDP10	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
Interface board (Intel® SDM)																	
12G-SDI Terminal Board	TY-SB01QS	✓	✓	✓	✓	✓	✓		✓	✓	-	-	-	-	-	-	-
DIGITAL LINK Terminal Board	TY-SB01DL	✓	✓	✓	✓	✓	✓		✓	✓	-	-	-	-	-	-	-
Wireless Presentation System Receiver Board	TY-SB01WP	✓	✓	✓	✓	✓	✓		✓	✓	-	-	-	-	-	-	-

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.

4: Features are pre-activated, no need for activation.

Optional Accessories for LCD Projector (Installation)

Model Type	Model Number	PT-MZ20K	PT-MZ17K	PT-MZ14K	PT-MZ11K	PT-MZ882	PT-MZ782	PT-MZ682	PT-MZ880	PT-MZ780	PT-MZ680	PT-EZ770Z	PT-EW730Z	PT-EX800Z	PT-EZ590	PT-EW650	PT-EW550	PT-EX620	PT-EX520	PT-FZ570	PT-FW530	PT-FX500
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-WML100 ²	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
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 ⁴	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Geometry Manager Pro Upgrade Kit	ET-UK20	✓ ⁵	✓ ⁵	✓ ⁵	✓ ⁵	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Auto Screen Adjustment Upgrade Kit	ET-CUK10/CUK10P ³	✓ ⁵	✓ ⁵	✓ ⁵	✓ ⁵	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1: Recommended when used with the ET-EMU100.

2: Stock limited.

3: The availability varies depending on the country.

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

5: Features are pre-activated, no need for activation.

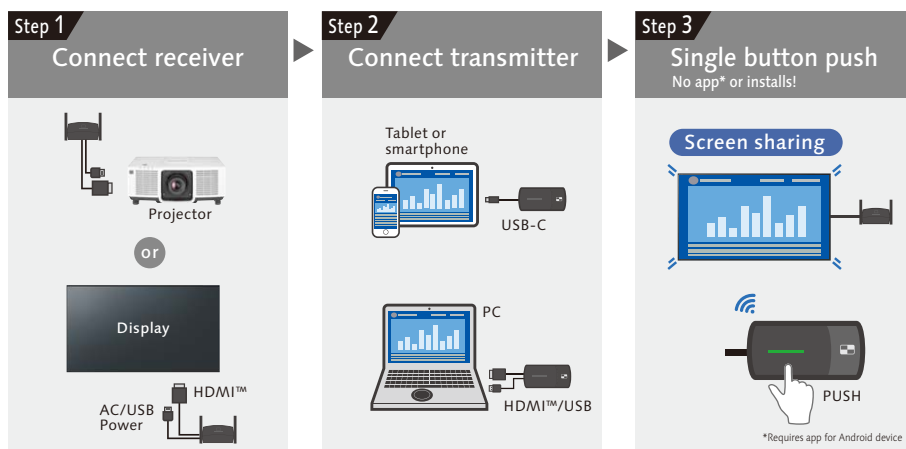
Optional Accessories for LCD Projector (Portable, Short Throw/ Ultra Short Throw)

Model Type	Model Number	PT-VMZ71	PT-VMZ61	PT-VMZ51	PT-VMZ51S	PT-LMZ460	PT-LMZ420	PT-LMW460	PT-LMW420	PT-LMX460	PT-LMX420	PT-VZ585N	PT-VZ580	PT-VX615N	PT-VX610	PT-VW360	PT-VX430	PT-LW376	PT-LW336	PT-LB426	PT-LB386	PT-LB356	PT-LB306	PT-TMZ400	PT-TMW380	PT-TMX380	PT-TW381R	PT-TW380	PT-TX440	PT-TX350	PT-CMZ50	
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓	✓	
Mount/bracket																																
High ceiling mount bracket with 6-axis adjustment mechanism	ET-PKD130H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	
High ceiling mount bracket	ET-PKD120H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	
Low ceiling mount bracket	ET-PKD120S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	
High ceiling mount bracket	ET-PKL100H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	
Low ceiling mount bracket	ET-PKL100S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	
Wall mount bracket	ET-WBC100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	
Bracket assembly	ET-PKL430B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	
Bracket assembly	ET-PKL420B	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	
Bracket assembly	ET-PKV400B	✓	✓	✓	✓	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bracket assembly	ET-PKE301B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓
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-RFL400	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	-	
Replacement filter unit	ET-RFL300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓	-	
Wireless module																																
Wireless module	ET-WML100 ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓	-	
Wireless module	AJ-WM50	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Easy wireless stick	ET-UW100	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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 ²	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	

1: Stock limited.
2: The suffix of the model number differs according to the license type.

"PressIT" is a Panasonic's Wireless Presentation System that allows easy screen collaboration with just a single press of a button on a transmitter.

- 1 Easy connections with no app
- 2 Single button push a screen sharing
- 3 Multi-screen sharing up to 4



Lineup



	Basic Set		Receiver (Box)	Receiver (Board)	Transmitter (HDMI™)		Transmitter (USB Type-C)	
Model	TY-WPS1	TY-WPSC1	TY-WPR1	TY-SB01WP	TY-WP2B1	TY-WPB1	TY-WP2BC1	TY-WPBC1
Applicable product	Flat Panel Display /Projector (Panasonic and others)			*Attachable to a display compatible with Intel® SDM specification slot.	PC/Tablet/Smartphone			
What's included?	1 Receiver (Box) x1 3 Transmitter (HDMI™) x2 5 Transmitter case x1	1 Receiver (Box) x1 4 Transmitter (USB Type-C) x2 5 Transmitter case x1	1 Receiver (Box) x1	2 Receiver x1	3 Transmitter (HDMI™) x2 5 Case x1	3 Transmitter (HDMI™) x1	4 Transmitter (USB Type-C) x2 5 Case x1	4 Transmitter (USB Type-C) x1

For more information, please visit the following website >> <https://docs.connect.panasonic.com/prodisplays/pressit/>



Providing a more realistic feeling with the 360-degree camera speakerphone



360 degree camera speakerphone

TY-CSP1

Camera	Viewing angle: 360 degrees Field of view: 360 (H) x 60 (V)
Microphone	7
Speaker	1.5 W (When supplying power from USB Type-C) or 3 W (When AC adaptor is connected)
Dimensions	Diameter φ64 mm/2.52" (excluding the pedestal part) x Height 285 mm/11.23"

Optimal Video and Audio Transmission

TY-CSP1 is a hybrid conference terminal that enables 360-degrees horizontal shooting using four cameras and features microphones and speaker that also cover a wide range of 360 degrees. It supports natural communication with people participating in web conferences with its clear sound collection and amplification.

Simple Operation

For easy set-up and use, video, audio and power are shared to the PC via a single USB Type-C cable to save labor when preparing for a meeting. Volume and Video views can be controlled using the buttons arranged on the main unit pedestal. Operating status is instantly visible from the colored LED ring on the unit, it is possible to operate it intuitively.

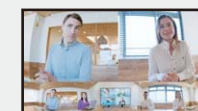
Installation and Portability

With a diameter of φ64 mm (2.52 inches) that is easy to grip, it is possible to freely carry it around inside the office and easily carry out web conferences. Alternatively, it can be attached to a tripod or set securely fastened with security slots.

360° camera speakerphone optimized for the web conferencing system "Microsoft Teams"

PressIT360 is certified for "Microsoft Teams," a collaboration platform offered by Microsoft Corporation. The optimal image and sound quality that naturally conveys the atmosphere of the conference room will elevate communication during web conferencing.

Equipped with various video modes



Dual View



Single View



Multi View



Surround View



Stable View

Panasonic slots are compatible with the Intel® SDM specification



Panasonic offers displays and projectors that are compatible with the Intel® SDM specification, a next-generation slot standard that supports 4K signals. In addition to the fixed input/output interface, the slot can be used to add optional and third party function boards*, and can be utilized for a wide range of applications such as signage, information displays in companies and schools, and entertainment. The interface board is inserted into the slot, so it does not affect the installation layout.

What is Intel® SDM?

- 4K compatible next-generation slot standard provided by Intel® "Intel® Smart Display Module (Intel® SDM)".
- There are two standards, Intel® SDM Small (Intel® SDM-S) and Intel® SDM Large (Intel® SDM-L), and our supported models are compatible with both types.



Advantages of Intel® SDM?

- No need for external players or signal conversion devices.
- No need to wire power cables, video cables, etc., allowing for a neat and tidy layout with just the display.
- System flexibility. Depending on the application, different functions can be added by replacing the function board.
- Third party function boards* can be used.

* The transmission method to the slot must be by HDMI™ signal.

Our peripheral equipment



12G-SDI Terminal Board
TY-SB01QS



Wireless Presentation System
Receiver Board
TY-SB01WP



DIGITAL LINK Terminal Board
TY-SB01DL



12G-SDI Optical Function Board
TY-SB01FB

For more information, please visit the website
>>> <https://docs.connect.panasonic.com/prodisplays/solutions/technology/slot/sdm/>

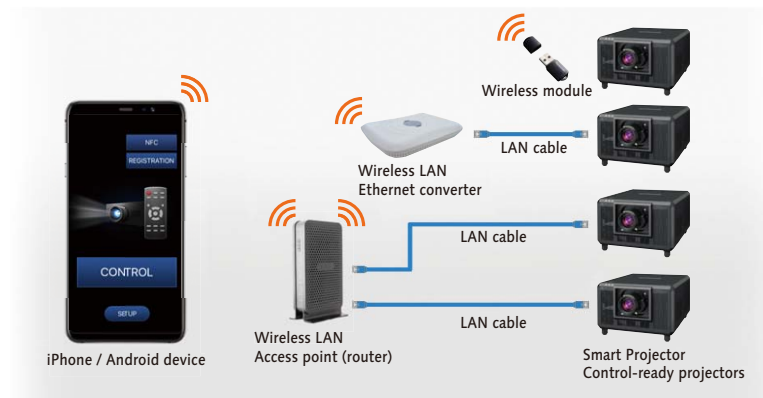
Smart Projector Control

SOFTWARE

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)



Control screen



Test pattern screen



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



For more information, please visit the website. >>> <https://docs.connect.panasonic.com/projector/download/application/smartpj/>

Large-Venue
Installation
Portable
Short Throw/
Ultra Short Throw
Media Processor
Lenses
Features
Options
Software/Apps
PressIT/Intel® SDM

Geometric Adjustment Feature and Upgrade Kits Expand Projection Capability

FEATURES

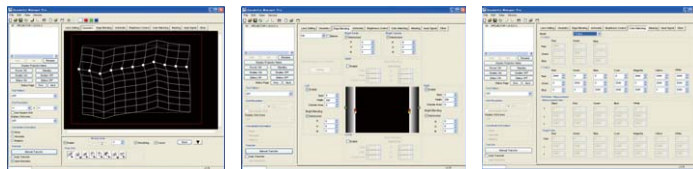
Flexible projection with a peripheral system turns image viewing into a memorable experience. Panasonic offers features that provide truly unique applications.

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.



Geometry

Edge blending

Color matching

■ 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-RQ35K	PT-RZ34K	PT-RQ25K	PT-RZ24K	PT-RQ18K	PT-RQ17K	PT-RZ14K	PT-REQ15	PT-REQ12	PT-REQ10	PT-REQ80	PT-REZ15	PT-REZ12	PT-REZ10	PT-REZ80
Geometric Adjustment	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Geometry Manager Pro Software	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ET-UK20	Yes ²	Yes ²	Yes ²	Yes ²	Yes ²	Yes ²	Yes ²	Yes ²	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ET-CUK10/CUK10P ¹	Yes ²	Yes ²	Yes ²	Yes ²	Yes ²	Yes ²	Yes ²	Yes ²	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

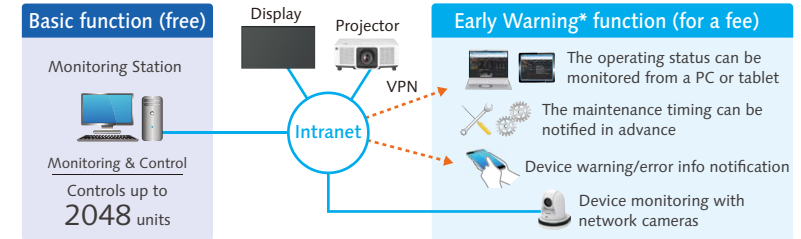
	PT-RZ790	PT-RZ690	PT-FRQ60	PT-FRQ50	PT-MZ20K	PT-MZ17K	PT-MZ14K	PT-MZ11K	PT-MZ882	PT-MZ782	PT-MZ682	PT-MZ880	PT-MZ780	PT-MZ680
Geometric Adjustment	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Geometry Manager Pro Software	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ET-UK20	Yes	Yes	No	No	Yes ²	Yes ²	Yes ²	Yes ²	No	No	No	No	No	No
ET-CUK10/CUK10P ¹	Yes	Yes	No	No	Yes ²	Yes ²	Yes ²	Yes ²	No	No	No	No	No	No

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 pre-activated, 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.

Early Warning Function (ET-SWA100)

Maintenance Scheduling Suggestion³

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.

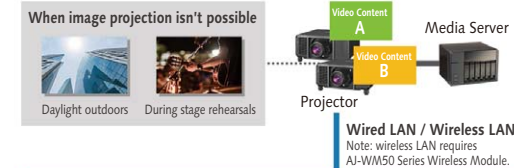


The captured image when an abnormality happens is stored

Free 90-day trial

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.

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.



- 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 >>> <https://docs.connect.panasonic.com/projector/pass/>

Large-Venue
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Panasonic CONNECT

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. The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade Dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. HDBaseT™ is a trademark of the HDBaseT Alliance. All other trademarks are the property of their respective trademark owners. Projection images simulated. © 2024 Panasonic Connect Co., Ltd. All rights reserved.



For more information about Panasonic projectors
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Panasonic projectors: YouTube channel
www.youtube.com/user/PanasonicProjector

All information included here is valid as of June 2024.