

Panasonic

Professional Projectors

MEVIX

Line-up catalog

February 2026



Panasonic

Weights and dimensions shown are approximate. Specifications and appearance are subject to change without notice. Product availability differs depending on region and country. These products may be subject to export control regulations. Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. DLP is a trademark or registered trademark of Texas Instruments. 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. All other trademarks are the property of their respective trademark owners. Projection images simulated. © Panasonic Projector & Display Corporation All rights reserved.



For more information about Panasonic projectors
<https://docs.connect.panasonic.com/projector/>
Panasonic projectors: facebook page
www.facebook.com/panasonicprojectoranddisplay/
Panasonic projectors: YouTube channel
www.youtube.com/user/PanasonicProjector

All information included here is valid as of February 2026.

LINEUP-G60



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



NEW



● **PT-RQ35K2** >P3
30,500 lm



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



● **PT-RZ34K2** >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



10,000 lm



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



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



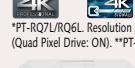
● **PT-REZ15 Series** >P9
8,000-15,000 lm



● **PT-FRQ60 Series** >P13
5,200-6,000 lm



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



*PT-RQ7L/RQ6L. Resolution 3840 x 2160 pixels (Quad Pixel Drive: ON). **PT-RZ7L/RZ6L.



● **PT-FRZ60 Series** >P14
5,200-6,000 lm



● **PT-FRZ55** >P14
5,000 lm



5,000 lm



● **PT-MZ20K Series** >P15
11,000-20,000 lm



● **PT-MZ882 Series** >P17
6,500-8,200 lm



● **PT-VMZ82 Series** >P19
6,500-8,000 lm



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



● **PT-VMZ51/VMZ5ES** >P20
5,200 lm



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



● **PT-LMZ460/LMZ420** >P21
4,200-4,600 lm



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



● **PT-VMZ7ST Series** >P23
6,200-7,000 lm



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



● **PT-CMZ50** >P24
5,200 lm



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



● **PT-TMZ400** >P24
4,000 lm



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

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

Large-Venue



		PT-RQ50K	PT-RQ35K2	PT-RZ34K2
				
		50,000 lm / 51,000 lm (Center) ⁷ Native 4K * Lens sold separately.	30,500 lm / 32,000 lm (Center) ⁷ 4K ¹³ * Lens sold separately.	30,500 lm / 32,000 lm (Center) ⁷ WUXGA * Lens sold separately.
		   	   	   
Projector type	DLP Chip	3-Chip DLP™ Projector	3-Chip DLP™ Projector	3-Chip DLP™ Projector
	Panel size	35.1 mm (1.38 in)	24.4 mm (0.96 in)	24.4 mm (0.96 in)
Light source	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 ¹		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% ²		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) ¹³	WUXGA (1,920 x 1,200)
Contrast ratio (all white/all black)		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) ¹⁵	1.78-25.4 m (70-1,000 in) ¹⁵
Lens shift ³		Vertical: ±45 % ⁸ , Horizontal: ±16 % ⁸ (powered)	Vertical: ±55 % ¹⁶ , Horizontal: ±20 % ¹⁶ (powered)	Vertical: ±55 % ¹⁶ , Horizontal: ±20 % ¹⁶ (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 x 2, 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 x 1, 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] 2,480 W / [ECO] 1,960 W [QUIET] 1,610 W	[NORMAL] 2,370 W / [ECO] 1,870 W [QUIET] 1,520 W
Heat output		Max. 13,560 BTU/h	Max. 8,713 BTU/h	Max. 8,371 BTU/h
Operation noise		52 dB	49 dB (NORMAL/ECO)/46 dB (QUIET)	49 dB (NORMAL/ECO)/46 dB (QUIET)
Dimensions (W x H ⁴ x D ⁵)		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)
Weight ⁶		Approx. 126 kg/278 lbs	Approx. 69.8 kg/154 lbs	Approx. 68.6 kg/152 lbs
Optional accessories		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) ^{11,12}	ET-D75MKS10 (Stepping Motor Kit) 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) ^{11,12}	ET-D75MKS10 (Stepping Motor Kit) 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-TBN03G (3G-SDI Input Board) ET-MDNDP10 (DisplayPort Input Board) ET-MDNFB10 (12G-SDI Optical Input Board) ET-NUK10 (NFC Upgrade Kit) ^{11,12}
Optional lens		Yes (see the Optional Lenses page: P27)	Yes (see the Optional Lenses page: P29)	Yes (see the Optional Lenses page: P29)

1: Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Result of brightness measured complied with ISO/IEC 21118: 2020 and ANSI will be same. 2: 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. 3: The lens shift cannot be used or its range of operation is limited with a fixed-focus lens. 4: Height: with legs at shortest position. 5: Depth: protruding parts not included. 6: Average value. Each product has an individual variable in weight.

7: Lumineance 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: The availability varies depending on the country. 12: To use NFC function, Smart Projector Control App is required. 13: Resolution 3,840 x 2,400 Pixels (QUAD PIXEL DRIVE: ON) 14: ET-SUK10 is required. 15: 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. 16: Vertical ±44 % and horizontal ±15 % with the ET-D75LE6/ET-D3LEW60. 17: HDMI™/DIGITAL LINK input only.

Smart Projector Control

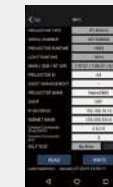
FEATURES



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-RQ35K2 Series, PT-RQ25K Series, PT-REQ15 Series, PT-REZ15 Series and PT-MZ20K Series only.

Auto Focus Function

- The lens focus can be adjusted with the remote control or smartphone
- 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.

Smart Projector Control detail page:
>>> <https://docs.connect.panasonic.com/projector/products/smartpjcontrol/>

Large-Venue



PT-RQ25K



20,000 lm / 21,000 lm (Center)⁸ 4K7
* Lens sold separately.



PT-RZ24K



20,000 lm / 21,000 lm (Center)⁸ WUXGA
* Lens sold separately.



PT-RQ18K



16,000 lm / 16,800 lm (Center)⁸ 4K7
* Lens sold separately.



PT-RZ17K



16,000 lm / 16,800 lm (Center)⁸ WUXGA
* Lens sold separately.



Projector type		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)
	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	2,304,000 (1,920 x 1,200) pixels x 3	2,304,000 (1,920 x 1,200) pixels
Light source		Laser diodes	Laser diodes	Laser diodes	Laser diodes
Light output ¹		20,000 lm / 21,000 lm (Center) ⁸	20,000 lm / 21,000 lm (Center) ⁸	16,000 lm / 16,800 lm (Center) ⁸	16,000 lm / 16,800 lm (Center) ⁸
Time until light output declines to 50% ²		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) ⁷	WUXGA (1,920 x 1,200)	4K (3,840 x 2,400) ⁷	WUXGA (1,920 x 1,200)
Contrast ratio (all white/all black)		25,000:1	25,000:1	25,000:1	25,000:1
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
Lens shift ³		Vertical: ±66 % ¹⁰ , Horizontal: ±24 % ¹⁰ (powered)	Vertical: ±66 % ¹⁰ , Horizontal: ±24 % ¹⁰ (powered)	Vertical: ±66 % ¹⁰ , Horizontal: ±24 % ¹⁰ (powered)	Vertical: ±66 % ¹⁰ , Horizontal: ±24 % ¹⁰ (powered)
Filter Replacement Cycle		- (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] 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] 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] 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 [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] 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] 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] 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)]
Power supply		AC100 V-120 V/AC 200 V-240 V, 50 Hz/60 Hz ¹²	AC100 V-120 V/AC 200 V-240 V, 50 Hz/60 Hz ¹²	AC100 V-120 V/AC 200 V-240 V, 50 Hz/60 Hz ¹²	AC100 V-120 V/AC 200 V-240 V, 50 Hz/60 Hz ¹²
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)
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
Heat output		Max. 5,091 BTU/h	Max. 5,023 BTU/h	Max. 4,066 BTU/h	Max. 3,998 BTU/h
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)
Dimensions (W x H ⁴ x D ⁵)		550 x 269 x 570 mm (21-5/8 x 10-19/32 x 22-7/16 in)	550 x 269 x 570 mm (21-5/8 x 10-19/32 x 22-7/16 in)	550 x 269 x 570 mm (21-5/8 x 10-19/32 x 22-7/16 in)	550 x 269 x 570 mm (21-5/8 x 10-19/32 x 22-7/16 in)
Weight ⁶		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) AJ-WM50 (Wireless Module) ¹³ ET-NUK10 (NFC Upgrade Kit) ^{13,14} TY-SB01QS (12G-SDI Input Board) TY-SB01FB (12G-SDI Optical Function Board) ¹³ TY-SB01DL (DIGITAL LINK Terminal 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) AJ-WM50 (Wireless Module) ¹³ ET-NUK10 (NFC Upgrade Kit) ^{13,14} TY-SB01QS (12G-SDI Input Board) TY-SB01FB (12G-SDI Optical Function Board) ¹³ TY-SB01DL (DIGITAL LINK Terminal 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) AJ-WM50 (Wireless Module) ¹³ ET-NUK10 (NFC Upgrade Kit) ^{13,14} TY-SB01QS (12G-SDI Input Board) TY-SB01FB (12G-SDI Optical Function Board) ¹³ TY-SB01DL (DIGITAL LINK Terminal 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) AJ-WM50 (Wireless Module) ¹³ ET-NUK10 (NFC Upgrade Kit) ^{13,14} TY-SB01QS (12G-SDI Input Board) TY-SB01FB (12G-SDI Optical Function Board) ¹³ TY-SB01DL (DIGITAL LINK Terminal Board)
Optional lens		Yes (see the Optional Lenses page: P29)	Yes (see the Optional Lenses page: P29)	Yes (see the Optional Lenses page: P29)	Yes (see the Optional Lenses page: P29)

1: Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Result of brightness measured complied with ISO/IEC 21118: 2020 and ANSI will be same. 2: 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. 3: The lens shift cannot be used or its range of operation is limited with a fixed-focus lens. 4: Height: With the feet at shortest position. 5: Depth: protruding parts not included. 6: Average value. Each product has an individual variable in weight.

7: Resolution 3,840 x 2,400 Pixels (QUAD PIXEL DRIVE: ON) 8: Luminance measured at center of screen. 9: 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. 10: Vertical ±52 % and horizontal ±18 % with the ET-D75LE6/ET-D3LEW60. 11: For USB Memory Stick / optional Wireless Module (AJ-WM50) 12: The maximum light output is limited to approximately 15,000 lm or less when using the projector with AC 100 V to AV 120 V. 13: The availability varies depending on the country. 14: To use NFC function, Smart Projector Control App is required.

Installation



PT-REQ15 PT-REQ15L⁷



15,000 lm/15,500 lm (Center)⁸ 4K



PT-REQ12 PT-REQ12L⁷



12,000 lm / 12,400 lm (Center)⁸ 4K
* Available in black/white cabinet.



PT-REQ10 PT-REQ10L⁷



10,000 lm / 10,300 lm (Center)⁸ 4K
* Available in black/white cabinet.



PT-REQ80 PT-REQ80L⁷



8,000 lm / 8,200 lm (Center)⁸ 4K
* Available in black/white cabinet.



Projector type		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)	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
	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	Laser diode	Laser diode	Laser diode
Light output ¹		15,000 lm / 15,500 lm (Center) ⁸	12,000 lm / 12,400 lm (Center) ⁸	10,000 lm / 10,300 lm (Center) ⁸	8,000 lm / 8,200 lm (Center) ⁸
Time until light output declines to 50% ²		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) ⁹	4K (3,840 x 2,400) ⁹	4K (3,840 x 2,400) ⁹	4K (3,840 x 2,400) ⁹
Contrast ratio (all white/all black)		25,000:1	25,000:1	25,000:1	25,000:1
Screen size (diagonal)		1.78-25.4 m (70-1,000 in) ¹⁰	1.78-25.4 m (70-1,000 in) ¹⁰	1.78-25.4 m (70-1,000 in) ¹⁰	1.78-25.4 m (70-1,000 in) ¹⁰
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)
Lens shift ³		Vertical: ±60 % ¹¹ , Horizontal: ±29 % ¹¹ (powered)	Vertical: ±60 % ¹¹ , Horizontal: ±29 % ¹¹ (powered)	Vertical: ±60 % ¹¹ , Horizontal: ±29 % ¹¹ (powered)	Vertical: ±60 % ¹¹ , Horizontal: ±29 % ¹¹ (powered)
Filter Replacement Cycle		- (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)]
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
Maximum power consumption		1,140 W	1,030 W	870 W	760 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)
Heat output		Max. 3,890 BTU/h	Max. 3,515 BTU/h	Max. 2,970 BTU/h	Max. 2,594 BTU/h
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)
Dimensions (W x H ⁴ x D ⁵)		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)
Weight ⁶		Approx. 28.7 kg/63.3 lbs (27.0 kg/59.5 lbs ⁷)	Approx. 28.7 kg/63.3 lbs (27.0 kg/59.5 lbs ⁷)	Approx. 28.7 kg/63.3 lbs (27.0 kg/59.5 lbs ⁷)	Approx. 28.7 kg/63.3 lbs (27.0 kg/59.5 lbs ⁷)
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) AJ-WM50 (Wireless Module) ¹³ ET-NUK10 [NFC Upgrade Kit] ^{13,14} ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) TY-SB01QS (12G-SDI Terminal Board) TY-SB01FB (12G-SDI Optical Function Board) ¹³ TY-SB01DL (DIGITAL LINK Terminal 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) AJ-WM50 (Wireless Module) ¹³ ET-NUK10 [NFC Upgrade Kit] ^{13,14} ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) TY-SB01QS (12G-SDI Terminal Board) TY-SB01FB (12G-SDI Optical Function Board) ¹³ TY-SB01DL (DIGITAL LINK Terminal 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) AJ-WM50 (Wireless Module) ¹³ ET-NUK10 [NFC Upgrade Kit] ^{13,14} ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) TY-SB01QS (12G-SDI Terminal Board) TY-SB01FB (12G-SDI Optical Function Board) ¹³ TY-SB01DL (DIGITAL LINK Terminal 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) AJ-WM50 (Wireless Module) ¹³ ET-NUK10 [NFC Upgrade Kit] ^{13,14} ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) TY-SB01QS (12G-SDI Terminal Board) TY-SB01FB (12G-SDI Optical Function Board) ¹³ TY-SB01DL (DIGITAL LINK Terminal Board)
Optional lens		Yes (see the Optional Lenses page: P31)	Yes (see the Optional Lenses page: P31)	Yes (see the Optional Lenses page: P31)	Yes (see the Optional Lenses page: P31)

1: Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Result of brightness measured complied with ISO/IEC 21118: 2020 and ANSI will be same. 2: 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. 3: The lens shift cannot be used with a fixed-focus lens. 4: Height: with legs at shortest position. 5: Depth: including the supplied lens. Depth: 538 mm (21-3/16 in) for the lens-less models.

6: Average value. Each product has an individual variable in weight. 7: Lens-less model. 8: Luminaance measured at center of screen. 9: With Quad Pixel Drive: ON. 10: With the supplied lens (ET-C1S600). 11: Vertical ±50 % (with ET-C1W300/U100), +78-88 % (with ET-C1U200). Horizontal ±23 % (with ET-C1W300/U100), ±9 % (with ET-C1U200) 12: For USB Memory Stick / optional Wireless Module (AJ-WM50) 13: The availability varies depending on the country. 14: To use NFC function, Smart Projector Control App is required.

Installation



PT-REZ15 PT-REZ15L⁷



15,000 lm/15,500 lm (Center)⁸ | WUXGA



PT-REZ12 PT-REZ12L⁷



12,000 lm / 12,400 lm (Center)⁸ | WUXGA
* Available in black/white cabinet.



PT-REZ10 PT-REZ10L⁷



10,000 lm / 10,300 lm (Center)⁸ | WUXGA
* Available in black/white cabinet.



PT-REZ80 PT-REZ80L⁷



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



Projector type		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)	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
	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	Laser diode	Laser diode	Laser diode
Light output ¹		15,000 lm / 15,500 lm (Center) ⁸	12,000 lm / 12,400 lm (Center) ⁸	10,000 lm / 10,300 lm (Center) ⁸	8,000 lm / 8,200 lm (Center) ⁸
Time until light output declines to 50% ²		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)
Contrast ratio (all white/all black)		25,000:1	25,000:1	25,000:1	25,000:1
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
Lens (throw ratio)		F 1.84-2.31, f 23.9-37.2 mm (1.36-2.10:1) (PT-REZ15)	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)
Lens shift ³		Vertical: ±60 % ¹⁰ , Horizontal: ±29 % ¹⁰ (powered)	Vertical: ±60 % ¹⁰ , Horizontal: ±29 % ¹⁰ (powered)	Vertical: ±60 % ¹⁰ , Horizontal: ±29 % ¹⁰ (powered)	Vertical: ±60 % ¹⁰ , Horizontal: ±29 % ¹⁰ (powered)
Filter Replacement Cycle		- (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)]	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)]
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
Maximum power consumption		1,090 W	995 W	840 W	730 W
On-mode power consumption		[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)	[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)
Heat output		Max. 3,720 BTU/h	Max. 3,395 BTU/h	Max. 2,866 BTU/h	Max. 2,491 BTU/h
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)
Dimensions (W x H ⁴ x D ⁵)		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)
Weight ⁶		Approx. 28.7 kg/63.3 lbs (27.0 kg/59.5 lbs ⁷)	Approx. 28.7 kg/63.3 lbs (27.0 kg/59.5 lbs ⁷)	Approx. 28.7 kg/63.3 lbs (27.0 kg/59.5 lbs ⁷)	Approx. 28.7 kg/63.3 lbs (27.0 kg/59.5 lbs ⁷)
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) AJ-WM50 (Wireless Module) ¹² ET-NUK10 [NFC Upgrade Kit] ^{12,13} ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) TY-SB01QS (12G-SDI Terminal Board) TY-SB01FB (12G-SDI Optical Function Board) ¹² TY-SB01DL (DIGITAL LINK Terminal 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) AJ-WM50 (Wireless Module) ¹² ET-NUK10 [NFC Upgrade Kit] ^{12,13} ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) TY-SB01QS (12G-SDI Terminal Board) TY-SB01FB (12G-SDI Optical Function Board) ¹² TY-SB01DL (DIGITAL LINK Terminal 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) AJ-WM50 (Wireless Module) ¹² ET-NUK10 [NFC Upgrade Kit] ^{12,13} ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) TY-SB01QS (12G-SDI Terminal Board) TY-SB01FB (12G-SDI Optical Function Board) ¹² TY-SB01DL (DIGITAL LINK Terminal 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) AJ-WM50 (Wireless Module) ¹² ET-NUK10 [NFC Upgrade Kit] ^{12,13} ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) TY-SB01QS (12G-SDI Terminal Board) TY-SB01FB (12G-SDI Optical Function Board) ¹² TY-SB01DL (DIGITAL LINK Terminal Board)
Optional lens		Yes (see the Optional Lenses page: P31)	Yes (see the Optional Lenses page: P31)	Yes (see the Optional Lenses page: P31)	Yes (see the Optional Lenses page: P31)

1: Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118:2020 international standards. Result of brightness measured complied with ISO/IEC 21118:2020 and ANSI will be same. 2: 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. 3: The lens shift cannot be used with a fixed-focus lens. 4: Height: with legs at shortest position.

5: Depth: including the supplied lens. Depth: 538 mm (21-3/16 in) for the lens-less models. 6: Average value. Each product has an individual variable in weight. 7: Lens-less model. 8: Luminance measured at center of screen. 9: With the supplied lens (ET-C15600). 10: Vertical ±50 % (with ET-C1W300/U100), ±78-88 % (with ET-C1U200). Horizontal ±23 % (with ET-C1W300/U100), ±9 % (with ET-C1U200) 11: For USB Memory Stick / optional Wireless Module (AJ-WM50) 12: The availability varies depending on the country. 13: To use NFC function, Smart Projector Control App is required.

Installation



PT-RQ7L



7,500 lm / 7,700 lm (Center)⁷ 4K
* Lens sold separately.



PT-RQ6L



6,500 lm / 6,700 lm (Center)⁷ 4K
* Lens sold separately.



PT-RZ7L



7,500 lm / 7,700 lm (Center)⁷ WUXGA
* Lens sold separately. * Available in black/white cabinet.



PT-RZ6L



6,500 lm / 6,700 lm (Center)⁷ WUXGA
* Lens sold separately. * Available in black/white cabinet.



Projector type		1-Chip DLP™ Projector	1-Chip DLP™ Projector	1-Chip DLP™ Projector	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 (1920 x 1080 pixels)	2,073,600 (1920 x 1080 pixels)	2,304,000 (1,920 x 1,200) pixels	2,304,000 (1,920 x 1,200) pixels
Light source		Laser diode	Laser diode	Laser diode	Laser diode
Light output¹		7,500 lm / 7,700 lm (Center) ⁷	6,500 lm / 6,700 lm (Center) ⁷	7,500 lm / 7,700 lm (Center) ⁷	6,500 lm / 6,700 lm (Center) ⁷
Time until light output declines to 50%²		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 (3840 x 2160) ⁸	4K (3840 x 2160) ⁸	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)
Contrast ratio (all white/all black)		15,000:1	15,000:1	15,000:1	15,000:1
Screen size (diagonal)		1.27-15.24 m (50-600 in) ⁹	1.27-15.24 m (50-600 in) ⁹	1.27-15.24 m (50-600 in) ⁹	1.27-15.24 m (50-600 in) ⁹
Lens (throw ratio)		Optional lens	Optional lens	Optional lens	Optional lens
Lens shift³		Vertical: +66 %/-18 % ¹⁰ , Horizontal: +30 %/-10 % ¹⁰ (powered)	Vertical: +66 %/-18 % ¹⁰ , Horizontal: +30 %/-10 % ¹⁰ (powered)	Vertical: +60 %/-16 % ¹⁰ , Horizontal: +30 %/-10 % ¹⁰ (powered)	Vertical: +60 %/-16 % ¹⁰ , Horizontal: +30 %/-10 % ¹⁰ (powered)
Filter Replacement Cycle		- (No filter)	- (No filter)	- (No filter)	- (No filter)
Terminals		HDMI™ in [HDMI™ 19-pin x 2] Serial in/out [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1] Remote in [M3 x 1] Remote out [M3 x 1] LAN/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] USB (DC out) [USB type-A x 1 ¹¹] Slot [Vacant for compatible input boards (optional)]	HDMI™ in [HDMI™ 19-pin x 2] Serial in/out [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1] Remote in [M3 x 1] Remote out [M3 x 1] LAN/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] USB (DC out) [USB type-A x 1 ¹¹] Slot [Vacant for compatible input boards (optional)]	HDMI in [HDMI 19-pin x 2] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1] Remote in [M3 x 1] Remote out [M3 x 1] LAN/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] USB (DC out) [USB type-A x 1 ¹¹] Slot [Vacant for compatible input boards (optional)]	HDMI in [HDMI 19-pin x 2] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1] Remote in [M3 x 1] Remote out [M3 x 1] LAN/DIGITAL LINK [RJ-45 x 1] LAN [RJ-45 x 1] USB (DC out) [USB type-A x 1 ¹¹] Slot [Vacant for compatible input 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
Maximum power consumption		670 W	600 W	660 W	590 W
On-mode power consumption		[NORMAL] 540 W (AC 100-120 V), 520 W (AC 200-240 V) [ECO] 410 W (AC 100-120 V), 400 W (AC 200-240 V) [QUIET] 410 W (AC 100-120 V), 400 W (AC 200-240 V)	[NORMAL] 470 W (AC 100-120 V), 450 W (AC 200-240 V) [ECO] 360 W (AC 100-120 V), 350 W (AC 200-240 V) [QUIET] 360 W (AC 100-120 V), 350 W (AC 200-240 V)	[NORMAL] 530 W (AC 100-120 V), 510 W (AC 200-240 V) [ECO] 400 W (AC 100-120 V), 390 W (AC 200-240 V) [QUIET] 400 W (AC 100-120 V), 390 W (AC 200-240 V)	[NORMAL] 460 W (AC 100-120 V), 440 W (AC 200-240 V) [ECO] 350 W (AC 100-120 V), 340 W (AC 200-240 V) [QUIET] 350 W (AC 100-120 V), 340 W (AC 200-240 V)
Heat output		Max. 2,290 BTU/h	Max 2,051 BTU/h	Max 2,256 BTU/h	Max 2,016 BTU/h
Operation noise		35 dB (NORMAL/ECO)/32 dB (QUIET)	34 dB (NORMAL/ECO)/31 dB (QUIET)	35 dB (NORMAL/ECO)/32 dB (QUIET)	34 dB (NORMAL/ECO)/31 dB (QUIET)
Dimensions (W x H⁴ x D⁵)		498 x 170 x 440 mm (19-19/32 x 6-11/16 x 17-5/16 in)	498 x 170 x 440 mm (19-19/32 x 6-11/16 x 17-5/16 in)	498 x 170 x 440 mm (19-19/32 x 6-11/16 x 17-5/16 in)	498 x 170 x 440 mm (19-19/32 x 6-11/16 x 17-5/16 in)
Weight⁶		Approx. 16.6 kg/36.6 lbs	Approx. 16.6 kg/36.6 lbs	Approx. 16.6 kg/36.6 lbs	Approx. 16.6 kg/36.6 lbs
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) AJ-WM50 (Wireless Module) ^{12,13} ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) TY-SB01QS (12G-SDI Terminal Board) TY-SB01FB (12G-SDI Optical Function Board) ¹²	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) AJ-WM50 (Wireless Module) ^{12,13} ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) TY-SB01QS (12G-SDI Terminal Board) TY-SB01FB (12G-SDI Optical Function Board) ¹²	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) AJ-WM50 (Wireless Module) ^{12,13} ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) TY-SB01QS (12G-SDI Terminal Board) TY-SB01FB (12G-SDI Optical Function Board) ¹²	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) AJ-WM50 (Wireless Module) ^{12,13} ET-UK20 (Geometry Manager Pro Upgrade kit) ET-CUK10/CUK10P (Auto Screen Adjustment Upgrade Kit) TY-SB01QS (12G-SDI Terminal Board) TY-SB01FB (12G-SDI Optical Function Board) ¹²
Optional lens		Yes (see the Optional Lenses page: P33)	Yes (see the Optional Lenses page: P33)	Yes (see the Optional Lenses page: P33)	Yes (see the Optional Lenses page: P33)

1: Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Result of brightness measured complied with ISO/IEC 21118: 2020 and ANSI will be same. 2: 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 operation mode. 3: The lens shift cannot be used with a fixed-focus lens. 4: Height: with legs at shortest position.

5: Depth: Not including lens or protruding parts. 6: Average value. Each product has an individual variable in weight. 7: Luminescence measured at center of screen. 8: With Quad Pixel Drive: ON. 9: With the supplied lens (ET-DLE170). 10: With ET-DLE150/ET-DLE170/ET-DLE250/ET-DLE350/ET-DLE450 11: For USB Memory Stick / optional Wireless Module (AJ-WM50) and for power supply (DC 5V up to 2A) 12: The availability varies depending on the country. 13: It is required when using the Smart Projector Control App.

Installation



PT-FRQ60



6,000 lm / 6,200 lm (Center)⁶ 4K⁵
* Available in black/white cabinet.



PT-FRQ50



5,200 lm / 5,400 lm (Center)⁶ 4K⁵
* Available in black/white cabinet.



PT-FRZ60



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



PT-FRZ50



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



PT-FRZ55⁸



5,000 lm / 5,200 lm (Center)⁶ 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	16.5 mm (0.65 in)	16.5 mm (0.65 in)	17.0 mm (0.67 in)	17.0 mm (0.67 in)	17.0 mm (0.67 in)
	Aspect ratio	16:9	16:9	16:10	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	2,304,000 (1,920 x 1,200) pixels
	Light source	Laser diode	Laser diode	Laser diode	Laser diode	Laser diode
Light output ¹		6,000 lm / 6,200 lm (Center) ⁶	5,200 lm / 5,400 lm (Center) ⁶	6,000 lm / 6,200 lm (Center) ⁶	5,200 lm / 5,400 lm (Center) ⁶	5,000 lm / 5,200 lm (Center) ⁶
Time until light output declines to 50% ²		20,000 hours (NORMAL)/ 24,000 hours (ECO)/ 20,000 hours (QUIET)	20,000 hours (NORMAL)/ 24,000 hours (ECO)/ 20,000 hours (QUIET)	20,000 hours (NORMAL)/ 24,000 hours (ECO)/ 20,000 hours (QUIET)	20,000 hours (NORMAL)/ 24,000 hours (ECO)/ 20,000 hours (QUIET)	20,000 hours (NORMAL)/24,000 hours (ECO)/ 24,000 hours (QUIET)/43,000 hours (LONG LIFE1)/ 61,000 hours (LONG LIFE2)/87,000 hours (LONG LIFE3)
Resolution		4K (3,840 x 2,160) ⁵	4K (3,840 x 2,160) ⁵	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)
Contrast ratio (all white/all black)		20,000:1	20,000:1	20,000:1	20,000:1	20,000:1
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)	1.02-7.62 m (40-300 in)	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)	F 2.0-3.4, f 21.5-43.0 mm (1.46-2.93:1)	F 2.0-3.4, f 21.5-43.0 mm (1.46-2.94:1)	F 2.0-3.4, f 21.5-43.0 mm (1.46-2.94:1)	Fixed zoom/Auto Focus Lenses (Short throw) (0.8:1)
Lens shift		Vertical: +71 %/-48 %, Horizontal: +34 %/-27 % (manual)	Vertical: +71 %/-48 %, Horizontal: +34 %/-27 % (manual)	Vertical: +64 %/-44 %, Horizontal: +34 %/-27 % (manual)	Vertical: +64 %/-44 %, Horizontal: +34 %/-27 % (manual)	Vertical: ±4.4 %, Horizontal: ±2.1 % (powered)
Filter Replacement Cycle		- (No filter)	- (No filter)	- (No filter)	- (No filter)	- (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	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	Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in/1 out [D-sub HD 15-pin x 1] HDMI™ in [HDMI™ 19-pin x 2] Video in [Pin jack x 1] Audio in 1 [Pin jack x 2 (L, R)] Audio in 2/3 [M3 x 2] Variable audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/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)]	Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in/1 out [D-sub HD 15-pin x 1] HDMI™ in [HDMI™ 19-pin x 2] Video in [Pin jack x 1] Audio in 1 [Pin jack x 2 (L, R)] Audio in 2/3 [M3 x 2] Variable audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/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)]	Computer 1 in [D-sub HD 15-pin x 1] Computer 2 in/1 out [D-sub HD 15-pin x 1] HDMI™ in [HDMI™ 19-pin x 2] Video in [Pin jack x 1] Audio in 1 [Pin jack x 2 (L, R)] Audio in 2/3 [M3 x 2] Variable audio out [M3 x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/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		505 W	480 W	540 W	465 W	465 W
On-mode power consumption		[NORMAL] 445 W [ECO] 355 W [QUIET] 355 W	[NORMAL] 420 W [ECO] 330 W [QUIET] 330 W	[NORMAL] 490 W [ECO] 385 W [QUIET] 385 W	[NORMAL] 370 W [ECO] 295 W [QUIET] 295 W	[NORMAL] 370 W [ECO] 295 W [QUIET] 295 W
Heat output		Max. 1,775 BTU/h	Max. 1,640 BTU/h	Max. 1,843 BTU/h	Max. 1,587 BTU/h	Max. 1,587 BTU/h
Operation noise		36 dB (NORMAL/ECO)/31 dB (QUIET)	35 dB (NORMAL/ECO)/28 dB (QUIET)	35 dB (NORMAL/ECO)/30 dB (QUIET)	32 dB (NORMAL/ECO)/27 dB (QUIET)	32 dB (NORMAL/ECO/LONG LIFE1-3)/27 dB (QUIET)
Dimensions (W x H ³ x D)		498 x 168 x 492 mm (19-5/8 x 6-5/8 x 19-3/8 in)	498 x 168 x 492 mm (19-5/8 x 6-5/8 x 19-3/8 in)	498 x 168 x 492 mm (19-5/8 x 6-5/8 x 19-3/8 in)	498 x 168 x 492 mm (19-5/8 x 6-5/8 x 19-3/8 in)	498 x 168 x 481 mm (19-5/8 x 6-5/8 x 18-15/16 in)
Weight ⁴		Approx. 16.4 kg/36.2 lbs	Approx. 16.1 kg/35.5 lbs	Approx. 16.1 kg/35.5 lbs	Approx. 16.0 kg/35.3 lbs	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) AJ-WM50 (Wireless Module) ⁸	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) AJ-WM50 (Wireless Module) ⁸	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-ADSV (D-sub/5-VIDEO Conversion Cable)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-ADSV (D-sub/5-VIDEO Conversion Cable)	ET-PKD120H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKD130B (Attachment for ceiling mount bracket) ET-ADSV (D-sub/5-VIDEO Conversion Cable)
Optional lens		-	-	-	-	-

1: Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Result of brightness measured complied with ISO/IEC 21118: 2020 and ANSI will be same. 2: 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.

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



20,000 lm WUXGA

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



PT-MZ17KL



16,500 lm WUXGA

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



PT-MZ14KL



14,000 lm WUXGA

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



PT-MZ11KL



11,000 lm WUXGA

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



Projector type		LCD Projector	LCD Projector	LCD Projector	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	Laser diode	Laser diode	Laser diode
Light output¹		20,000 lm	16,500 lm	14,000 lm	11,000 lm
Time until light output declines to 50%²		20,000 hours (NORMAL/QUIET)	20,000 hours (NORMAL/QUIET)	20,000 hours (NORMAL/QUIET)	20,000 hours (NORMAL/QUIET)
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)
Contrast ratio (all white/all black)		3,000,000:1	3,000,000:1	3,000,000:1	3,000,000:1
Screen size (diagonal)		2.03-15.24 m (80-600 in) ⁷	2.03-15.24 m (80-600 in) ¹²	2.03-15.24 m (80-600 in) ¹²	2.03-15.24 m (80-600 in) ¹²
Lens (throw ratio)		Optional zoom lens	Optional zoom lens	Optional zoom lens	Optional zoom lens
Lens shift³		Vertical: ±60 % ⁸ , Horizontal: ±20 % ⁸ (powered)	Vertical: ±60 % ⁸ , Horizontal: ±20 % ⁸ (powered)	Vertical: ±60 % ⁸ , Horizontal: ±20 % ⁸ (powered)	Vertical: ±60 % ⁸ , Horizontal: ±20 % ⁸ (powered)
Filter Replacement Cycle		20,000 hours	20,000 hours	20,000 hours	20,000 hours
Terminals		SDI in [BNC x 1 (3G/HD-SDI)] HDMI™ in [HDMI™ 19-pin x 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)]
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
Maximum power consumption		1,100 W	950 W	800 W	615 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)
Heat output		Max. 3,754 BTU/h	Max. 2,457 BTU/h	Max. 2,013 BTU/h	Max. 1,535 BTU/h
Operation noise		42 dB (NORMAL), 36 dB (QUIET)	38 dB (NORMAL), 32 dB (QUIET)	35 dB (NORMAL), 30 dB (QUIET)	35 dB (NORMAL), 30 dB (QUIET)
Dimensions (W x H⁴ x D⁵)		650 x 211 x 440 mm (25-19/32 x 8-5/16 x 17-5/16 in)	650 x 211 x 440 mm (25-19/32 x 8-5/16 x 17-5/16 in)	650 x 211 x 440 mm (25-19/32 x 8-5/16 x 17-5/16 in)	650 x 211 x 440 mm (25-19/32 x 8-5/16 x 17-5/16 in)
Weight⁶		Approx. 23.0 kg/50.7 lbs	Approx. 22.5 kg/49.6 lbs	Approx. 22.5 kg/49.6 lbs	Approx. 22.5 kg/49.6 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) AJ-WM50 (Wireless Module) ¹⁰ ET-NUK10 (NFC Upgrade Kit) ^{10,11}	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) AJ-WM50 (Wireless Module) ¹⁰ ET-NUK10 (NFC Upgrade Kit) ^{10,11}	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) AJ-WM50 (Wireless Module) ¹⁰ ET-NUK10 (NFC Upgrade Kit) ^{10,11}	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) AJ-WM50 (Wireless Module) ¹⁰ ET-NUK10 (NFC Upgrade Kit) ^{10,11}
Optional lens		Yes (see the Optional Lenses page: P35)	Yes (see the Optional Lenses page: P35)	Yes (see the Optional Lenses page: P35)	Yes (see the Optional Lenses page: P35)

1: Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Result of brightness measured complied with ISO/IEC 21118: 2020 and ANSI will be same. 2: 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. 3: The lens shift cannot be used with a fixed-focus lens. 4: Height: with legs at shortest position. 5: Depth: Not including lens or protruding parts.

6: Average value. Each product has an individual variable in weight. 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: The availability varies depending on the country. 11: To use NFC function, Smart Projector Control App is required. 12: 2.54-10.16 m [100-400 in] (with ET-EMU100), 2.03-12.7 m [80-500 in] (with ET-EMT800)

Installation



PT-MZ882L



8,200 lm WUXGA

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



PT-MZ782L



7,500 lm WUXGA

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



PT-MZ682L



6,500 lm WUXGA

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



Projector type		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)
	Aspect ratio	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
Light source		Laser diode	Laser diode	Laser diode
Light output¹		8,200 lm	7,500 lm	6,500 lm
Time until light output declines to 50%²		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)
Contrast ratio (all white/all black)		3,000,000:1	3,000,000:1	3,000,000:1
Screen size (diagonal)		1.02-10.16 m (40-400 in) ⁸	1.02-10.16 m (40-400 in) ⁸	1.02-10.16 m (40-400 in) ⁸
Lens (throw ratio)		Optional zoom lens	Optional zoom lens	Optional zoom lens
Lens shift³		Vertical: ±67 % ⁹ , Horizontal: ±35 % ⁹ (powered)	Vertical: ±67 % ⁹ , Horizontal: ±35 % ⁹ (powered)	Vertical: ±67 % ⁹ , Horizontal: ±35 % ⁹ (powered)
Filter Replacement Cycle		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 Projector Sync in [D-sub 9-pin x 1 (RS-232C)] Multi Projector 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 Projector Sync in [D-sub 9-pin x 1 (RS-232C)] Multi Projector 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 Projector Sync in [D-sub 9-pin x 1 (RS-232C)] Multi Projector 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
Maximum power consumption		465 W	435 W	360 W
On-mode power consumption		[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)	[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)
Heat output		Max. 1,587 BTU/h	Max. 1,485 BTU/h	Max. 1,229 BTU/h
Operation noise		34 dB (NORMAL/ECO)/ 26 dB (QUIET)	32 dB (NORMAL/ECO)/ 26 dB (QUIET)	32 dB (NORMAL/ECO)/ 25 dB (QUIET)
Dimensions (W x H⁴ x D⁵)		561 x 224 x 437 mm (22-3/32 x 8-13/16 x 17-7/32 in)	561 x 224 x 437 mm (22-3/32 x 8-13/16 x 17-7/32 in)	561 x 224 x 437 mm (22-3/32 x 8-13/16 x 17-7/32 in)
Weight⁶		Approx. 17.8 kg/39.2 lbs	Approx. 17.8 kg/39.2 lbs	Approx. 16.8 kg/37.0 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-RFM200 (Replacement filter)	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-RFM200 (Replacement filter)	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-RFM200 (Replacement filter)
Optional lens		Yes (see the Optional Lenses page: P37)	Yes (see the Optional Lenses page: P37)	Yes (see the Optional Lenses page: P37)

1: Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Result of brightness measured complied with ISO/IEC 21118: 2020 and ANSI will be same. 2: 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.

3: The lens shift cannot be used with a fixed-focus lens. 4: Height: with legs at shortest position. 5: Depth: Not including lens or protruding parts. 6: Average value. Each product has an individual variable in weight. 7: HDMI™/DIGITAL LINK input only. 8: 1.52-10.16 m [60-400 in] (with ET-ELW22), 2.54-10.16 m [100-400 in] (with ET-ELU20) 9: Vertical ±60 % and horizontal ±30 % with the ET-ELW22. Vertical ±50 % and horizontal ±24 % with the ET-ELU20.

Portable



PT-VMZ82

NEW



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



PT-VMZ72

NEW



7,300 lm WUXGA
* Available in black/white cabinet.



PT-VMZ62

NEW



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



PT-VMZ51

NEW



5,200 lm WUXGA



PT-VMZ5ES

NEW



5,200 lm WUXGA



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)	16.3 mm (0.64 in)
	Aspect ratio	16:10	16:10	16:10	16:10	16:10
	Number of pixels	2,304,000 (1,920 x 1,200) pixels	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	Laser diode	Laser diode	Laser diode	Laser diode
Light output¹		8,000 lm	7,300 lm	6,500 lm	5,200 lm	5,200 lm
Time until light output declines to 50%²		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 (all white/all black)		5,000,000:1	5,000,000:1	5,000,000:1	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 1.58-1.91, f 15.30-24.60 mm (1.09-1.77:1)	F 1.58-1.91, f 15.30-24.60 mm (1.09-1.77:1)	F 1.58-1.91, f 15.30-24.60 mm (1.09-1.77:1)	F 1.60-2.12, f 15.30-24.64 mm (1.09-1.77:1)	F 1.61-1.76, f 19.10-23.00 mm (1.36-1.64:1)
Lens shift		Vertical: +44 %, Horizontal: ±20 % (manual)	Vertical: +44 %, Horizontal: ±20 % (manual)	Vertical: +44 %, Horizontal: ±20 % (manual)	Vertical: +44 %, Horizontal: ±20 % (manual)	Vertical: +38 %, Horizontal: ±15 % (manual)
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 [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] ⁷	HDMI™ in [HDMI™ 19-pin x 2] Computer in [D-sub HD 15-pin x 2] 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] ⁷	HDMI™ in [HDMI™ 19-pin x 2] Computer in [D-sub HD 15-pin x 2] 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] ⁷	HDMI™ in [HDMI™ 19-pin x 2] Computer in [D-sub HD 15-pin x 2] Audio in [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] ⁷	HDMI™ in [HDMI™ 19-pin x 2] Audio in [M3 x 1] 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] ⁷
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		400 W	345 W	320 W	300 W	255 W
On-mode power consumption		[NORMAL] 365 W (100-120 V), 350 W (200-240 V) [ECO] 260 W (100-120 V), 250 W (200-240 V) [QUIET1] 305 W (100-120 V), 295 W (200-240 V) [QUIET2] 255 W (100-120 V), 245 W (200-240 V)	[NORMAL] 310 W (100-120 V), 295 W (200-240 V) [ECO] 235 W (100-120 V), 225 W (200-240 V) [QUIET1] 270 W (100-120 V), 260 W (200-240 V) [QUIET2] 230 W (100-120 V), 220 W (200-240 V)	[NORMAL] 280 W (100-120 V), 270 W (200-240 V) [ECO] 215 W (100-120 V), 205 W (200-240 V) [QUIET1] 245 W (100-120 V), 235 W (200-240 V) [QUIET2] 210 W (100-120 V), 200 W (200-240 V)	[NORMAL] 270 W (100-120 V), 255 W (200-240 V) [ECO] 195 W (100-120 V), 185 W (200-240 V) [QUIET] 190 W (100-120 V), 180 W (200-240 V)	[NORMAL] 230 W (100-120 V), 220 W (200-240 V) [ECO] 170 W (100-120 V), 165 W (200-240 V) [QUIET] 165 W (100-120 V), 160 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		39 dB (NORMAL/ECO), 34 dB (QUIET1), 29 dB (QUIET2)	37 dB (NORMAL/ECO), 32 dB (QUIET1), 27 dB (QUIET2)	35 dB (NORMAL/ECO), 30 dB (QUIET1), 25 dB (QUIET2)	36 dB (NORMAL/ECO)/26 dB (QUIET)	36 dB (NORMAL/ECO)/26 dB (QUIET)
Dimensions (W x H³ x D)		399 x 133 x 348 mm (15-23/32 x 5-1/4 x 13-11/16 in)	399 x 133 x 348 mm (15-23/32 x 5-1/4 x 13-11/16 in)	399 x 133 x 348 mm (15-23/32 x 5-1/4 x 13-11/16 in)	399 x 133 x 348 mm (15-23/32 x 5-1/4 x 13-11/16 in)	399 x 133 x 348 mm (15-23/32 x 5-1/4 x 13-11/16 in)
Weight⁴		Approx. 7.4 kg/16.3 lbs	Approx. 7.0 kg/15.4 lbs	Approx. 6.9 kg/15.2 lbs	Approx. 6.5 kg/14.3 lbs	Approx. 6.5 kg/14.3 lbs
Replacement lamp		- (No lamp)	- (No lamp)	- (No lamp)	- (No lamp)	- (No lamp)
Optional accessories		ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV500 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁸	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV500 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁸	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV500 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁸	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV500 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁸	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV500 (Replacement filter unit) AJ-WM50 (Wireless Module) ⁸

1: Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Result of brightness measured complied with ISO/IEC 21118: 2020 and ANSI will be same. 2: 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.3: Height: with legs at shortest position.

4: Average value. Each product has an individual variable in weight. 5: 4K signals are converted to the projector's resolution upon projection. 6: The optional Wireless Module is required. 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: 4K signals are converted to the projector's resolution upon projection. Supports signal up to 4K/30p.

Portable



PT-LMZ460



4,600 lm WUXGA



PT-LMZ420



4,200 lm WUXGA



Projector type LCD panel	Panel size	LCD Projector	LCD Projector
	Aspect ratio	16.3 mm (0.64 in)	16.3 mm (0.64 in)
Light source	Number of pixels	16:10	16:10
		2,304,000 (1,920 x 1,200) pixels	2,304,000 (1,920 x 1,200) pixels
Light output ¹	Laser diode	Laser diode	Laser diode
Time until light output declines to 50% ²	4,600 lm	4,600 lm	4,200 lm
Resolution	20,000 hours (NORMAL)	20,000 hours (NORMAL)	20,000 hours (NORMAL)
Contrast ratio (all white/all black)	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)
Screen size (diagonal)	3,000,000:1	3,000,000:1	3,000,000:1
Lens (throw ratio)	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 shift	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)
Filter Replacement Cycle	- [fixed]	- [fixed]	- [fixed]
Installation	20,000 hours	20,000 hours	20,000 hours
Terminals	Ceiling/floor, front/rear, free 360-degree installation	Ceiling/floor, front/rear, free 360-degree installation	Ceiling/floor, front/rear, free 360-degree installation
Power supply	HDMI in [HDMI 19-pin x 2] Computer in [D-sub HD 15-pin x 2] Audio in [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] ⁷	HDMI in [HDMI 19-pin x 2] Computer in [D-sub HD 15-pin x 2] Audio in [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] ⁷	HDMI in [HDMI 19-pin x 2] Computer in [D-sub HD 15-pin x 2] Audio in [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] ⁷
Maximum power consumption	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	240 W	240 W	240 W
Built-in speaker	[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] 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] 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)
Operation noise	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
Dimensions (W x H ³ x D)	35 dB (NORMAL/ECO)/24 dB (QUIET)	35 dB (NORMAL/ECO)/24 dB (QUIET)	35 dB (NORMAL/ECO)/24 dB (QUIET)
Weight ⁴	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)
Replacement lamp	Approx. 4.2 kg/9.26 lbs	Approx. 4.2 kg/9.26 lbs	Approx. 4.2 kg/9.26 lbs
Optional accessories	- (No lamp)	- (No lamp)	- (No lamp)
	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

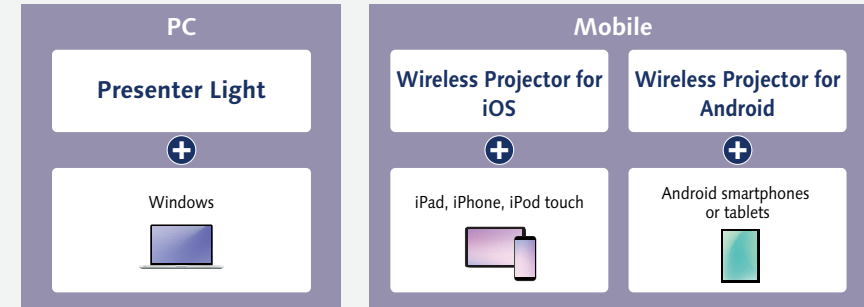
Wireless Solutions

Effortless connection. No mess, no stress.

FEATURES

We offer solutions that can wirelessly connect various 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



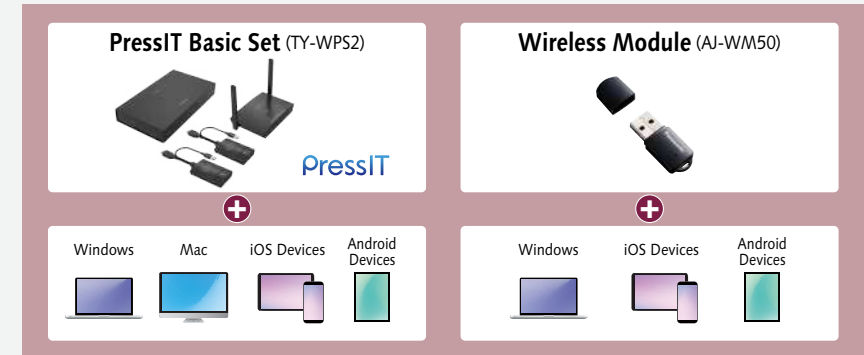
Presenter Light

The software is a still image transfer application supporting Windows® computers. With this software, you can transfer the displays appearing on the computer screen to a projector via the wireless LAN.

Wireless Projector for iOS / Android

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



PressIT⁹

"PressIT" requires no special drivers or software. Just connect the transmitter to your PC and press a button to display images. You can also share your screen from smartphones and tablets.

Wireless Module (AJ-WM50)¹⁰

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

1: Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Result of brightness measured complied with ISO/IEC 21118: 2020 and ANSI will be same. 2: 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. 3: Height: with legs at shortest position.

4: Average value. Each product has an individual variable in weight. 5: HDMI™ input only. Supports signal up to 4K/30p. 6: The optional Wireless Module is required. 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: For more information about PressIT, see page 53. 10: For compatible models, see the "Wireless Module" column of the Optional Accessories Chart on page 43 to 48.

Short Throw/ Ultra Short Throw



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)	16.3 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 (1920 x 1200) pixels	2,304,000 (1920 x 1200) pixels	2,304,000 (1920 x 1200) pixels	2,304,000 (1,920 x 1,200) pixels
Light source		Laser diodes	Laser diodes	Laser diodes	Laser diodes
Light output¹		7,000 lm	6,200 lm	4,000 lm	5,200 lm
Time until light output declines to 50%²		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 (1920 x 1200)	WUXGA (1920 x 1200)	WUXGA (1920 x 1200)	WUXGA (1,920 x 1,200)
Contrast ratio (all white/all black)		5,000,000:1	5,000,000:1	3,000,000:1	3,000,000:1
Screen size (diagonal)		1.77-7.62 m (70-300 in)	1.77-7.62 m (70-300 in)	1.27-2.67 m (50-105 in)	2.03-3.05 m (80-120 in)
Lens (throw ratio)		F 1.53-1.66, f 11.3-14.2 mm (0.797-1.01:1)	F 1.53-1.66, f 11.3-14.2 mm (0.797-1.01:1)	F 1.8, f 6.08 mm (0.43:1)	F 1.7, f 2.81 mm (0.235:1)
Lens shift		Vertical: +50 %, Horizontal: ±20 % (manual)	Vertical: +50 %, Horizontal: ±20 % (manual)	- (fixed)	- (fixed)
Filter Replacement Cycle		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
Terminals		HDMI™ in [HDMI™ 19-pin x 2] Computer in [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 [RJ-45 x 1] LAN/DIGITAL LINK [RJ-45 x 1] USB [USB type-A x 1] ⁷	HDMI™ in [HDMI™ 19-pin x 2] Computer in [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 [RJ-45 x 1] LAN/DIGITAL LINK [RJ-45 x 1] USB [USB type-A x 1] ⁷	HDMI™ in [HDMI™ 19-pin x 2] Computer in [D-sub HD 15-pin x 2] Audio in [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] ⁷	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] ⁷
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
Maximum power consumption		345 W	320 W	240 W	325 W
On-mode power consumption		[NORMAL] 310 W (100-240 V), 295 W (200-240 V) [ECO] 235 W (100-240 V), 225 W (200-240 V) [QUIET1] 270 W (100-240 V), 260 W (200-240 V) [QUIET2] 230 W (100-240 V), 220 W (200-240 V)	[NORMAL] 280 W (100-240 V), 270 W (200-240 V) [ECO] 215 W (100-240 V), 205 W (200-240 V) [QUIET1] 245 W (100-240 V), 235 W (200-240 V) [QUIET2] 210 W (100-240 V), 200 W (200-240 V)	[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] 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)
Built-in speaker		10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
Operation noise		37 dB (NORMAL/ECO)/ 32 dB (QUIET1)/27 dB (QUIET2)	35 dB (NORMAL/ECO)/ 30 dB (QUIET1)/25 dB (QUIET2)	35 dB (NORMAL/ECO)/24 dB (QUIET)	34 dB (NORMAL/ECO)/25 dB (QUIET)
Dimensions (W x H³ x D)		414 x 167 x 424 mm (16 5/16 x 6 9/16 x 16 11/16 in)	414 x 167 x 424 mm (16 5/16 x 6 9/16 x 16 11/16 in)	349 x 138 x 370 mm (13-3/4 x 5-7/16 x 14-9/16 in)	495 x 176 x 421 mm (19-1/2 x 6-15/16 x 16-37/64 in)
Weight⁴		Approx. 8.4 kg/18.5 lbs	Approx. 8.3 kg/18.3 lbs	Approx. 4.9 kg/10.8 lbs	Approx. 9.5 kg/20.9 lbs
Replacement lamp		- (No lamp)	- (No lamp)	- (No lamp)	- (No lamp)
Optional accessories		ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV500 (Replacement filter unit) AJ-WM50 Series (Wireless Module) ⁸	ET-PKL100H (High ceiling mount bracket) ET-PKL100S (Low ceiling mount bracket) ET-PKV400B (Bracket assembly) ET-RFV500 (Replacement filter unit) AJ-WM50 Series (Wireless Module) ⁸	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) ⁸	ET-PKD120H (High ceiling mount bracket) ET-PKD130H (High ceiling mount bracket) ET-PKD120S (Low ceiling mount bracket) ET-PKE301B (Attachment for ceiling mount bracket) ET-WBC100 (Wall Mount Bracket) ET-RFV500 (Replacement filter unit) AJ-WM50 Series (Wireless Module) ⁴

1: Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Result of brightness measured complied with ISO/IEC 21118: 2020 and ANSI will be same. 2: 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.

3: Height: with legs at shortest position. 4: Average value. Each product has an individual variable in weight. 5: HDMI™ input only. Supports signal up to 4K/30p. 6: To operate wireless projection, the optional Wireless Module AJ-WM50 is required. 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.

Media Processor

	ET-FMP50	ET-FMP20
Type	Box-type	Box-type
Terminals	LAN [RJ-45 x 1 for network connection, 10Base-T/100Base-TX, 1000Base-T, NDI® and Dante® (2 channels) ¹ compatible] HDMI™ out [HDMI™ x 4, Audio signal: Linear PCM, 44.1 kHz/48 kHz, 16-bit, 2 channels Audio out [M3 x 1]	LAN [RJ-45 x 1 for network connection, 10Base-T/100Base-TX, 1000Base-T, NDI® and Dante® (2 channels) ¹ compatible] HDMI™ out [HDMI™ x 4, Audio signal: Linear PCM, 44.1 kHz/48 kHz, 16-bit, 2 channels Audio out [M3 x 1]
NDI®-compatible streaming content	Image compression method: High Bandwidth NDI®; Image resolution/frame rate: 3840 x 2160/60p, 3840 x 2160/50p, 1920 x 1080/60p, 1920 x 1080/50p Audio signals: Linear PCM, 44.1 kHz/48 kHz, 16-bit, 2 channels	Image compression method: High Bandwidth NDI®; Image resolution/frame rate: 3840 x 2160/60p, 3840 x 2160/50p, 1920 x 1080/60p, 1920 x 1080/50p Audio signals: Linear PCM, 44.1 kHz/48 kHz, 16-bit, 2 channels
Max. video output resolution	3840 x 2160/60p x 1 or 1920 x 1080/60p x 4 ³	3840 x 2160/60p x 1 or 1920 x 1080/60p x 4 ³
Video format	HAP ⁴ / H.264, 8-bit, 3840 x 2160 pixels, 60p, YPbPr 4:2:0, 300 Mbps / H.265, 8-bit, 18 million pixels (long side 7680 pixels or less), 60p, (including 7680 x 1920/60p, 4096 x 4096/60p), 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, 18 million pixels (long side 7680 pixels or less), 60p, (including 7680 x 1920/60p, 4096 x 4096/60p), YPbPr 4:2:0, 300 Mbps
Audio format	AAC-LC, 16-bit, stereo	AAC-LC, 16-bit, stereo
Storage	4 TB	512 GB ⁵
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
Operation noise	42 dB (Max), 33 dB (Normal)	42 dB (Max), 33 dB (Normal)
Dimensions (W x H x D)	210 x 44 x 295 mm (8-9/32 x 1-23/32 x 11-5/8 in) (excluding feet)	210 x 44 x 295 mm (8-9/32 x 1-23/32 x 11-5/8 in) (excluding feet)
Weight¹	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)

	ET-SBFMP10
Type	Function board-type
Terminals	LAN [RJ-45 x 1 for network connection, 10Base-T/100Base-TX, 1000Base-T, NDI® and Dante® (2 channels) ² compatible] Audio out [M3 x 1]
NDI®-compatible streaming content	Image compression method: High Bandwidth NDI®; Image resolution/frame rate: 3840 x 2160/60p, 3840 x 2160/50p, 1920 x 1080/60p, 1920 x 1080/50p Audio signals: Linear PCM, 44.1 kHz/48 kHz, 16-bit, 2 channels
Max. video output resolution	3840 x 2160/60p
Video format	H.264, 8-bit, 3840 x 2160 pixels, 60p, YPbPr 4:2:0, 300 Mbps / H.265, 8-bit, 18 million pixels (long side 7680 pixels or less), 60p, (including 7680 x 1920/60p, 4096 x 4096/60p), YPbPr 4:2:0, 300 Mbps
Audio format	AAC-LC, 16-bit, stereo
Storage	512 GB ⁵
Operating system	Linux®
Dimensions (W x H x D)	195 x 25 x 123.2 mm (7-11/16 x 1 x 4-27/32 in)
Weight¹	Approx. 0.26 kg (0.57 lbs)
Operating environment	Operating temperature: 0-45 °C (32-113 °F) ⁶ Operating humidity: 10-80 % (no condensation)

Media Processors Simplify Multi-Projection Workflows for Immersive Experiences



ET-FMP50/FMP20

Function Board
ET-SBFMP10

What's the FMP50 Series?

Designed around the concept of "simpler but better," the ET-FMP50 Series is a media processor designed to simplify and enhance multi-projection. It offers manual and automatic camera-based¹ blending/black-level adjustments and 4K media playback² capability, streamlining the creation of multi-projection setups, saving resources, and enhancing efficiency.



01 Simplified Layout Flexible Design

Box and function board types are available, with the latter offering single LAN cable connection to simplify your system, enhance efficiency, and reduce costs.



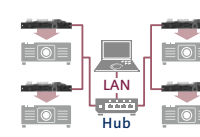
02 Workflow Game-changer Auto Calibration

Camera-based¹ calibration automatically handles blending and black-level adjustments, streamlining on-site workflows without additional licensing fees.



03 Easy to Master Intuitive Software

User-friendly software empowers you to seamlessly warp and blend content, manage playlists and playback schedules, and enjoy all features without a separate license.

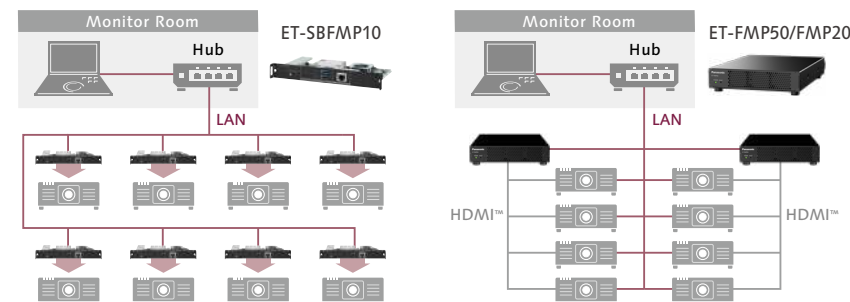


04 Holistic Ecosystems Stable & Reliable

Seamlessly integrated with Panasonic projectors, the FMP50 Series ensures a cohesive ecosystem for enhanced stability and fast troubleshooting recovery.

1: Compatible cameras (sold separately) comprise NIKON D5200/D5300/D5500/D7500/Z50/Z5 and the IDS GV-5890CP-C-HQ. Please visit PASS for more information.
2: The maximum output resolution is 3840 x 2160/60p x 1 (ET-FMP50/FMP20/SBFMP10) or 1920 x 1080/60p x 4 (ET-FMP50/FMP20).

SYSTEM EXAMPLE



For more information about the ET-FMP50 Series, please visit the website >> <https://docs.connect.panasonic.com/projector/products/fmp50/>

1: Average value. Each product has an individual variable in weight. 2: HAP Q content is not supported. 3: When four HDMI™ outputs are used simultaneously. 4: ET-FMP50 only. 5: For the ET-FMP20 (512 GB) and ET-SBFMP10 (512 GB), approximately 30 GB of the total storage space is allocated for system usage and is unavailable to the user. 6: The operating temperature range may differ according to the specific projector model paired with the ET-SBFMP10.

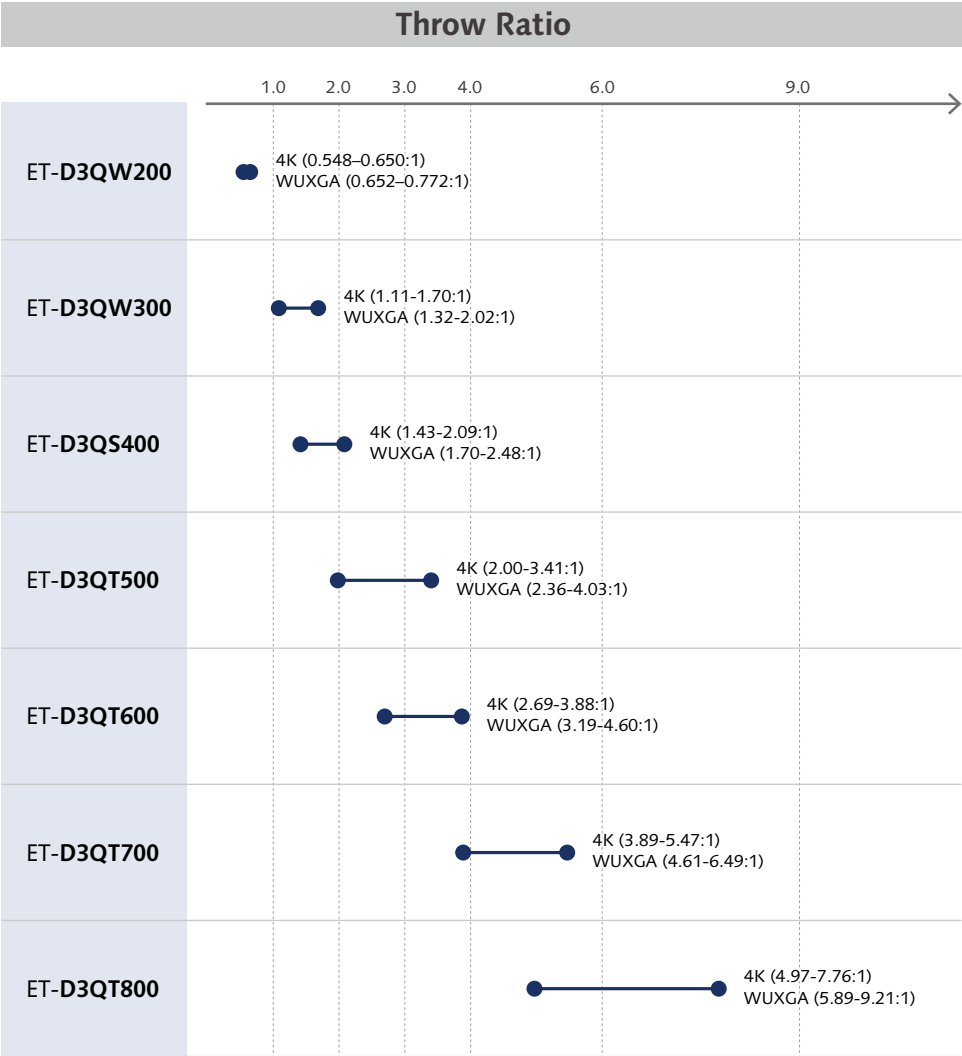
Optional Lenses for the PT-RQ50K Projector (Large-Venue)

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)

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
Model number	ET-D75LE95	ET-D3LEU101	ET-D3LEW201	ET-D3LEW300	ET-D3LEW50 ³
					
F-number	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
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

Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens	Zoom lens
Model number	ET-D3LEW60 ⁴	ET-D3LEW600	ET-D3LEW10	ET-D3LES20	ET-D3LET30
					
F-number	2.5	2.5	2.5	2.5	2.5
Focal length	19.6-23.5 mm	19.8-27.5 mm	26.6-36.4 mm	35.0-50.9 mm	50.4-98.0 mm
Weight	Approx. 8.7 kg/19.2 lbs	Approx. 7.6 kg/16.1 lbs	Approx. 6.2 kg/13.7 lbs	Approx. 5.2 kg/11.5 lbs	Approx. 5.8 kg/12.8 lbs

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

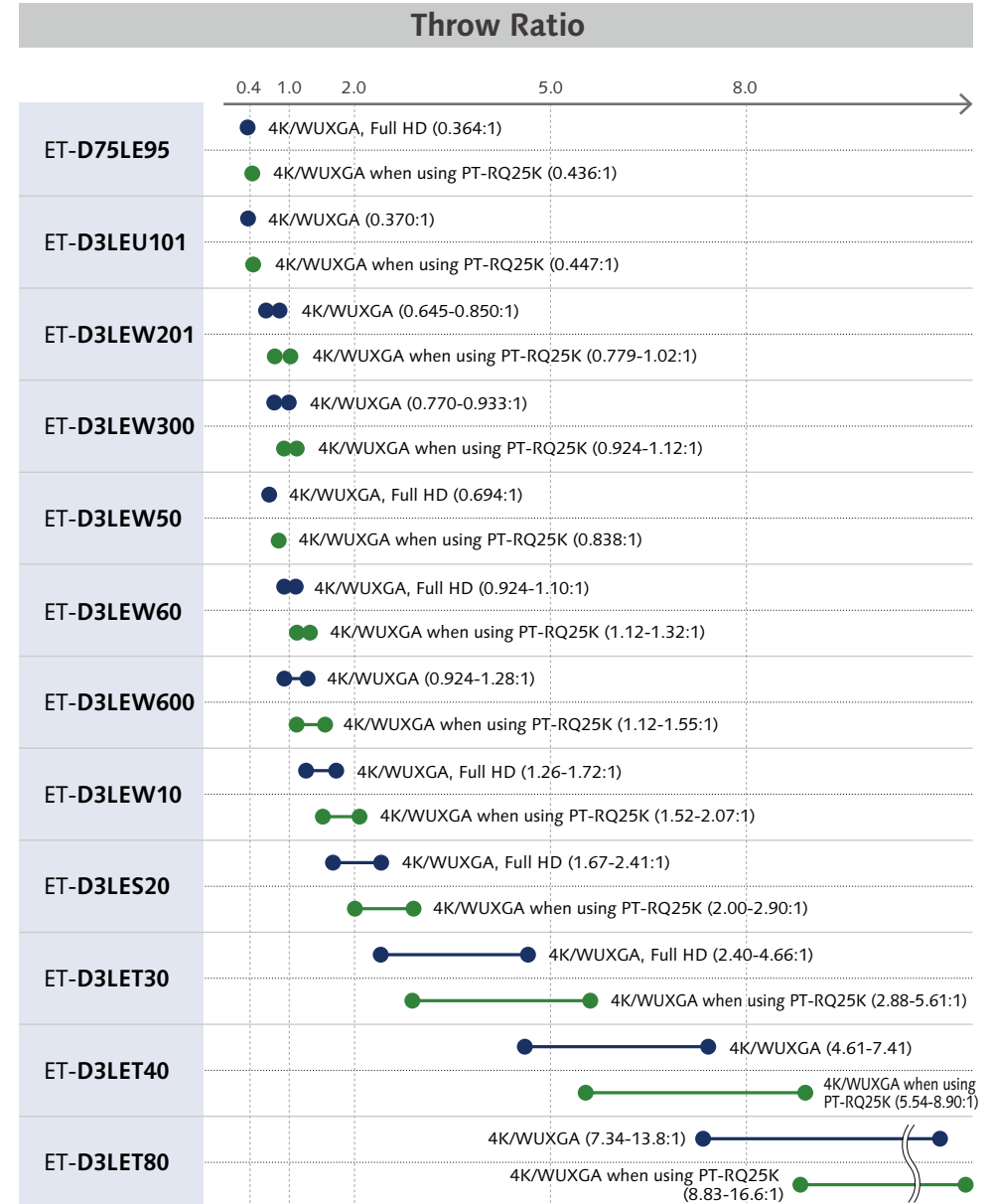


Optional Lenses Compatibility Chart

	ET-D75LE95	ET-D3LEU101	ET-D3LEW201	ET-D3LEW300	ET-D3LEW50	ET-D3LEW60	ET-D3LEW600	ET-D3LEW10	ET-D3LES20	ET-D3LET30	ET-D3LET40	ET-D3LET80	ET-D3LEF70
PT-RQ35K2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ34K2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RQ25K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ24K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RQ18K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ17K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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

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



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: Stock limited. 5: When using the Zoom Lens (Model No.: ET-D3LEW201) or the Fixed-focus Lens (Model No.: ET-D3LEU101), 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-RQ35K2, PT-RZ34K2, PT-RQ25K, PT-RZ24K, PT-RQ18K, PT-RZ17K

Optional Lenses for the PT-REQ15/REZ15 Series Projector (Installation)

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

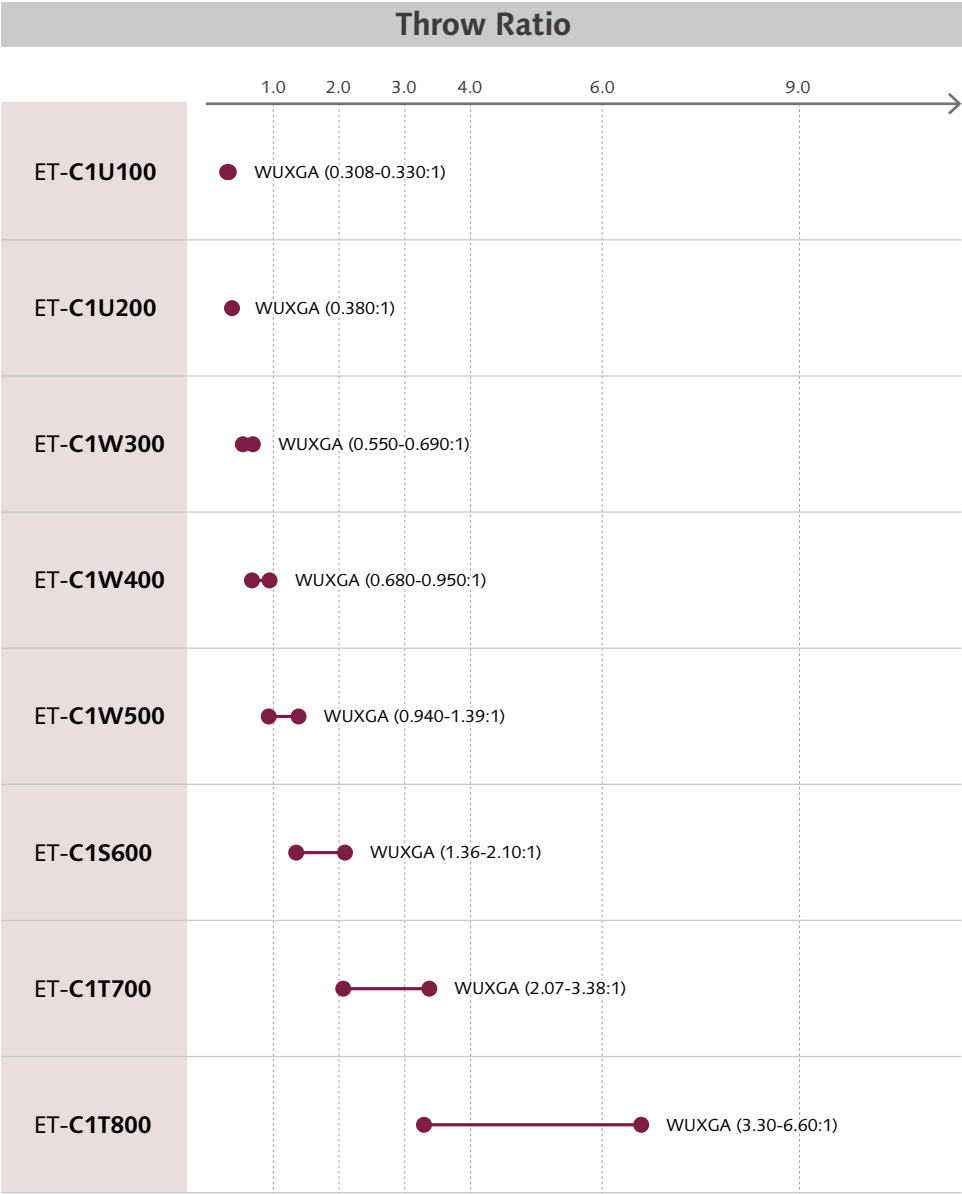


Lens type	Zoom lens	Fixed-focus lens	Zoom lens	Zoom lens
Model number	ET-C1U100	ET-C1U200	ET-C1W300	ET-C1W400
		 NEW		
F-number	2.1	2.0	1.9-2.3	1.9-2.4
Focal length	5.4-5.8 mm	6.48 mm	9.9-12.3 mm	12.1-16.9 mm
Weight	Approx. 4.7 kg/10.36 lbs	Approx. 2.2 kg/4.85 lbs	Approx. 2.6 kg/5.73 lbs	Approx. 2.4 kg/5.29 lbs

Lens type	Zoom lens	Zoom lens	Zoom lens	Zoom lens
Model number	ET-C1W500	ET-C1S600	ET-C1T700	ET-C1T800
				
F-number	1.8-2.3	1.8-2.3	1.9-2.4	1.9-2.5
Focal length	16.7-24.6 mm	23.9-37.2 mm	36.1-59.6 mm	58.3-115.6 mm
Weight	Approx. 2.4 kg/5.29 lbs	Approx. 1.7 kg/3.75 lbs	Approx. 2.4 kg/5.29 lbs	Approx. 2.4 kg/5.29 lbs

Optional Lenses Compatibility Chart

	ET-C1U100	ET-C1U200	ET-C1W300	ET-C1W400	ET-C1W500	ET-C1S600	ET-C1T700	ET-C1T800
PT-REQ15	✓	✓	✓	✓	✓	✓	✓	✓
PT-REQ12	✓	✓	✓	✓	✓	✓	✓	✓
PT-REQ10	✓	✓	✓	✓	✓	✓	✓	✓
PT-REQ80	✓	✓	✓	✓	✓	✓	✓	✓
PT-REZ15	✓	✓	✓	✓	✓	✓	✓	✓
PT-REZ12	✓	✓	✓	✓	✓	✓	✓	✓
PT-REZ10	✓	✓	✓	✓	✓	✓	✓	✓
PT-REZ80	✓	✓	✓	✓	✓	✓	✓	✓



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>



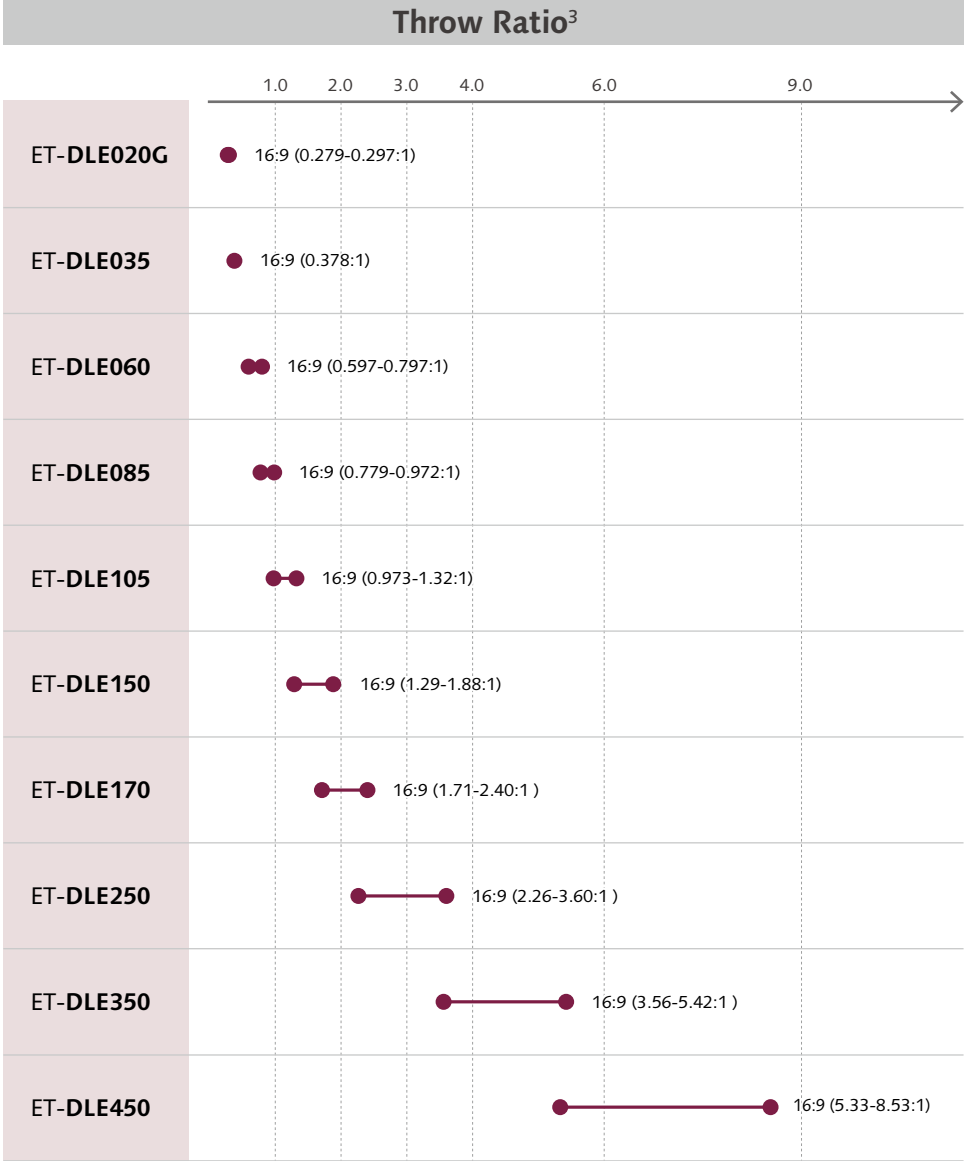
Lens type	Zoom lens	Fixed-focus lens	Zoom lens	Zoom lens
Model number	ET-DLE020G	ET-DLE035	ET-DLE060	ET-DLE085
				
F-number	2.0	2.0	1.9-2.3	1.9-2.2
Focal length	4.1-4.4 mm	5.3 mm	9.2-12.1 mm	11.8-14.6 mm
Weight	Approx. 3.2 kg/7.05 lbs	Approx. 1.3 kg/3.1 lbs	Approx. 1.3 kg/2.9 lbs	Approx. 1.3 kg/2.9 lbs

Lens type	Zoom lens	Zoom lens	Zoom lens (supplied lens) ¹	Zoom lens
Model number	ET-DLE105	ET-DLE150	ET-DLE170	ET-DLE250
				
F-number	1.9-2.4	1.8-2.4	1.7-1.9	1.8-2.4
Focal length	14.7-19.7 mm	19.4-27.9 mm	25.6-35.7 mm	33.9-53.2 mm
Weight	Approx. 1.2 kg/2.6 lbs	Approx. 1.1 kg/2.4 lbs	Approx. 0.9 kg/2.0 lbs	Approx. 1.0 kg/2.2 lbs

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

Optional Lenses Compatibility Chart

	ET-DLE020G	ET-DLE035	ET-DLE060	ET-DLE085	ET-DLE105	ET-DLE150	ET-DLE170	ET-DLE250	ET-DLE350	ET-DLE450
PT-RQ7	✓ ²	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RQ6	✓ ²	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ7	✓ ²	✓	✓	✓	✓	✓	✓	✓	✓	✓
PT-RZ6	✓ ²	✓	✓	✓	✓	✓	✓	✓	✓	✓



1: The ET-DLE170 is equivalent of supplied lens. Availability varies depending on the country.
2: When using the ET-DLE020, the included bracket is not required.
3: When using PT-RQ7L/RQ6L. When using other projectors, the throw ratio differs. Please check the projector's spec sheet for more information.

Optional Lenses for the PT-MZ20K Series Projector (Installation)

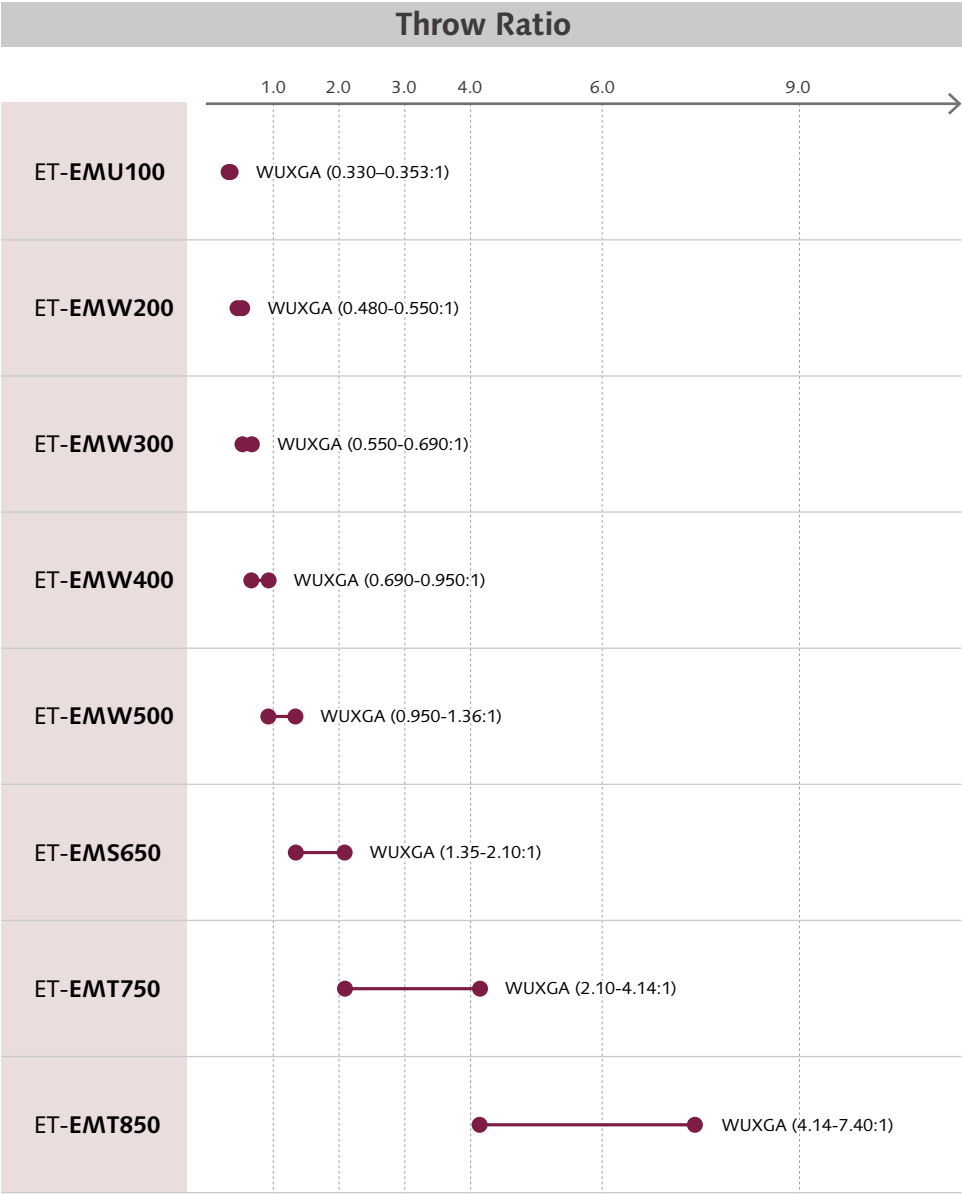
Lens type	Zoom lens		Zoom lens	
Model number	ET-EMU100	ET-EMW200	ET-EMW300	ET-EMW400
				
F-number	1.9	1.8-2.1	1.8-2.2	1.8-2.2
Focal length	7.2-7.7 mm	10.8-12.5 mm	12.3-15.4 mm	15.3-21.1 mm
Weight	Approx. 7.2 kg/15.87 lbs	Approx. 5.20 kg/11.46 lbs	Approx. 5.20 kg/11.46 lbs	Approx. 5.05 kg/11.13 lbs

Lens type	Zoom lens		Zoom lens	
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	✓	✓	✓	✓	✓	✓	✓	✓

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



Optional Lenses for the PT-MZ882 Series Projector (Installation)

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

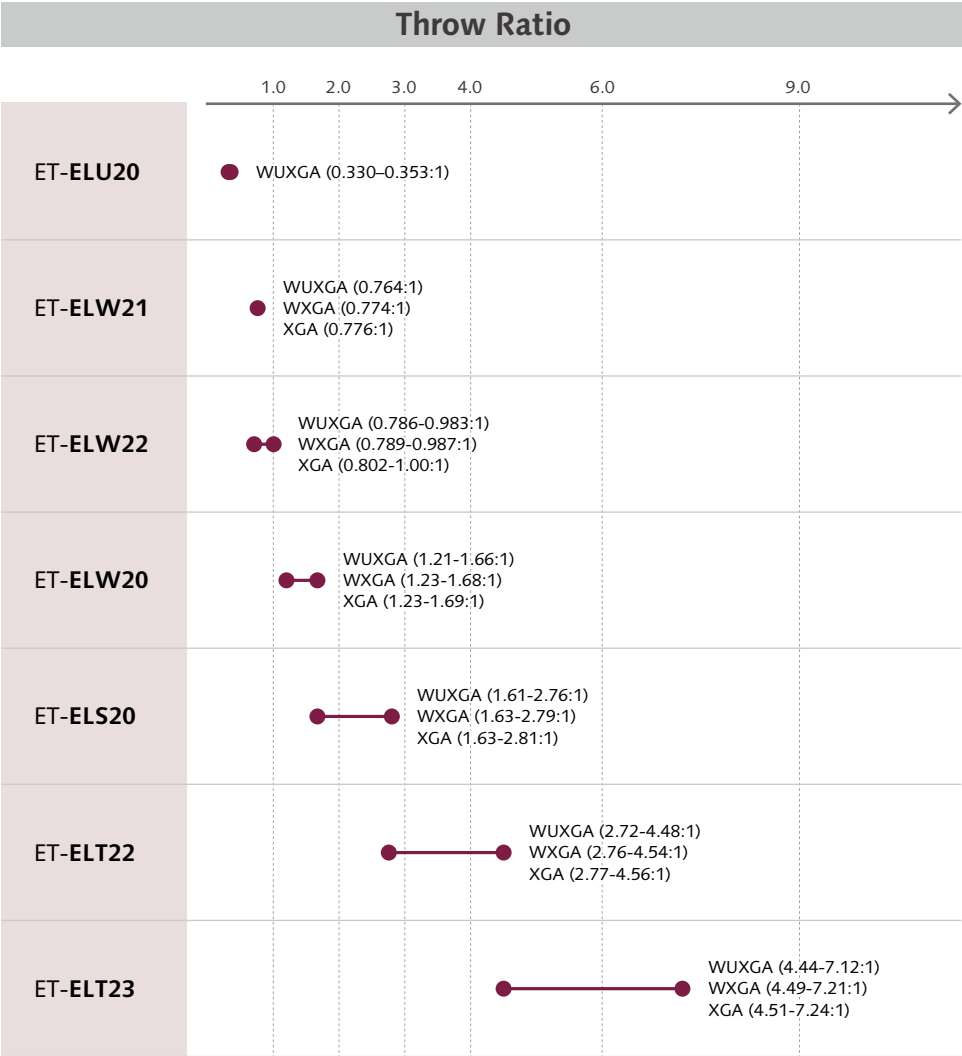


Lens type	Zoom lens	Fixed-focus lens	Zoom lens	Zoom lens
Model number	ET-ELU20	ET-ELW21	ET-ELW22	ET-ELW20
				
F-number	2.0	2.0	2.0-2.4	1.8-2.3
Focal length	5.4-5.8 mm	13.1 mm	13.3-16.6 mm	20.4-27.6 mm
Weight	Approx. 4.0 kg/8.82 lbs	Approx. 1.08 kg/2.4 lbs	Approx. 1.20 kg/2.7 lbs	Approx. 1.20 kg/2.6 lbs

Lens type	Zoom lens	Zoom lens	Zoom lens
Model number	ET-ELS20	ET-ELT22	ET-ELT23
			
F-number	1.7-2.3	1.8-2.3	1.8-2.3
Focal length	26.9-45.4 mm	45.6-73.8 mm	74.8-118.2 mm
Weight	Approx. 0.9 kg/2.0 lbs	Approx. 1.18 kg/2.6 lbs	Approx. 1.20 kg/2.6 lbs

Optional Lenses Compatibility Chart

	ET-ELU20	ET-ELW21	ET-ELW22	ET-ELW20	ET-ELS20	ET-ELT22	ET-ELT23
PT-MZ882L	✓	✓	✓	✓	✓	✓	✓
PT-MZ782L	✓	✓	✓	✓	✓	✓	✓
PT-MZ682L	✓	✓	✓	✓	✓	✓	✓



Features (Large-Venue, Installation)

Features	PT-RQ50K	PT-RQ35K2	PT-RZ34K2	PT-RQ25K	PT-RZ24K	PT-RQ18K	PT-RZ17K	PT-REQ15	PT-REQ12	PT-REQ10	PT-REQ80		PT-REZ15	PT-REZ12	PT-REZ10	PT-REZ80	PT-RQ7L	PT-RQ6L	PT-RZ7L	PT-RZ6L	PT-FRQ60	PT-FRQ50	PT-FRZ60	PT-FRZ50	PT-FRZ55
Picture Quality																									
Detail Clarity Processor	5+	5+	5	5+	5	5+	5	4	4	4	4		4	4	4	4	4	4	4	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	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	
DIGITAL LINK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Wireless Function	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²		✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	✓ ²	-	-	
USB Memory Viewer Light	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	
Emulation	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	
Software																									
Visual Software Suite ¹	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	
Smart Projector Control	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	
Multi Monitoring & Control Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Presenter Light	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	
Logo Transfer Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Projector Network Setup Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓ ⁴	✓ ⁴	✓ ⁴	

1: The functions supported by Geometry Manager Pro Software and its upgrade kit have been integrated into the Visual Software Suite. Geometry Manager Pro Software will remain available with limited updates, while the upgrade kit will be discontinued in CY2026 Q2.
2: To operate wireless function, the optional Wireless Module is required. Wireless projection is not available.

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 (Installation, Portable, Short Throw/Ultra Short Throw)

Features	PT-MZ20KL	PT-MZ17KL	PT-MZ14KL	PT-MZ11KL	PT-MZ882L	PT-MZ782L	PT-MZ682L	PT-VMZ82	PT-VMZ72	PT-VMZ62	PT-VMZ51	PT-VMZ5ES	PT-LMZ460	PT-LMZ420	PT-VMZ75T	PT-VMZ65T	PT-TMZ400	PT-CMZ50
Picture Quality																		
Detail Clarity Processor	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	-
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	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-4
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	✓2,3	✓2,3	✓2,3	✓2,3	-	-	-	✓2	✓2	✓2	✓2	✓2	✓2	✓2	✓2	✓2	✓2	✓2
USB Memory Viewer Light	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Emulation	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Software																		
Visual Software Suite ¹	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Smart Projector Control	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Multi Monitoring & Control Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Presenter Light	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Logo Transfer Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Projector Network Setup Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

1: The functions supported by Geometry Manager Pro Software and its upgrade kit have been integrated into the Visual Software Suite. Geometry Manager Pro Software will remain available with limited updates, while the upgrade kit will be discontinued in CY2026 Q2.
2: To operate wireless function, the optional Wireless Module is required.

3: Wireless projection is not available.
4: 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-RQ35K2	PT-RZ34K2	PT-RQ25K	PT-RZ24K	PT-RQ18K	PT-RZ17K
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 ²	✓	✓	✓	✓	✓	✓	✓
Software								
Geometry Manager Pro Upgrade Kit ¹	ET-UK20	✓ ⁴	✓ ⁴	✓ ⁴	✓ ⁴	✓ ⁴	✓ ⁴	✓ ⁴
Auto Screen Adjustment Upgrade Kit ¹	ET-CUK10/CUK10P ²	✓ ⁴	✓ ⁴	✓ ⁴	✓ ⁴	✓ ⁴	✓ ⁴	✓ ⁴
NFC Upgrade Kit	ET-NUK10 ^{2,3}	✓	✓	✓	✓	✓	✓	✓
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	-	-	-	✓	✓	✓	✓
12G-SDI Optical Function Board	TY-SB01FB ²	-	-	-	✓	✓	✓	✓

1: The functions supported by Geometry Manager Pro Software and its upgrade kit have been integrated into the Visual Software Suite. Geometry Manager Pro Software will remain available with limited updates, while the upgrade kit will be discontinued in CY2026 Q2.

2: The availability varies depending on the country.

3: To use NFC function, Smart Projector Control App is required.

4: 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-RQ7L	PT-RQ6L	PT-RZ7L	PT-RZ6L	PT-FRQ60	PT-FRQ50	PT-FRZ60	PT-FRZ50	PT-FRZ55
Ceiling mount bracket																			
High ceiling mount bracket with 6-axis adjustment mechanism	ET-PKD130H ²	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	-	-	-	-	-
Bracket assembly	ET-PKD130B	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
High ceiling mount bracket	ET-PKD120H	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Low ceiling mount bracket	ET-PKD120S	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wireless module																			
Wireless module	AJ-WM50 ³	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	-	-	-
Peripheral																			
D-Sub/S-VIDEO conversion cable	ET-ADSV	-	-	-	-	-	-		-	-	-	-	-	-	-	-	✓	✓	✓
Software																			
Geometry Manager Pro Upgrade Kit ¹	ET-UK20	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	-	-	-	-	-
Auto Screen Adjustment Upgrade Kit ¹	ET-CUK10/CUK10P ³	✓ ⁵	✓ ⁵	✓ ⁵	✓ ⁵	✓ ⁵	✓ ⁵		✓ ⁵	✓ ⁵	✓	✓	✓	✓	-	-	-	-	-
NFC Upgrade Kit	ET-NUK10 ^{3,4}	✓	✓	✓	✓	✓	✓		✓	✓	-	-	-	-	-	-	-	-	-
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-MDNBP10	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
Interface board (Intel® SDM)																			
12G-SDI Terminal Board	TY-SB01QS	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	-	-	-	-	-
DIGITAL LINK Terminal Board	TY-SB01DL	✓	✓	✓	✓	✓	✓		✓	✓	-	-	-	-	-	-	-	-	-
12G-SDI Optical Function Board	TY-SB01FB ³	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	-	-	-	-	-

- 1: The functions supported by Geometry Manager Pro Software and its upgrade kit have been integrated into the Visual Software Suite.
 Geometry Manager Pro Software will remain available with limited updates, while the upgrade kit will be discontinued in CY2026 Q2.
 2: Recommended when used with the ET-DLE035.
 3: The availability varies depending on the country.
 4: To use NFC function, Smart Projector Control App is required.
 5: Features are pre-activated, no need for activation.

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

Model Type	Model Number	PT-MZ20KL	PT-MZ17KL	PT-MZ14KL	PT-MZ11KL	PT-MZ882L	PT-MZ782L	PT-MZ682L	PT-VMZ82	PT-VMZ72	PT-VMZ62	PT-VMZ51	PT-VMZ5ES	PT-LMZ460	PT-LMZ420	PT-VMZ75T	PT-VMZ65T	PT-TMZ400	PT-CMZ50
Ceiling mount bracket																			
High ceiling mount bracket with 6-axis adjustment mechanism	ET-PKD130H	✓ ⁴	✓ ⁴	✓ ⁴	✓ ⁴	✓ ⁶	✓ ⁶	✓ ⁶	-	-	-	-	-	-	-	-	-	-	✓
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-RFM200	-	-	-	-	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-
Replacement filter unit	ET-RFM100	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Replacement filter unit	ET-RFV500	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	-	-	✓	✓	-	✓
Replacement filter unit	ET-RFV410	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	-	-	-	-	-	-
Replacement filter unit	ET-RFL400	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓	-	-	✓	-
Wireless module																			
Wireless module	AJ-WM50 ²	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Software																			
Geometry Manager Pro Upgrade Kit ¹	ET-UK20	✓ ⁵	✓ ⁵	✓ ⁵	✓ ⁵	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Auto Screen Adjustment Upgrade Kit	ET-CUK10/CUK10P ²	✓ ⁵	✓ ⁵	✓ ⁵	✓ ⁵	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NFC Upgrade Kit	ET-NUK10 ^{2,3}	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- 1: The functions supported by Geometry Manager Pro Software and its upgrade kit have been integrated into the Visual Software Suite.
 Geometry Manager Pro Software will remain available with limited updates, while the upgrade kit will be discontinued in CY2026 Q2.
- 2: The availability varies depending on the country.
- 3: To use NFC function, Smart Projector Control App is required.
- 4: Recommended when used with the ET-EMU100.
- 5: Features are pre-activated, no need for activation.
- 6: Recommended when used with the ET-ELU20.

Optional Frames

Mechanical Solutions for Projectors



PANASONIC FRAME MODEL	FRAME ET-RFD35	FRAME ET-RFD40	FRAME ET-RFD41	FRAME ET-RFD50	FRAME ET-RFD65	FRAME ET-RFD60	FRAME ET-RFD70	FRAME ET-RFD70H
Dimensions [W + H + D] [mm]	586 x 306 x 560	652 x 353.5 x 683	652 x 394 x 683	768.5 x 373 x 678	778 x 388.5 x 721.4	750 x 435 x 883	750 x 540 x 883	749 x 540 x 894
Weight [kg] (frame)	6.5	13.5	13.5	14.5	15.5	16	19	20
Maximum projector weight [kg] incl. lens	34	35	35	35	50	70	80	80
Possible orientation	Landscape, Portrait, Vertical down							
Maximum Stacking	Ceiling mount: 2, with a maximum weight of 80KG Floor: 3, with a maximum weight of 120KG	Ceiling mount: 3 Floor: 3	Ceiling mount: 3 Floor: 3	Ceiling mount: 3 Floor: 3	Ceiling mount: 3 Floor: 3	Ceiling mount: 2 Floor: 2	Ceiling mount: 2 Floor: 2	Ceiling mount: 2 Table mount 3 (more on request)
Compatibility selection, more on request	PT-RQ7L, PT-RQ6L, PT-RZ7L, PT-RZ6L	PT-REQ15/12/10/80, PT-REZ15/12/10/80, PT-RZ990 series, PT-RZ970 series, PT-RZ120, PT-RCQ10, PT-RCQ80	Optimized for PT-REQ15/12/10/80, PT-REZ15/12/10/80, PT-RZ990 series, PT-RZ970 series, PT-RZ120, PT-RCQ10, PT-RCQ81	PT-MZ20K, PT-MZ17K, PT-MZ14K, PT-MZ11K, PT-MZ16K, PT-MZ13K, PT-MZ10K, PT-MZ882, PT-MZ782, PT-MZ682	PT-RQ25K, PT-RQ18K, PT-RZ24K, PT-RZ17K	PT-RQ22K, PT-RZ21K, PT-RZ16K, PT-RQ13K, PT-RZ12K	PT-RQ35K, PT-RZ34K, PT-RQ45K, PT-RZ44K	PT-RQ35K, PT-RZ34K, PT-RQ45K, PT-RZ44K

Large-Venue

Installation

Portable

Short Throw/
Ultra Short Throw

Media Processor

Lenses

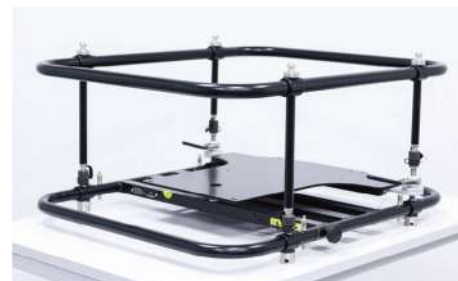
Features

Options

Software/Apps
PressIT/Intel®SDW

Optional Frames

Mechanical Solutions for Projectors



ACCESSORIES FOR PROJECTOR FRAMES	FRAME ET-LINK 200	FRAME ET-LINK 201	FRAME ET-LINK 210	FRAME ET-LINK 211	FRAME ET-CLP30PT
Description	Selflock hook adapter for hanging	Selflock hook adapter for hanging + Fine adjust (+/- 5°)	Selflock hook adapter for hanging + Crossbeam	Selflock hook adapter for hanging + Crossbeam + Fine adjust (+/- 5°)	Clamps (4 pcs) for portrait table installation
Compatible Frames	ET-RFD40, RFD41, RFD50, RFD60, RFD65, RFD70, RFD70H				

ACCESSORIES FOR PROJECTOR FRAMES	FRAME ET-CLP5030	FRAME ET-CLP6030	FRAME ET-CLP5040	FRAME ET-CLP6040	FRAME ET-CLP40PT
Description	Clamps (4pcs) for 50mm truss mount	Clamps (4pcs) for 60mm truss mount	Clamps (4pcs) for 50mm truss mount	Clamps for 60mm truss mount	Clamps (4 pcs) for portrait table installation
Compatible Frames	ET-RFD40, RFD41, RFD50, RFD60, RFD65, RFD70		ET-RFD70H		

ACCESSORIES FOR PROJECTOR FRAMES	FRAME ET-RFD35P	FRAME ET-RFD35LD	FRAME ET-CLP2550	FRAME ET-CB	FRAME ET-CLP50	FRAME ET-LINKCB	FRAME ET-LINKCLP50
Description	Adapter Bracket - Portrait Mode	Adapter Bracket - Lens down Mode	Set of 4 clamps 25 mm to 50 mm, for truss installation	Ceiling bracket for easy mounting	Clamp for easy hanging to a 50mm truss	Ceiling Bracket featured with ball joint (max angle 25°)	Clamp for easy hanging to 50mm truss featured with ball joint (max angle 25°)
Compatible Frames	ET-RFD35						

Large-Venue

Installation

Portable

Short Throw/
Ultra Short Throw

Media Processor

Lenses

Features

Options

PressIT/intel®SDM

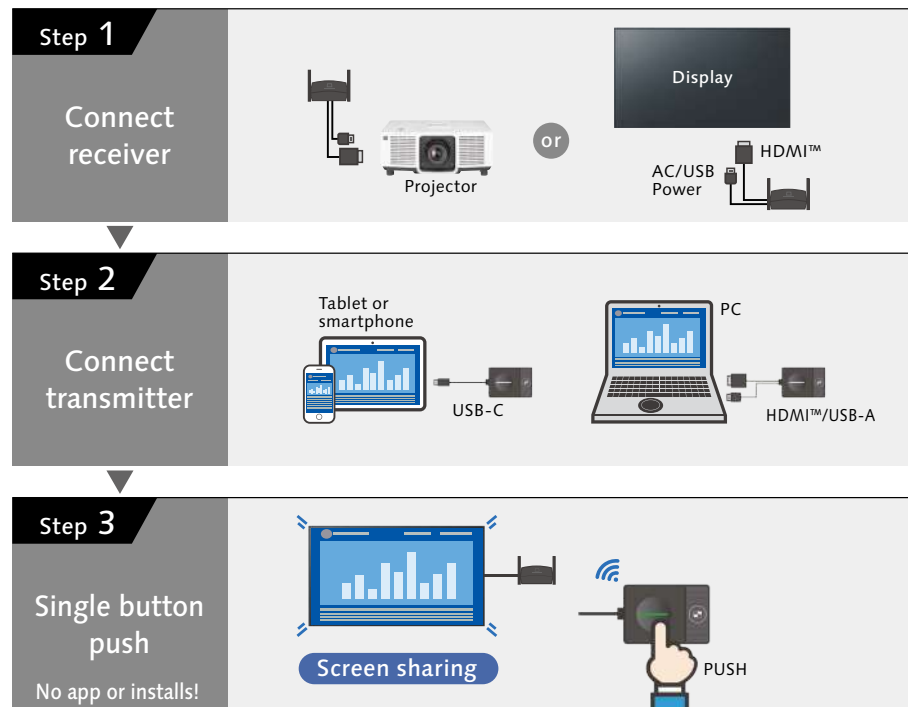
Software/Apps

WPS2 Series

PressIT

"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



Connects to mobile devices

Genuine Digital AV adaptor by Apple is required.

6GHz Wireless LAN adopted

Presents 4 screens in Full HD [supports 4K]

24 channels available

4K UHD video

max. resolution: 3840 x 2160 pixels, 30p transmission

Low latency image

Connects up to 32 transmitters at once

Lock mode prevents interrupts

HDMI™-CEC command compatible

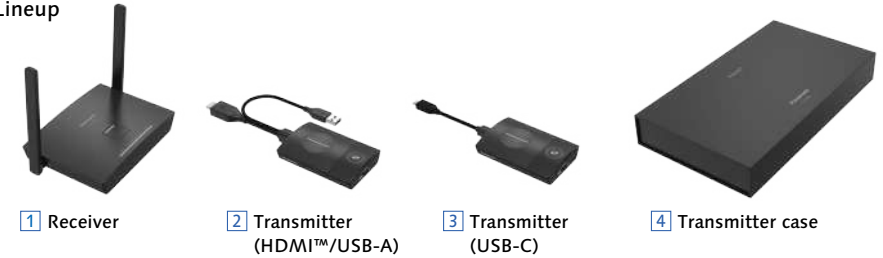
Supports audio transmission

Share screen without transmitter¹

Shared Supports "Multicast" without a router

¹ Firmware update is required. For details, please contact your dealer

Lineup



	Basic Set		Receiver	Transmitter (HDMI™/USB-A)	Transmitter (USB-C)
Model	TY-WPS2	TY-WPSC2	TY-WPR2	TY-WPB2	TY-WPBC2
Applicable product	Flat Panel Display / Projector (Panasonic and others)			PC/Tablet/Smartphone	
What's included?	1 Receiver x1 2 Transmitter (HDMI™/USB-A) x2 4 Transmitter case x1	1 Receiver x1 3 Transmitter (USB-C) x2 4 Transmitter case x1	1 Receiver x1	2 Transmitter (HDMI™/USB-A) x1	3 Transmitter (USB-C) x1

Specifications

Product	Receiver TY-WPR2	Transmitter (HDMI™/USB-A) TY-WPB2	Transmitter (USB-C) TY-WPBC2
Max resolution/ Frame rate	1920 x 1080/60p, 3840 x 2160/60p	1920 x 1080/60p, 3840 x 2160/30p	
Number of simultaneous connections	32	—	
Number of sources simultaneous on screen	4	—	
Data Rate	Wired: 10/100 (Mbps) Wireless: Max. 2.4 Gbps	10/100 (Mbps) Max. 1.2 Gbps	
Frequency band	• 2.4GHz band 2,401 MHz - 2,483 MHz 1/2/3/4/5/6/7/8/9/10/11/12/13 Channel • 5GHz band 5,150 MHz - 5,250 MHz 36/40/44/48 Channel • 6GHz band 5,945 MHz - 6,425 MHz 1/5/9/13/17/21/25/29/33/37/41/45/49/53/57/61/65/69/73/77/81/85/89/93 Channel	• 5GHz band 5,150 MHz - 5,250 MHz 36/40/44/48 Channel • 6GHz band 5,945 MHz - 6,425 MHz 1/5/9/13/17/21/25/29/33/37/41/45/49/53/57/61/65/69/73/77/81/85/89/93 Channel	
Wireless transmission protocol	IEEE802.11 b/a/g/n/ac/ax	IEEE802.11ac/ax	
Security	WPA3/WPA2	WPA3/WPA2	
Reach (Max distance between transmitter and receiver)	30 m (5GHz band)/ 15 m (6GHz band) (When the line of sight/wave conditions are good)	30 m (5GHz band)/ 15 m (6GHz band) (When the line of sight/wave conditions are good)	
Terminals	HDMI™/USB-A (female) x 2 / RJ45/M3	HDMI™/USB-A (male)	USB-C (male)
Power	DC 5 V/2 A	DC 5 V/0.9 A	
Power consumption	10 W	4.5 W	
Dimensions (W x H x D)	156 x 26 x 97.5 mm (6.14" x 1.02" x 3.83") (Excluding antenna)	61.3 x 19.8 x 87.3 mm (2.41" x 0.98" x 3.44") (Excluding cable) 61.3 x 19.8 x 297.3 mm (2.41" x 0.98" x 11.7") (Including cable)	61.3 x 19.8 x 87.3 mm (2.41" x 0.98" x 3.44") (Excluding cable) 61.3 x 19.8 x 192.3 mm (2.41" x 0.98" x 7.57") (Including cable)
Weight	Approx. 270 g / 0.6 lbs	Approx. 130 g / 0.3 lbs	Approx. 130 g / 0.3 lbs

PressIT360

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-C) or 3 W (When AC adaptor is connected)
Dimensions	Diameter $\phi 64$ 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-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 $\phi 64$ 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.

Intel® SDM compatible function boards

TY-SB01DL	Panasonic Digital Link Terminal Board
TY-SB01QS	Panasonic 12G-SDI Terminal Board
TY-SB01FB	Panasonic 12G-SDI Optical Function Board
ET-SBFMP10	Panasonic Media Processor board
TY-SDI-HDTV-SDM	Apantac 12G SDI Receiver for SDM
TY-SDVoE-SDM	Apantac SDVoE Receiver for SDM
TY-HDBT-SDM	Apantac UHD HDBaseT Receiver for SDM
TY-IPMX-MVX-SDM	Matrox ConvertIP SDM 4K IPMX-ready/ST 2110 Receiver



For more information, please visit the website

>>> <https://docs.connect.panasonic.com/prodisplays/solutions/technology/slot/sdm/>

What is Visual Software Suite 2.0?



Visual Software Suite 2.0 (VSS 2.0) is a free, Windows®-based platform that combines multiple functions into one intuitive graphical interface, enabling swift and efficient setup and onsite adjustments. Integrating and enhancing the capabilities of previously separate Panasonic software, it transforms your workflow into streamlined and cost-effective processes.

Software Highlights

**Intuitive User Interface**

- Simple to learn and master
- Easy navigation through four screens in operational order

**Warping & Color Adjustment**

- Distortion correction, detail adjustment, free-shape masking
- Uniformity¹, color, brightness adjustment and control¹
- Manual edge blending adjustment

**Playback Management²**

- Supports multiple playlists
- Supports gapless media looping to prevent screen blanking
- Supports playback via external UDP commands
- Preview content on PC screen or projection screen

**Auto Calibration**

- Auto geometry correction, blending, black level adjustment, color matching³, and content splitting²
- Click to define the image projection area
- Works with one or more Nikon or IDS cameras⁴

**Projector Control¹**

- Lens shift, zoom, focus, and peripheral focus
- Projector settings access via browser
- Power on/standby, shutter open/close
- Test pattern selection
- Command control, etc.

**Automation & Scheduling²**

- Create custom schedules for automated daily playback
- Simple, intuitive, labor-saving operation

1: Described functions require use with compatible projectors.

2: Described functions require use with an optional ET-FMP50 Series media processor. 3: Performed at the projector level only.

4: Compatible cameras (sold separately) comprise NIKON D5200/D5300/D5500/D5600/D7500/Z50/Z5 and the IDS GV-5890CP-C-HQ.

Compatible Media Processors

ET-FMP50/FMP20



ET-SBFMP10



Projector and Software Compatibility

Projector + VSS 2.0

Current models	Previous models
PT-RQ50K	PT-RQ32K/RZ31K/RS30K
PT-RQ35K2/RZ34K2/RQ35K/RZ34K	PT-RQ22K/RZ21K/RS20K
PT-RQ25K/RZ24K/RQ18K/RZ17K	PT-RZ16K/RQ13K/RZ12K/RS11K
PT-RZ14K	PT-RCQ10/RCQ80
PT-REQ15/REQ12/REQ10/REQ80	PT-RZ120
PT-REZ15/REZ12/REZ10/REZ80	PT-RZ990/RZ890/RZ790/RZ690
PT-RQ7/RQ6/RZ7/RZ6	PT-RZ970/RZ870/RZ770/RZ670/RZ560
PT-MZ20K/MZ17K/MZ14K/MZ11K	PT-MZ16K/MZ13K/MZ10K

Projector + FMP50 Series + VSS 2.0

When Using ET-FMP50/FMP20 (Box Type)
All Panasonic projectors and professional displays

When Using ET-SBFMP10 (Function Board Type)
Panasonic projectors with an Intel® SDM standard-compatible slot

Supported projector models equipped with an Intel® SDM standard-compatible slot

PT-RQ25K/RZ24K/RQ18K/RZ17K
PT-RZ14K
PT-REQ15/REQ12/REQ10/REQ80
PT-REZ15/REZ12/REZ10/REZ80
PT-RQ7/RQ6/RZ7/RZ6

For downloading the software, please visit our website: >> <https://docs.connect.panasonic.com/projector/products/vss/index.html>

Note: The functions supported by Geometry Manager Pro Software and its upgrade kit have been integrated into the Visual Software Suite. Geometry Manager Pro Software will remain available with limited updates, while the upgrade kit will be discontinued in CY2026 Q2.

Remotely Managed Service

What is Remotely Managed Service?

Remotely Managed Service is a cloud-based solution that transforms how you manage your projection system. Monitor device status anywhere, any time, maintain image quality automatically or remotely, and use performance data to visualize brightness degradation and plan maintenance or renewal in advance to ensure consistent, high-quality operation.

Services

Core Service

Monitoring



Monitor and troubleshoot devices remotely via PC or mobile browser

Add-on Service

Image Adjustment



Maintain the quality of blended or stacked images automatically or remotely

Add-on Service

Brightness Maintenance



Ensure stable performance with predictive brightness analysis

Highlights



Monitoring Basic (Free)

Provides an overview of device status and a troubleshooting guide

Key Features

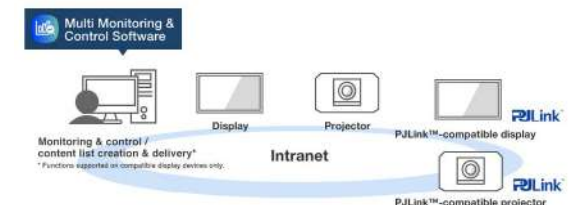
- Real-time monitoring
- Intuitive dashboard
- Manage devices by floor plan
- Troubleshooting guide embedded¹
- Error alerts via email

1: Supported models will be updated sequentially.

Get connected now: >> <https://docs.connect.panasonic.com/projector/products/rms/>

Multi Monitoring & Control Software

An on-premises solution that enables real-time monitoring and control to support the operation of projectors and displays. Support IP control and real-time monitoring for up to 2,048 projectors and displays on the intranet.



For downloading the software, please visit our website: >> <https://docs.connect.panasonic.com/projector/products/mmc/>