



Large-Venue

Recommended Applications:

- Rental/Staging
- Auditoriums
- Digital Signage
- Houses of Worship/Churches

Installation

Recommended Applications:

- Seminar Rooms/Lecture Rooms
- Museums/Exhibition
- Corporate Uses
- Digital Signage
- Boardrooms



Portable

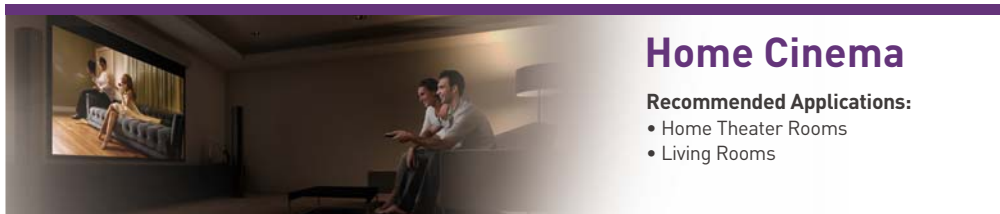
Recommended Applications:

- Medium to Small Classrooms
- Meeting Rooms

Short Throw

Recommended Applications:

- Small Classrooms
- Meeting Rooms



Home Cinema

Recommended Applications:

- Home Theater Rooms
- Living Rooms



In order to provide visual solutions to a variety of applications and situations, Panasonic offers a wide lineup of professional displays in addition to projectors.

For more information about Panasonic professional displays >> <http://business.panasonic.co.uk/visual-system/>



PROJECTOR LINEUP

JANUARY 2014

Large-Venue

Rental/Staging Auditorium Museum/Exhibition Control Room Digital Signage Houses of Worship/Church



3-Chip DLP™

PT-DZ21K

 20,000 lm | WUXGA
 • Geometric Adjustment
 • Lens Memory
 • Eco Filter

PT-DS20K

 20,000 lm | SXGA+
 • Geometric Adjustment
 • Lens Memory
 • Eco Filter

PT-DW17K

 17,000 lm | WXGA
 • Lens Memory
 • Eco Filter



3-Chip DLP™

PT-DZ13K

 12,000 lm | WUXGA
 • Geometric Adjustment
 • Lens Memory
 • Eco Filter

PT-DS12K

 12,000 lm | SXGA+
 • Geometric Adjustment
 • Lens Memory
 • Eco Filter

PT-DW11K

 11,000 lm | WXGA
 • Lens Memory
 • Eco Filter

PT-DZ10K

 10,600 lm | WUXGA
 • Geometric Adjustment
 • Lens Memory
 • Eco Filter

Rental/Staging Auditorium Houses of Worship/Church



LCD

PT-EX16K

 16,000 lm | XGA
 • Pure Color Control
 • Corner Keystone



LCD

PT-EX12K

 13,000 lm | XGA
 • Pure Color Control
 • Corner Keystone
 • Eco Filter

Installation

Museum/Exhibition Simulation Control Room Digital Signage Seminar Room/Lecture Room



1-Chip DLP™

PT-DZ870

 8,500 lm | WUXGA
 • Dynamic RGB Booster
 • Dust Resistant Optics
 • Geometric Adjustment
 • Available as lens-less model

PT-DW830

 8,500 lm | WXGA
 • Dynamic RGB Booster
 • Dust Resistant Optics
 • Available as lens-less model

PT-DX100

 10,000 lm | XGA
 • Dynamic RGB Booster
 • Dust Resistant Optics
 • Available as lens-less model



1-Chip DLP™

PT-DZ770K

 7,000 lm | WUXGA
 • RGB Booster
 • Eco Filter
 • Available as lens-less model



1-Chip DLP™

PT-DW740S

 7,000 lm | WXGA
 • RGB Booster
 • Eco Filter
 • Available as lens-less model

PT-DX810S

 8,200 lm | XGA
 • RGB Booster
 • Eco Filter
 • Available as lens-less model



1-Chip DLP™

PT-DZ6710

 6,000 lm | WUXGA
 • Geometric Adjustment
 • RGB Booster
 • Auto Cleaning Filter
 • Available as lens-less model



1-Chip DLP™

PT-DZ680

 6,000 lm | WUXGA
 [Available in silver/black cabinet]
 • RGB Booster
 • Eco Filter
 • Available as lens-less model

PT-DW640

 6,000 lm | WXGA
 [Available in silver/black cabinet]
 • RGB Booster
 • Eco Filter
 • Available as lens-less model

PT-DX610

 6,500 lm | XGA
 [Available in silver/black cabinet]
 • RGB Booster
 • Eco Filter
 • Available as lens-less model

Seminar Room/Lecture Room Boardroom



1-Chip DLP™

PT-DZ570
^{option 1}
 4,000 lm | WUXGA
 • RGB Booster
 • 2x Zoom lens

PT-DW530
^{option 1}
 4,000 lm | WXGA
 • RGB Booster
 • 2x Zoom lens

PT-DX500
^{option 1}
 4,500 lm | XGA
 • RGB Booster
 • 2x Zoom lens

Museum/Exhibition Control Room Digital Signage



1-Chip DLP™

PT-RZ470

 3,500 lm | Full HD
 [Available in white/black cabinet]
 • No lamp/filter replacement
 • DIGITAL LINK-ready
 • Portrait mode capability

PT-RW430

 3,500 lm | WXGA
 [Available in white/black cabinet]
 • No lamp/filter replacement
 • DIGITAL LINK-ready
 • Portrait mode capability

Seminar Room/Lecture Room Meeting Room



1-Chip DLP™

PT-RZ370

 3,500 lm | Full HD
 • No lamp/filter replacement
 • DIGITAL LINK-ready

PT-RW330

 3,500 lm | WXGA
 • No lamp/filter replacement
 • DIGITAL LINK-ready

Seminar Room/Lecture Room Boardroom



LCD

PT-EZ770Z

 6,500 lm | WUXGA
 • DIGITAL LINK-ready
 • Daylight View Basic
 • Eco Filter
 • Available as lens-less model

PT-EW730Z

 7,000 lm | WXGA
 • DIGITAL LINK-ready
 • Daylight View Basic
 • Eco Filter
 • Available as lens-less model

PT-EX800Z

 7,500 lm | XGA
 • DIGITAL LINK-ready
 • Daylight View Basic
 • Eco Filter
 • Available as lens-less model



LCD

PT-EZ570

 5,000 lm | WUXGA
 • Daylight View Basic
 • Intelligent Lamp Control
 • Eco Filter
 • Available as lens-less model

PT-EW630

 5,500 lm | WXGA
 • Daylight View Basic
 • Intelligent Lamp Control
 • Eco Filter
 • Available as lens-less model

PT-EX600

 6,000 lm | XGA
 • Daylight View Basic
 • Intelligent Lamp Control
 • Eco Filter
 • Available as lens-less model

PT-EW530

 4,500 lm | WXGA
 • Daylight View Basic
 • Intelligent Lamp Control
 • Eco Filter
 • Available as lens-less model

PT-EX500

 5,000 lm | XGA
 • Daylight View Basic
 • Intelligent Lamp Control
 • Eco Filter
 • Available as lens-less model

Seminar Room/Lecture Room Boardroom Meeting room



LCD

PT-FW430
^{option 1}
 3,500 lm | WXGA
 • 2x Zoom lens
 • Eco Filter

PT-FX400
^{option 1}
 4,000 lm | XGA
 • 2x Zoom lens
 • Eco Filter

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

Portable

Medium to Small Classrooms Meeting Room



LCD

PT-VW435N

WIRED LAN WIDE 4,300 lm WXGA

- 1.6x Zoom lens
- Vertical lens shift

PT-VW431D

DIGITAL LINK WIRED LAN WIDE 4,300 lm WXGA

- DIGITAL LINK-ready
- 1.6x Zoom lens
- Vertical lens shift

PT-VW430

WIRED LAN WIDE 4,300 lm WXGA

- 1.6x Zoom lens
- Vertical lens shift

PT-VX505N

WIRED LAN 5,000 lm XGA

- 1.6x Zoom lens
- Vertical lens shift

PT-VX500

WIRED LAN 5,000 lm XGA

- 1.6x Zoom lens
- Vertical lens shift



LCD

PT-VW345NZ

WIRED LAN WIDE 3,700 lm WXGA

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

PT-VW340Z

WIRED LAN WIDE 3,700 lm WXGA

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

PT-VX415NZ

WIRED LAN 4,200 lm XGA

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

PT-VX410Z

WIRED LAN 4,200 lm XGA

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



LCD

PT-VX42Z

WIRED LAN 4,000 lm XGA

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

Small Classroom Meeting Room



1-Chip DLP™

PT-LX351

WIRED LAN 3,500 lm XGA

- Intelligent Lamp Control
- Built-in 8 W speaker
- HDMI

PT-LW271

WIRED LAN WIDE 2,700 lm WXGA

- Intelligent Lamp Control
- Built-in 8 W speaker
- HDMI



1-Chip DLP™

PT-LX300

3,000 lm XGA

- Intelligent Lamp Control
- Built-in 2 W speaker
- HDMI

PT-LX270

2,700 lm XGA

- Intelligent Lamp Control
- Built-in 2 W speaker
- HDMI

Short Throw

Small Classroom Meeting Room Museum/Exhibition



1-Chip DLP™

PT-CW331R

WIRED LAN WIDE ED PROFESSIONAL 3,100 lm WXGA

- Interactive
- 3D ready
- Built-in 10 W speaker

PT-CW241R

WIRED LAN WIDE ED PROFESSIONAL 2,600 lm WXGA

- Interactive
- 3D ready
- Built-in 10 W speaker

PT-CX301R

WIRED LAN WIDE ED PROFESSIONAL 3,100 lm XGA

- Interactive
- 3D ready
- Built-in 10 W speaker



1-Chip DLP™

PT-CW330

WIRED LAN WIDE ED PROFESSIONAL 3,100 lm WXGA

- 3D ready
- Built-in 10 W speaker
- HDMI

PT-CW240

WIRED LAN WIDE ED PROFESSIONAL 2,600 lm WXGA

- 3D ready
- Built-in 10 W speaker
- HDMI

PT-CX300

WIRED LAN WIDE ED PROFESSIONAL 3,100 lm XGA

- 3D ready
- Built-in 10 W speaker
- HDMI

Small Classroom Meeting Room

NEW



1-Chip DLP™

PT-TW331R

WIRED LAN WIDE 3,100 lm WXGA

- Interactive
- Intelligent Lamp Control
- HDMI

PT-TX301R

WIRED LAN 3,000 lm XGA

- Interactive
- Intelligent Lamp Control
- HDMI

NEW



1-Chip DLP™

PT-TW330

WIRED LAN WIDE 3,100 lm WXGA

- Intelligent Lamp Control
- HDMI

PT-TW240

WIRED LAN WIDE 2,700 lm WXGA

- Intelligent Lamp Control
- HDMI

PT-TX300

WIRED LAN 3,000 lm XGA

- Intelligent Lamp Control
- HDMI

Home Cinema

Home Theater Room Living Room



LCD

PT-AT6000

WIRED LAN FULL HD 2,400 lm

- Full HD (1,920 x 1,080)
- Intelligent Lens Memory
- 3D Motion Remaster



LCD

PT-AH1000

WIRED LAN FULL HD 2,800 lm

- Full HD (1,920 x 1,080)
- Light Harmonizer 3

Turnkey Solution for Multi-Window Presentations

NEW DIGITAL LINK*1



Optional Accessory

Multi Window Processor ET-MWP100G (optional)

The ET-MWP100G Multi Window Processor makes it possible to quickly and efficiently combine multiple displays and projectors into a video wall or a multi vision system.

All-in-One Connectivity

DIGITAL LINK



Optional Accessory

Digital Interface Box ET-YFB100G (optional)

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

*1: When the optional DIGITAL LINK board is mounted.

Large-Venue

PT-DZ21K



3-Chip DLP™ Projector | WIRED LAN | 3D PROFESSIONAL
20,000 lm | WUXGA

* Lens sold separately.

PT-DS20K



3-Chip DLP™ Projector | WIRED LAN | 3D PROFESSIONAL
20,000 lm | SXGA+

* Lens sold separately.

PT-DW17K



3-Chip DLP™ Projector | WIRED LAN | 3D PROFESSIONAL
17,000 lm | WXGA

* Lens sold separately.

PT-DZ13K



3-Chip DLP™ Projector | WIRED LAN | 3D PROFESSIONAL
12,000 lm | WUXGA

* Lens sold separately.

PT-DS12K



3-Chip DLP™ Projector | WIRED LAN | 3D PROFESSIONAL
12,000 lm | SXGA+

* Lens sold separately.

	PT-DZ21K	PT-DS20K	PT-DW17K	PT-DZ13K	PT-DS12K
Optical	Panel type 24.4 mm (0.96 inches) DLP™ chip x 3 Aspect ratio 16:10 Lamp 465 W UHM x 4 Brightness 20,000 lm Contrast (full on/full off) 10,000:1 Resolution native/maximum*1 WUXGA (1,920 x 1,200) Screen size (diagonal)*2 1.78-25.4 m (70-1,000 inches)*4 Lens shift Vertical: ±5%*, horizontal: ±20%*5 (powered)	Panel type 24.1 mm (0.95 inches) DLP™ chip x 3 Aspect ratio 4:3 Lamp 465 W UHM x 4 Brightness 20,000 lm Contrast (full on/full off) 10,000:1 Resolution native/maximum*1 SXGA+ (1,400 x 1,050)/WUXGA (1,920 x 1,200) Screen size (diagonal)*2 1.78-25.4 m (70-1,000 inches)*4 Lens shift Vertical: ±5%*, horizontal: ±30%*9 (powered)	Panel type 21.6 mm (0.85 inches) DLP™ chip x 3 Aspect ratio 16:9 Lamp 465 W UHM x 4 Brightness 17,000 lm Contrast (full on/full off) 10,000:1 Resolution native/maximum*1 WXGA (1,366 x 768)/WUXGA (1,920 x 1,200) Screen size (diagonal)*2 1.78-25.4 m (70-1,000 inches)*4 Lens shift Vertical: ±70%*10, horizontal: ±30%*10 (powered)	Panel type 24.4 mm (0.96 inches) DLP™ chip x 3 Aspect ratio 4:3 Lamp 380 W UHM x 2 Brightness 12,000 lm Contrast (full on/full off) 10,000:1 Resolution native/maximum*1 WUXGA (1,920 x 1,200) Screen size (diagonal)*2 1.78-25.4 m (70-1,000 inches)*4 Lens shift Vertical: ±5%*, horizontal: ±20%*5 (powered)	Panel type 24.1 mm (0.95 inches) DLP™ chip x 3 Aspect ratio 4:3 Lamp 380 W UHM x 2 Brightness 12,000 lm Contrast (full on/full off) 10,000:1 Resolution native/maximum*1 SXGA+ (1,400 x 1,050)/WUXGA (1,920 x 1,200) Screen size (diagonal)*2 1.78-25.4 m (70-1,000 inches)*4 Lens shift Vertical: ±50%*, horizontal: ±30%*9 (powered)
Interface	Terminals SDI in [BNC x 2 (3G/HD/SD-SDI x 1, HD/SD-SDI x 1)] 3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPbPr/YCaCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCr x 1)] Composite video in [BNC x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	Terminals SDI in [BNC x 2 (3G/HD/SD-SDI x 1, HD/SD-SDI x 1)] 3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPbPr/YCaCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCr x 1)] Composite video in [BNC x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	Terminals DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPbPr/YCaCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCr x 1)] Composite video in [BNC x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	Terminals SDI in [BNC x 2 (3G/HD/SD-SDI x 1, HD/SD-SDI x 1)] 3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPbPr/YCaCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCr x 1)] Composite video in [BNC x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	Terminals SDI in [BNC x 2 (3G/HD/SD-SDI x 1, HD/SD-SDI x 1)] 3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPbPr/YCaCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCr x 1)] Composite video in [BNC x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]
General	Power supply 200-240 V AC, 12 A, 50/60 Hz Power consumption 2,300 W Dimensions (W x H x D) 620 x 291*6 x 800 mm*7 (24-7/16 x 11-15/32*6 x 31-1/2 inches)*7 Weight*3 Approx. 43 kg/94.8 lbs	Power supply 200-240 V AC, 12 A, 50/60 Hz Power consumption 2,300 W Dimensions (W x H x D) 620 x 291*6 x 800 mm*7 (24-7/16 x 11-15/32*6 x 31-1/2 inches)*7 Weight*3 Approx. 43 kg/94.8 lbs	Power supply 200-240 V AC, 12 A, 50/60 Hz Power consumption 2,300 W Dimensions (W x H x D) 620 x 291*6 x 800 mm*7 (24-7/16 x 11-15/32*6 x 31-1/2 inches)*7 Weight*3 Approx. 43 kg/94.8 lbs	Power supply 120 V AC, 9.3 A, 50/60 Hz 220-240 V AC, 5 A, 50/60 Hz Power consumption 1,000 W (120 V AC)/970 W (220-240 V AC) Dimensions (W x H x D) 530 x 200*6 x 548.5 mm*7 (20-7/8 x 7-7/8*6 x 21-19/32 inches)*7 Weight*3 Approx. 24 kg/52.9 lbs	Power supply 120 V AC, 9.1 A, 50/60 Hz 220-240 V AC, 5 A, 50/60 Hz Power consumption 980 W (120 V AC)/950 W (220-240 V AC) Dimensions (W x H x D) 530 x 200*6 x 548.5 mm*7 (20-7/8 x 7-7/8*6 x 21-19/32 inches)*7 Weight*3 Approx. 24 kg/52.9 lbs
Features	Filter Eco Filter Edge Blending Yes Geometric Adjustment Yes (Optional upgrade kit available) Multi-Unit Brightness Control Yes Portrait mode Yes*8 Daylight View System Daylight View 2 Detail Clarity Processor Detail Clarity Processor 3 DICOM Simulation Mode Yes P-in-P Yes	Filter Eco Filter Edge Blending Yes Geometric Adjustment Yes (Optional upgrade kit available) Multi-Unit Brightness Control Yes Portrait mode Yes*8 Daylight View System Daylight View 2 Detail Clarity Processor Detail Clarity Processor 3 DICOM Simulation Mode Yes P-in-P Yes	Filter Eco Filter Edge Blending Yes Geometric Adjustment - Multi-Unit Brightness Control Yes Portrait mode Yes*8 Daylight View System Daylight View 2 Detail Clarity Processor Detail Clarity Processor 3 DICOM Simulation Mode Yes P-in-P Yes	Filter Eco Filter Edge Blending Yes Geometric Adjustment Yes (Optional upgrade kit available) Multi-Unit Brightness Control Yes Portrait mode Yes*8 Daylight View System Daylight View 2 Detail Clarity Processor Detail Clarity Processor 3 DICOM Simulation Mode Yes P-in-P Yes	Filter Eco Filter Edge Blending Yes Geometric Adjustment Yes (Optional upgrade kit available) Multi-Unit Brightness Control Yes Portrait mode Yes*8 Daylight View System Daylight View 2 Detail Clarity Processor Detail Clarity Processor 3 DICOM Simulation Mode Yes P-in-P Yes
Accessory	Replacement lamp ET-LAD510/ET-LAD510F (4 units) ET-LAD510P/ET-LAD510PF (for portrait mode) Optional accessories ET-PKD510H (High ceiling mount bracket) ET-PKD510S (Low ceiling mount bracket) ET-PFD510 (Frame) ET-EMF510 (Replacement filter unit) ET-SFR510 (Smoke cut filter) ET-UK20 (Upgrade kit with Geometry Manager Pro)	Replacement lamp ET-LAD510/ET-LAD510F (4 units) ET-LAD510P/ET-LAD510PF (for portrait mode) Optional accessories ET-PKD510H (High ceiling mount bracket) ET-PKD510S (Low ceiling mount bracket) ET-PFD510 (Frame) ET-EMF510 (Replacement filter unit) ET-SFR510 (Smoke cut filter) ET-UK20 (Upgrade kit with Geometry Manager Pro)	Replacement lamp ET-LAD510/ET-LAD510F (4 units) ET-LAD510P/ET-LAD510PF (for portrait mode) Optional accessories ET-PKD510H (High ceiling mount bracket) ET-PKD510S (Low ceiling mount bracket) ET-PFD510 (Frame) ET-EMF510 (Replacement filter unit) ET-SFR510 (Smoke cut filter)	Replacement lamp ET-LAD310A/ET-LAD310AW (2 units) ET-LAD320P/ET-LAD320PW (for portrait mode) Optional accessories ET-PKD310H (High ceiling mount bracket) ET-PKD310S (Low ceiling mount bracket) ET-PAD310 (Attachment for ceiling mount bracket) ET-PFD310 (Frame) ET-EMF320 (Replacement filter unit) ET-SFD320 (Smoke cut filter) ET-SFR320 (Replacement filter for the ET-SFD320) ET-UK20 (Upgrade kit with Geometry Manager Pro)	Replacement lamp ET-LAD310A/ET-LAD310AW (2 units) ET-LAD320P/ET-LAD320PW (for portrait mode) Optional accessories ET-PKD310H (High ceiling mount bracket) ET-PKD310S (Low ceiling mount bracket) ET-PAD310 (Attachment for ceiling mount bracket) ET-PFD310 (Frame) ET-EMF320 (Replacement filter unit) ET-SFD320 (Smoke cut filter) ET-SFR320 (Replacement filter for the ET-SFD320) ET-UK20 (Upgrade kit with Geometry Manager Pro)
	Optional lens ET-D75LE6 (Zoom lens, 0.9-1.1:1) ET-D75LE10 (Zoom lens, 1.3-1.7:1) ET-D75LE20 (Zoom lens, 1.7-2.4:1) ET-D75LE30 (Zoom lens, 2.4-4.7:1) ET-D75LE40 (Zoom lens, 4.6-7.4:1) ET-D75LE8 (Zoom lens, 7.3-13.8:1) ET-D75LE50 (Fixed-focus lens, 0.7:1)	Optional lens ET-D75LE6 (Zoom lens, 1.0-1.2:1) ET-D75LE10 (Zoom lens, 1.4-1.8:1) ET-D75LE20 (Zoom lens, 1.8-2.7:1) ET-D75LE30 (Zoom lens, 2.6-5.1:1) ET-D75LE40 (Zoom lens, 5.1-8.2:1) ET-D75LE8 (Zoom lens, 7.9-15.0:1) ET-D75LE50 (Fixed-focus lens, 0.8:1)	Optional lens ET-D75LE6 (Zoom lens, 1.0-1.2:1) ET-D75LE10 (Zoom lens, 1.4-1.9:1) ET-D75LE20 (Zoom lens, 1.8-2.7:1) ET-D75LE30 (Zoom lens, 2.7-5.2:1) ET-D75LE40 (Zoom lens, 4.6-7.4:1) ET-D75LE8 (Zoom lens, 8.2-15.4:1) ET-D75LE50 (Fixed-focus lens, 0.8:1)	Optional lens ET-D75LE6 (Zoom lens, 0.9-1.1:1) ET-D75LE10 (Zoom lens, 1.3-1.7:1) ET-D75LE20 (Zoom lens, 1.7-2.4:1) ET-D75LE30 (Zoom lens, 2.4-4.7:1) ET-D75LE40 (Zoom lens, 4.6-7.4:1) ET-D75LE8 (Zoom lens, 7.3-13.8:1) ET-D75LE50 (Fixed-focus lens, 0.7:1) ET-D75MC1 (Lens motor cover)	Optional lens ET-D75LE6 (Zoom lens, 1.0-1.2:1) ET-D75LE10 (Zoom lens, 1.4-1.8:1) ET-D75LE20 (Zoom lens, 1.8-2.6:1) ET-D75LE30 (Zoom lens, 2.6-5.1:1) ET-D75LE40 (Zoom lens, 5.0-8.0:1) ET-D75LE8 (Zoom lens, 7.9-15.0:1) ET-D75LE50 (Fixed-focus lens, 0.8:1) ET-D75MC1 (Lens motor cover)
	Standard accessories Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*11	Standard accessories Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*11	Standard accessories Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*11	Standard accessories Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*11	Standard accessories Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*11

*1: Input signals that exceed the native resolution will be converted to the native resolution. *2: The screen size is that of the original aspect ratio.
*3: Average value. Each product has an individual variable in weight. *4: 1.78-15.24 m (70-600 inches) with the ET-D75LE8.
*5: Vertical ±4.4% and horizontal ±15% with the ET-D75LE6. *6: Height: with legs at shortest position. *7: Depth: lens not included.

*8: Mounting the optional lamp unit for portrait mode and updating the projector's firmware to MAIN Ver. 2.00 or later are required.
*9: Vertical ±40% and horizontal ±20% with the ET-D75LE6. *10: Vertical ±60% and horizontal ±20% with the ET-D75LE6.
*11: CD-ROM includes Logo Transfer Software and Multi Projector Monitoring and Control Software.

Large-Venue

	PT-DW11K	PT-DZ10K	PT-EX16K	PT-EX12K
				
	3-Chip DLP™ Projector WIRED LAN 3D PROFESSIONAL 11,000 lm WXGA	3-Chip DLP™ Projector WIRED LAN 10,600 lm WUXGA	LCD Projector WIRED LAN Pure Color Control 16,000 lm XGA	LCD Projector WIRED LAN Pure Color Control 13,000 lm XGA
	* Lens sold separately.		* Lens sold separately.	
Optical	Panel type 21.6 mm (0.85 inches) DLP™ chip x 3 Aspect ratio 16:9 Lamp 380 W UHM x 2 Brightness 11,000 lm Contrast (full on/full off) 10,000:1 Resolution native/maximum*1 WXGA (1,366 x 768)/WUXGA (1,920 x 1,200) Screen size (diagonal)*2 1.78-25.4 m (70-1,000 inches)*4 Lens shift Vertical: ±70%*5, horizontal: ±30%*5 [powered]	Panel type 24.4 mm (0.96 inches) DLP™ chip x 3 Aspect ratio 16:10 Lamp 355 W UHM x 2 Brightness 10,600 lm Contrast (full on/full off) 10,000:1 Resolution native/maximum*1 WUXGA (1,920 x 1,200) Screen size (diagonal)*2 1.78-25.4 m (70-1,000 inches)*4 Lens shift Vertical: ±55%*9, horizontal: ±20%*9 [powered]	Panel type 46 mm (1.8 inches) LCD x 3 Aspect ratio 4:3 Lamp 380 W UHM x 4 Brightness 16,000 lm Contrast (full on/full off) 2,500:1 Resolution native/maximum*1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) Screen size (diagonal)*2 1.02-15.24 m (40-600 inches)*10 Lens shift Vertical: ±39%*11, horizontal: ±10%*11 [powered]	Panel type 46 mm (1.8 inches) LCD x 3 Aspect ratio 4:3 Lamp 380 W UHM x 2 Brightness 13,000 lm Contrast (full on/full off) 4,000:1 Resolution native/maximum*1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) Screen size (diagonal)*2 1.02-15.24 m (40-600 inches)*10 Lens shift Vertical: ±39%*11, horizontal: ±10%*11 [powered]
Interface	Terminals 3D SYNC in/out [BNC x 1 (3D timing signal)] 3D SYNC out [BNC x 1 (3D timing signal)] DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPbPr/YCbCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Composite video in [BNC x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	Terminals SDI in [BNC x 1 (3G/HD/SD-SDI x 1)] DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPbPr/YCbCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Composite video in [BNC x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	Terminals DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB in [D-sub HD 15-pin x 1 (RGB x 1)] RGB in [BNC x 5 (RGB/YPbPr/YCbCr x 1)] S-Video in [Mini-DIN 4-pin x 1] Serial in [D-sub 9-pin x 1 (RS-232C x 1)] Serial out [D-sub 9-pin x 1 (RS-232C x 1)] Remote 1 in [M3 x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] Optional board slot [Slot x 2]	Terminals DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB in [D-sub HD 15-pin x 1 (RGB x 1)] RGB in [BNC x 5 (RGB/YPbPr/YCbCr x 1)] S-Video in [Mini-DIN 4-pin x 1] Serial in [D-sub 9-pin x 1 (RS-232C x 1)] Serial out [D-sub 9-pin x 1 (RS-232C x 1)] Remote 1 in [M3 x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB [USB type-B x 1] Optional board slot [Slot x 2]
General	Power supply 120 V AC, 9.1 A, 50/60 Hz 220-240 V AC, 4.8 A, 50/60 Hz Power consumption 980 W (120 V AC)/950 W (220-240 V AC) Dimensions (W x H x D) 530 x 200*6 x 548.5 mm*7 (20-7/8 x 7-7/8*6 x 21-19/32 inches)*7 Weight*3 Approx. 24 kg/52.9 lbs	Power supply 120 V AC, 9 A, 50/60 Hz 220-240 V AC, 4.7 A, 50/60 Hz Power consumption 925 W (120 V AC)/900 W (220-240 V AC) Dimensions (W x H x D) 530 x 200*6 x 548.5 mm*7 (20-7/8 x 7-7/8*6 x 21-19/32 inches)*7 Weight*3 Approx. 24 kg/52.9 lbs	Power supply 200-240 V AC, 11 A, 50/60 Hz Power consumption 1,850 W Dimensions (W x H x D) 650 x 349 x 815 mm*7 (25-19/32 x 13-3/4 x 32-3/32 inches)*7 Weight*3 Approx. 46.5 kg/102.5 lbs	Power supply 100-240 V AC, 11 A, 50/60 Hz Power consumption 940 W Dimensions (W x H x D) 538.5 x 268 x 757 mm*7 (21-7/32 x 10-9/16 x 29-3/16 inches)*7 Weight*3 Approx. 28 kg/61.7 lbs
Features	Filter Eco Filter Edge Blending Yes Geometric Adjustment - Multi-Unit Brightness Control Yes Portrait mode Yes*8 Daylight View System Daylight View 2 Detail Clarity Processor Detail Clarity Processor 3 DICOM Simulation Mode Yes P-in-P Yes	Filter Eco Filter Edge Blending Yes Geometric Adjustment - Multi-Unit Brightness Control Yes Portrait mode Yes*8 Daylight View System Daylight View 2 Detail Clarity Processor Detail Clarity Processor 3 DICOM Simulation Mode Yes P-in-P Yes	Filter Pleated Air Filter Edge Blending Yes Geometric Adjustment - Multi-Unit Brightness Control - Portrait mode - Daylight View - Detail Clarity Processor - DICOM Simulation Mode - P-in-P -	Filter Eco Filter Edge Blending Yes Geometric Adjustment - Multi-Unit Brightness Control - Portrait mode - Daylight View - Detail Clarity Processor - DICOM Simulation Mode - P-in-P -
Accessory	Replacement lamp ET-LAD310A/ET-LAD310AW (2 units) ET-LAD320P/ET-LAD320PW (for portrait mode) Optional accessories ET-PKD310H (High ceiling mount bracket) ET-PKD310S (Low ceiling mount bracket) ET-PAD310 (Attachment for ceiling mount bracket) ET-PFD310 (Frame) ET-EMF320 (Replacement filter unit) ET-SFD320 (Smoke cut filter) ET-SFR320 (Replacement filter for the ET-SFD320) Optional lens ET-D75LE6 (Zoom lens, 1.0-1.2:1) ET-D75LE10 (Zoom lens, 1.4-1.9:1) ET-D75LE20 (Zoom lens, 1.8-2.7:1) ET-D75LE30 (Zoom lens, 2.7-5.2:1) ET-D75LE40 (Zoom lens, 5.1-8.2:1) ET-D75LE8 (Zoom lens, 8.2-15.4:1) ET-D75LE50 (Fixed-focus lens, 0.8:1) ET-D75MC1 (Lens motor cover)	Replacement lamp ET-LAD310A/ET-LAD310AW (2 units) ET-LAD320P/ET-LAD320PW (for portrait mode) Optional accessories ET-PKD310H (High ceiling mount bracket) ET-PKD310S (Low ceiling mount bracket) ET-PAD310 (Attachment for ceiling mount bracket) ET-PFD310 (Frame) ET-EMF320 (Replacement filter unit) ET-SFD320 (Smoke cut filter) ET-SFR320 (Replacement filter for the ET-SFD320) Optional lens ET-D75LE6 (Zoom lens, 0.9-1.1:1) ET-D75LE10 (Zoom lens, 1.3-1.7:1) ET-D75LE20 (Zoom lens, 1.7-2.4:1) ET-D75LE30 (Zoom lens, 2.4-4.7:1) ET-D75LE40 (Zoom lens, 4.6-7.4:1) ET-D75LE8 (Zoom lens, 7.3-13.8:1) ET-D75LE50 (Fixed-focus lens, 0.7:1) ET-D75MC1 (Lens motor cover)	Replacement lamp ET-LAE16 Optional accessories ET-PKE16H (High ceiling mount bracket) ET-PKE16S (Low ceiling mount bracket) ET-PKE16B (Bracket assembly) ET-MD16SD1 (HD-SDI/SD-SDI board) ET-SFE16 (Smoke cut filter unit) ET-SRE16 (Replacement filter for the ET-SFE16) ET-RFE16 (Replacement filter unit) Optional lens ET-ELW06 (Zoom lens, 1.2-1.5:1) ET-ELW02 (Zoom lens, 1.4-1.8:1) ET-ELW04 (Zoom lens, 1.5-2.0:1) ET-ELS02 (Zoom lens, 2.0-2.6:1) ET-ELS03 (Zoom lens, 2.6-3.5:1) ET-ELM01 (Zoom lens, 3.5-4.5:1) ET-ELT02 (Zoom lens, 4.4-6.2:1) ET-ELT03 (Zoom lens, 6.3-9.0:1) ET-ELW03 (Fixed-focus lens, 0.8:1)	Replacement lamp ET-LAE12 Optional accessories ET-PKE16H (High ceiling mount bracket) ET-PKE16S (Low ceiling mount bracket) ET-PKE12B (Bracket assembly) ET-MD16SD1 (HD-SDI/SD-SDI board) ET-RFE12 (Replacement filter unit) Optional lens ET-ELW06 (Zoom lens, 1.2-1.5:1) ET-ELW02 (Zoom lens, 1.4-1.8:1) ET-ELW04 (Zoom lens, 1.5-2.0:1) ET-ELS02 (Zoom lens, 2.0-2.6:1) ET-ELS03 (Zoom lens, 2.6-3.5:1) ET-ELM01 (Zoom lens, 3.5-4.5:1) ET-ELT02 (Zoom lens, 4.4-6.2:1) ET-ELT03 (Zoom lens, 6.3-9.0:1) ET-ELW03 (Fixed-focus lens, 0.8:1)
	Standard accessories Power cord, wireless/wired remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Standard accessories Power cord, wireless/wired remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Standard accessories Power cord, wireless/wired remote control unit, batteries for remote control unit, computer cable, lens attachment, lens lock lever fixing bracket, lightshielding plate, spacer, cable tie, CD-ROM*12	Standard accessories Power cord, wireless/wired remote control unit, batteries for remote control unit, computer cable, lens attachment, lens lock lever fixing bracket, lightshielding plate, spacer, cable tie, CD-ROM*12

*1: Input signals that exceed the native resolution will be converted to the native resolution. *2: The screen size is that of the original aspect ratio. *3: Average value. Each product has an individual variable in weight. *4: 1.78-15.24 m (70-600 inches) with the ET-D75LE8. *5: Vertical ±60% and horizontal ±20% with the ET-D75LE6. *6: Height; with legs at shortest position. *7: Depth; lens not included. *8: Mounting the optional lamp unit for portrait mode and updating the projector's firmware to MAIN Ver. 2.00 or later are required.

*9: Vertical ±44% and horizontal ±15% with the ET-D75LE6. *10: 2.54-15.24 m (100-600 inches) with the ET-ELS03. *11: Vertical ±39% with the ET-ELW06, and vertical ±50% and horizontal ±10% with ET-ELS02. *12: CD-ROM includes Logo Transfer Software, Multi Projector Monitoring and Control Software, and Real Color Manager Pro.

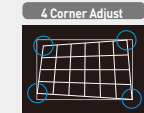
Key Features

Highly Reliable Features for Professional Use

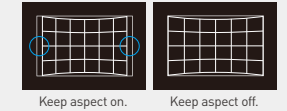
Geometric Adjustment

This function adjusts the image for projection onto spherical, cylindrical and other specially shaped screens. Optional upgrade kit featuring Geometry Manager Pro is also available for the PT-DZ21K/DS20K/DZ13K/DS12K/DZ870. New Geometric Adjustment for the PT-DZ21K*/DS20K*/DZ13K/DZ12K/DZ870 has 4-Corner Adjustment and Keep Aspect Off functions for simple and fine adjustment.

* A firmware update is required to use the function.



4 Corner Adjust



Keep aspect on. Keep aspect off.

Portrait Mode Capability

The projector can be installed in portrait orientation with its terminal side surface facing downward with an optional lamp for the PT-DZ21K Series,* PT-DZ13K Series,* and PT-DZ870 Series,* or by itself for the PT-RZ470 and PT-RW430.

* The projector's firmware may need to be updated.



Note: Please contact your sales representative for information of Geometric Adjustment and portrait orientation. Note: For models supporting the above functions, please refer to the "Features" section of each specification sheet.

Installation

PT-DZ870
PT-DZ870L*4



1-Chip DLP™ Projector | WUXGA | WIRED LAN | 3D PROFESSIONAL

8,500 lm | WUXGA

PT-DW830
PT-DW830L*4



1-Chip DLP™ Projector | WXGA | WIRED LAN | 3D PROFESSIONAL

8,500 lm | WXGA

PT-DX100
PT-DX100L*4



1-Chip DLP™ Projector | WXGA | WIRED LAN | 3D PROFESSIONAL

10,000 lm | XGA

PT-DZ770K
PT-DZ770LK*4



1-Chip DLP™ Projector | WUXGA | WIRED LAN

7,000 lm | WUXGA

PT-DW740S
PT-DW740LS*4



1-Chip DLP™ Projector | WXGA | WIRED LAN

7,000 lm | WXGA

	PT-DZ870 PT-DZ870L*4	PT-DW830 PT-DW830L*4	PT-DX100 PT-DX100L*4	PT-DZ770K PT-DZ770LK*4	PT-DW740S PT-DW740LS*4
Optical	Panel type 17 mm [0.67 inches] DLP™ chip x 1 Aspect ratio 16:10 Lamp 420 W UHM x 2 Brightness 8,500 lm Lens (throw ratio) F 1.7-1.9, f 25.6-35.7 mm [1.7-2.4:1] [PT-DZ870] Contrast (full on/full off) 10,000:1 Resolution native/maximum*1 WUXGA [1,920 x 1,200] Screen size (diagonal)*2 1.27-15.24 m [50-600 inches]*5 Lens shift Vertical: +50 %, horizontal: ±10 % [powered]	Panel type 16.5 mm [0.65 inches] DLP™ chip x 1 Aspect ratio 16:10 Lamp 420 W UHM x 2 Brightness 8,500 lm Lens (throw ratio) F 1.7-1.9, f 25.6-35.7 mm [1.8-2.5:1] [PT-DW830] Contrast (full on/full off) 10,000:1 Resolution native/maximum*1 WXGA [1,280 x 800]/WUXGA [1,920 x 1,200] Screen size (diagonal)*2 1.27-15.24 m [50-600 inches]*5 Lens shift Vertical: +60 %, horizontal: ±10 % [powered]	Panel type 17.8 mm [0.7 inches] DLP™ chip x 1 Aspect ratio 4:3 Lamp 420 W UHM x 2 Brightness 10,000 lm Lens (throw ratio) F 1.7-1.9, f 25.6-35.7 mm [1.8-2.5:1] [PT-DX100] Contrast (full on/full off) 10,000:1 Resolution native/maximum*1 XGA [1,024 x 768]/WUXGA [1,920 x 1,200] Screen size (diagonal)*2 1.27-15.24 m [50-600 inches]*5 Lens shift Vertical: +50 %*, horizontal: ±10 % [powered]	Panel type 17.0 mm [0.67 inches] DLP™ chip x 1 Aspect ratio 16:10 Lamp 300 W [max 310 W] UHM x 2 Brightness 7,000 lm Lens (throw ratio) F 1.7-1.9, f 25.6-35.7 mm [1.7-2.4:1] [PT-DZ770K] Contrast (full on/full off) 2,500:1 [contrast mode: high] Resolution native/maximum*1 WUXGA [1,920 x 1,200] Screen size (diagonal)*2 1.27-15.24 m [50-600 inches]*5 Lens shift Vertical: +50 %, horizontal: ±10 % [powered]	Panel type 16.5 mm [0.65 inches] DLP™ chip x 1 Aspect ratio 16:10 Lamp 300 W [max 310 W] UHM x 2 Brightness 7,000 lm Lens (throw ratio) F 1.7-1.9, f 25.6-35.7 mm [1.8-2.5:1] [PT-DW740S] Contrast (full on/full off) 2,500:1 [contrast mode: high] Resolution native/maximum*1 WXGA [1,280 x 800]/WUXGA [1,920 x 1,200] Screen size (diagonal)*2 1.27-15.24 m [50-600 inches]*5 Lens shift Vertical: +60 %, horizontal: ±10 % [powered]
Interface	Terminals SDI in [BNC x 1 [3G/HD/SD-SDI x 1]] DVI-D in [DVI-D 24-pin x 1 [DVI-D x 1 [HDCP compatible]]] HDMI in [HDMI 19-pin x 1 [HDCP compatible]] RGB 1 in [BNC x 5 [RGB/YpPr/YcCr x 1]] RGB 2 in [D-sub HD 15-pin x 1 [RGB/YpPr/YcCr x 1]] Composite video in [BNC x 1] 3D SYNC in/out [BNC x 1 [3D timing signal]] 3D SYNC out [BNC x 1 [3D timing signal]] Serial in [D-sub 9-pin x 1 [RS-232C]] Serial out [D-sub 9-pin x 1 [RS-232C]] Remote 1 in/out [M3 x 2 [in x 1, out x 1]] Remote 2 in/out [M3 x 2 [in x 1, out x 1]] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible, Art-net]	Terminals DVI-D in [DVI-D 24-pin x 1 [DVI-D x 1 [HDCP compatible]]] HDMI in [HDMI 19-pin x 1 [HDCP compatible]] RGB 1 in [BNC x 5 [RGB/YpPr/YcCr x 1]] RGB 2 in [D-sub HD 15-pin x 1 [RGB/YpPr/YcCr x 1]] Composite video in [BNC x 1] 3D SYNC in/out [BNC x 1 [3D timing signal]] 3D SYNC out [BNC x 1 [3D timing signal]] Serial in [D-sub 9-pin x 1 [RS-232C]] Serial out [D-sub 9-pin x 1 [RS-232C]] Remote 1 in/out [M3 x 2 [in x 1, out x 1]] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible, Art-net]	Terminals DVI-D in [DVI-D 24-pin x 1 [DVI-D x 1 [HDCP compatible]]] HDMI in [HDMI 19-pin x 1 [HDCP compatible]] RGB 1 in [BNC x 5 [RGB/YpPr/YcCr x 1]] RGB 2 in [D-sub HD 15-pin x 1 [RGB/YpPr/YcCr x 1]] Composite video in [BNC x 1] 3D SYNC in/out [BNC x 1 [3D timing signal]] 3D SYNC out [BNC x 1 [3D timing signal]] Serial in [D-sub 9-pin x 1 [RS-232C]] Serial out [D-sub 9-pin x 1 [RS-232C]] Remote 1 in/out [M3 x 2 [in x 1, out x 1]] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible, Art-net]	Terminals DVI-D in [DVI-D 24-pin x 1 [DVI-D x 1 [HDCP compatible]]] HDMI in [HDMI 19-pin x 1 [HDCP compatible]] RGB 1 in [BNC x 5 [RGB/YpPr/YcCr x 1]] RGB 2 in [D-sub HD 15-pin x 1 [RGB/YpPr/YcCr x 1]] Composite video in [BNC x 1] S-Video in [Mini-DIN 4-pin x 1] Serial in [D-sub 9-pin x 1 [RS-232C]] Serial out [D-sub 9-pin x 1 [RS-232C]] Remote 1 in/out [M3 x 2 [in x 1, out x 1]] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1 [10Base-T/100Base-TX]]	Terminals DVI-D in [DVI-D 24-pin x 1 [DVI-D x 1 [HDCP compatible]]] HDMI in [HDMI 19-pin x 1 [HDCP compatible]] RGB 1 in [BNC x 5 [RGB/YpPr/YcCr x 1]] RGB 2 in [D-sub HD 15-pin x 1 [RGB/YpPr/YcCr x 1]] Composite video in [BNC x 1] S-Video in [Mini-DIN 4-pin x 1] Serial in [D-sub 9-pin x 1 [RS-232C]] Serial out [D-sub 9-pin x 1 [RS-232C]] Remote 1 in/out [M3 x 2 [in x 1, out x 1]] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1 [10Base-T/100Base-TX]]
General	Power supply 120-240 V AC, 10-5.2 A, 50/60 Hz Power consumption 1,030 W Dimensions (W x H x D) 498 x 200*7 x 556 mm*8 [19-19/32 x 7-7/8*7 x 21-7/8 inches]*8 Weight*3 Approx. 18.3 kg/40.3 lbs [PT-DZ870L: approx. 17.6 kg/38.8 lbs]	Power supply 120-240 V AC, 10-5.2 A, 50/60 Hz Power consumption 1,030 W Dimensions (W x H x D) 498 x 200*7 x 556 mm*8 [19-19/32 x 7-7/8*7 x 21-7/8 inches]*8 Weight*3 Approx. 18.3 kg/40.3 lbs [PT-DW830L: approx. 17.6 kg/38.8 lbs]	Power supply 120-240 V AC, 10-5.2 A, 50/60 Hz Power consumption 1,030 W Dimensions (W x H x D) 498 x 200*7 x 556 mm*8 [19-19/32 x 7-7/8*7 x 21-7/8 inches]*8 Weight*3 Approx. 18.3 kg/40.3 lbs [PT-DX100L: approx. 17.6 kg/38.8 lbs]	Power supply 120 V AC, 8 A, 50/60 Hz 220-240 V AC, 4.5 A, 50/60 Hz 830 W [120 V AC]/810 W [220-240 V AC] Dimensions (W x H x D) 498 x 175*7 x 466 mm*9 [19-19/32 x 6-7/8*7 x 18-11/32 inches]*9 Weight*3 Approx. 16.3 kg/35.9 lbs [PT-DZ770LK: approx. 15.4 kg/34.0 lbs]	Power supply 120 V AC, 7.5 A, 50/60 Hz 220-240 V AC, 4.5 A, 50/60 Hz 790 W [120 V AC]/760 W [220-240 V AC] Dimensions (W x H x D) 498 x 175*7 x 466 mm*9 [19-19/32 x 6-7/8*7 x 18-11/32 inches]*9 Weight*3 Approx. 16.3 kg/35.9 lbs [PT-DW740LS: approx. 15.4 kg/34.0 lbs]
Features	Filter Filter-less for Optics Edge Blending Yes Geometric Adjustment Yes [Optional upgrade kit available] Portrait mode Yes*10 RGB Booster Yes [Dynamic RGB Booster] Daylight View System Daylight View 2 Detail Clarity Processor Detail Clarity Processor 3 DICOM Simulation Mode Yes P-in-P/Side-by-Side P-in-P/Side-by-Side	Filter Filter-less for Optics Edge Blending Yes Geometric Adjustment - Portrait mode Yes*10 RGB Booster Yes [Dynamic RGB Booster] Daylight View System Daylight View 2 Detail Clarity Processor Detail Clarity Processor 3 DICOM Simulation Mode Yes P-in-P/Side-by-Side P-in-P/Side-by-Side	Filter Filter-less for Optics Edge Blending Yes Geometric Adjustment - Portrait mode Yes*10 RGB Booster Yes [Dynamic RGB Booster] Daylight View System Daylight View 2 Detail Clarity Processor Detail Clarity Processor 3 DICOM Simulation Mode Yes P-in-P/Side-by-Side P-in-P/Side-by-Side	Filter Eco Filter Edge Blending Yes Geometric Adjustment - Portrait mode - RGB Booster Yes Daylight View System Daylight View 2 Detail Clarity Processor Detail Clarity Processor 3 DICOM Simulation Mode Yes P-in-P/Side-by-Side Side-by-Side	Filter Eco Filter Edge Blending Yes Geometric Adjustment - Portrait mode - RGB Booster Yes Daylight View System Daylight View 2 Detail Clarity Processor Detail Clarity Processor 3 DICOM Simulation Mode Yes P-in-P/Side-by-Side Side-by-Side
Accessory	Replacement lamp ET-LAD120/ET-LAD120W [2 units] ET-LAD120P/ET-LAD120PW [for portrait mode] Optional accessories ET-PKD120H [High-ceiling mount bracket] ET-PKD120S [Low-ceiling mount bracket] ET-PKD120B [Attachment for ceiling mount bracket] ET-YFB100G [Digital Interface Box] ET-UK20 [Upgrade kit with Geometry Manager Pro] Optional lens ET-DLE085 [Zoom lens, 0.8-1.0:1] ET-DLE150 [Zoom lens, 1.3-1.9:1] ET-DLE250 [Zoom lens, 2.3-3.6:1] ET-DLE350 [Zoom lens, 3.6-5.4:1] ET-DLE450 [Zoom lens, 5.4-8.6:1] ET-DLE055 [Fixed-focus lens, 0.8:1] ET-DLE030 [Fixed-focus lens, 0.38:1] Standard accessories Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*11	Replacement lamp ET-LAD120/ET-LAD120W [2 units] ET-LAD120P/ET-LAD120PW [for portrait mode] Optional accessories ET-PKD120H [High-ceiling mount bracket] ET-PKD120S [Low-ceiling mount bracket] ET-PKD120B [Attachment for ceiling mount bracket] ET-YFB100G [Digital Interface Box] Optional lens ET-DLE085 [Zoom lens, 0.8-1.0:1] ET-DLE150 [Zoom lens, 1.4-2.0:1] ET-DLE250 [Zoom lens, 2.4-3.8:1] ET-DLE350 [Zoom lens, 3.8-5.7:1] ET-DLE450 [Zoom lens, 5.6-9.0:1] ET-DLE055 [Fixed-focus lens, 0.8:1] ET-DLE030 [Fixed-focus lens, 0.4:1] Standard accessories Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*11	Replacement lamp ET-LAD120/ET-LAD120W [2 units] ET-LAD120P/ET-LAD120PW [for portrait mode] Optional accessories ET-PKD120H [High-ceiling mount bracket] ET-PKD120S [Low-ceiling mount bracket] ET-PKD120B [Attachment for ceiling mount bracket] ET-YFB100G [Digital Interface Box] Optional lens ET-DLE085 [Zoom lens, 0.8-1.0:1] ET-DLE150 [Zoom lens, 1.3-2.0:1] ET-DLE250 [Zoom lens, 2.4-3.7:1] ET-DLE350 [Zoom lens, 3.7-5.6:1] ET-DLE450 [Zoom lens, 5.5-8.9:1] ET-DLE055 [Fixed-focus lens, 0.8:1] ET-DLE030 [Fixed-focus lens, 0.39:1] Standard accessories Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*11	Replacement lamp ET-LAD60A ET-LAD60AW [2 units] Optional accessories ET-PKD56H [High ceiling mount bracket] ET-PKD55S [Low ceiling mount bracket] ET-EMF300 [Replacement filter unit] Optional lens ET-DLE080 [Zoom lens, 0.8-1.0:1] ET-DLE085 [Zoom lens, 0.8-1.0:1] ET-DLE150 [Zoom lens, 1.3-1.9:1] ET-DLE250 [Zoom lens, 2.3-3.6:1] ET-DLE350 [Zoom lens, 3.6-5.4:1] ET-DLE450 [Zoom lens, 5.4-8.6:1] ET-DLE055 [Fixed-focus lens, 0.8:1] ET-DLE030 [Fixed-focus lens, 0.38:1] Standard accessories Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*11	Replacement lamp ET-LAD60A ET-LAD60AW [2 units] Optional accessories ET-PKD56H [High-ceiling mount bracket] ET-PKD55S [Low-ceiling mount bracket] ET-EMF300 [Replacement filter unit] Optional lens ET-DLE080 [Zoom lens, 0.8-1.0:1] ET-DLE085 [Zoom lens, 0.8-1.0:1] ET-DLE150 [Zoom lens, 1.4-2.0:1] ET-DLE250 [Zoom lens, 2.4-3.8:1] ET-DLE350 [Zoom lens, 3.8-5.7:1] ET-DLE450 [Zoom lens, 5.6-9.0:1] ET-DLE055 [Fixed-focus lens, 0.8:1] ET-DLE030 [Fixed-focus lens, 0.4:1] Standard accessories Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*11

*1: Input signals that exceed the native resolution will be converted to the native resolution. *2: The screen size is that of the original aspect ratio. *3: Average value. Each product has an individual variable in weight. *4: Lens-less model. *5: 1.27-5.08 m [50-200 inches] with the ET-DLE055. *6: Vertical +45% with the ET-DLE085. *7: Height: with legs at shortest position.

*8: Depth: including the supplied lens. Depth: 513 mm [20-3/16 inches] for the lens-less models. *9: Depth: including the supplied lens. Depth: 432 mm [17 inches] for the lens-less models. *10: Mounting the optional lamp unit for portrait mode is required. *11: CD-ROM includes Logo Transfer Software and Multi Projector Monitoring and Control Software.

Installation

PT-DX810S
PT-DX810LS*4



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

PT-DZ6710
PT-DZ6710L*4



1-Chip DLP™ Projector
6,000 lm WUXGA LAN

PT-DZ680
PT-DZ680L*4



1-Chip DLP™ Projector
6,000 lm WUXGA LAN

* Available in silver/black cabinet.

PT-DW640
PT-DW640L*4



1-Chip DLP™ Projector
6,000 lm WXGA LAN

* Available in silver/black cabinet.

PT-DX610
PT-DX610L*4



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

* Available in silver/black cabinet.

	PT-DX810S PT-DX810LS*4	PT-DZ6710 PT-DZ6710L*4	PT-DZ680 PT-DZ680L*4	PT-DW640 PT-DW640L*4	PT-DX610 PT-DX610L*4
Optical	Panel type 17.8 mm (0.7 inches) DLP™ chip x 1 Aspect ratio 4:3 Lamp 300 W (max 310 W) UHM x 2 Brightness 8,200 lm Lens (throw ratio) F 1.7-1.9, f25.6-35.7 mm (1.8-2.5:1) (PT-DX810S) Contrast (full on/full off) 2,000:1 (contrast mode: high) Resolution native/maximum*1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) Screen size (diagonal)*2 1.27-15.24 m (50-600 inches)*5 Lens shift Vertical: +50%*6, horizontal: ±10% (powered)	Panel type 17.0 mm (0.67 inches) DLP™ chip x 1 Aspect ratio 16:10 Lamp 300 W UHM x 2 Brightness 6,000 lm Lens (throw ratio) F 1.7-2.0, f26.8-35.7 mm (1.8-2.4:1) (PT-DZ6710) Contrast (full on/full off) 2,000:1 (contrast mode: high) Resolution native/maximum*1 WUXGA (1,920 x 1,200) Screen size (diagonal)*2 1.27-15.24 m (50-600 inches)*5 Lens shift Vertical: +50%, horizontal: ±10% (powered)	Panel type 17.0 mm (0.67 inches) DLP™ chip x 1 Aspect ratio 16:10 Lamp 280 W UHM x 2 Brightness 6,000 lm Lens (throw ratio) F 1.7-2.0, f26.8-35.7 mm (1.8-2.4:1) (PT-DZ680) Contrast (full on/full off) 2,000:1 (contrast mode: high) Resolution native/maximum*1 WUXGA (1,920 x 1,200) Screen size (diagonal)*2 1.27-15.24 m (50-600 inches)*5 Lens shift Vertical: +50%, horizontal: ±10% (powered)	Panel type 16.5 mm (0.65 inches) DLP™ chip x 1 Aspect ratio 16:10 Lamp 280 W UHM x 2 Brightness 6,000 lm Lens (throw ratio) F 1.7-2.0, f25.6-33.8 mm (1.8-2.4:1) (PT-DW640) Contrast (full on/full off) 2,000:1 (contrast mode: high) Resolution native/maximum*1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) Screen size (diagonal)*2 1.27-15.24 m (50-600 inches)*5 Lens shift Vertical: +60%, horizontal: ±10% (powered)	Panel type 17.8 mm (0.7 inches) DLP™ chip x 1 Aspect ratio 4:3 Lamp 280 W UHM x 2 Brightness 6,500 lm Lens (throw ratio) F 1.7-2.0, f25.6-33.8 mm (1.8-2.4:1) (PT-DX610) Contrast (full on/full off) 2,000:1 (contrast mode: high) Resolution native/maximum*1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) Screen size (diagonal)*2 1.27-15.24 m (50-600 inches)*5 Lens shift Vertical: +50%*6, horizontal: ±10% (powered)
Interface	Terminals DVI-D in [DVI-D 24-pin x 1 [DVI-D x 1 (HDCP compatible)]] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPbPr/YCbCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Composite video in [BNC x 1] S-Video in [Mini-DIN 4-pin x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	Terminals SDI in [BNC x 1 (HD/SD SDI x 1)] DVI-D in [DVI-D 24-pin x 1 [DVI-D x 1 (HDCP compatible)]] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPbPr/YCbCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Composite video in [BNC x 1] S-Video in [Mini-DIN 4-pin x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	Terminals DVI-D in [DVI-D 24-pin x 1 [DVI-D x 1 (HDCP compatible)]] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPbPr/YCbCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Composite video in [BNC x 1] S-Video in [Mini-DIN 4-pin x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	Terminals DVI-D in [DVI-D 24-pin x 1 [DVI-D x 1 (HDCP compatible)]] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPbPr/YCbCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Composite video in [BNC x 1] S-Video in [Mini-DIN 4-pin x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	Terminals DVI-D in [DVI-D 24-pin x 1 [DVI-D x 1 (HDCP compatible)]] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB 1 in [BNC x 5 (RGB/YPbPr/YCbCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Composite video in [BNC x 1] S-Video in [Mini-DIN 4-pin x 1] Serial in [D-sub 9-pin x 1 (RS-232C)] Serial out [D-sub 9-pin x 1 (RS-232C)] Remote 1 in/out [M3 x 2 (in x 1, out x 1)] Remote 2 in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]
General	Power supply 120 V AC, 7.5 A, 50/60 Hz 220-240 V AC, 4.3 A, 50/60 Hz Power consumption 790 W (120 V AC) 760 W (220-240 V AC) Dimensions (W x H x D) 498 x 175*7 x 466 mm*8 (19-19/32 x 6-7/8*7 x 18-11/32 inches)*8 Weight*3 Approx. 16.3 kg/35.9 lbs (PT-DX810LS: approx. 15.4 kg/34.0 lbs)	Power supply 120 V AC, 8.0 A, 50/60 Hz 220-240 V AC, 4.3 A, 50/60 Hz Power consumption 820 W (120 V AC) 800 W (220-240 V AC) Dimensions (W x H x D) 498 x 175*7 x 440 mm*8 (19-19/32 x 6-7/8*7 x 17-5/16 inches)*8 Weight*3 Approx. 16.0 kg/35.3 lbs (PT-DZ6710L: approx. 15.2 kg/33.5 lbs)	Power supply 120 V AC, 7.3 A, 50/60 Hz 220-240 V AC, 4.0 A, 50/60 Hz Power consumption 750 W (120 V AC) 730 W (220-240 V AC) Dimensions (W x H x D) 498 x 175*7 x 440 mm*8 (19-19/32 x 6-7/8*7 x 17-5/16 inches)*8 Weight*3 Approx. 16.0 kg/35.3 lbs (PT-DZ680L: approx. 15.1 kg/33.3 lbs)	Power supply 120 V AC, 6.8 A, 50/60 Hz 220-240 V AC, 3.8 A, 50/60 Hz Power consumption 710 W (120 V AC) 690 W (220-240 V AC) Dimensions (W x H x D) 498 x 175*7 x 440 mm*8 (19-19/32 x 6-7/8*7 x 17-5/16 inches)*8 Weight*3 Approx. 16.0 kg/35.3 lbs (PT-DW640L: approx. 15.1 kg/33.3 lbs)	Power supply 120 V AC, 6.8 A, 50/60 Hz 220-240 V AC, 3.8 A, 50/60 Hz Power consumption 710 W (120 V AC) 690 W (220-240 V AC) Dimensions (W x H x D) 498 x 175*7 x 440 mm*8 (19-19/32 x 6-7/8*7 x 17-5/16 inches)*8 Weight*3 Approx. 16.0 kg/35.3 lbs (PT-DX610L: approx. 15.1 kg/33.3 lbs)
Features	Filter Eco Filter Edge Blending Yes Geometric Adjustment - Emulation - RGB Booster Yes Daylight View System Daylight View 2 Detail Clarity Processor Detail Clarity Processor DICOM Simulation Mode Yes P-in-P/Side-by-Side -	Filter Auto Cleaning Filter Edge Blending Yes Geometric Adjustment Yes Emulation - RGB Booster - Daylight View System Daylight View 2 Detail Clarity Processor Detail Clarity Processor DICOM Simulation Mode - P-in-P/Side-by-Side Side-by-Side	Filter Eco Filter Edge Blending Yes Geometric Adjustment - Emulation - RGB Booster Yes Daylight View System Daylight View 2 Detail Clarity Processor Detail Clarity Processor DICOM Simulation Mode Yes P-in-P/Side-by-Side Side-by-Side	Filter Eco Filter Edge Blending Yes Geometric Adjustment - Emulation - RGB Booster Yes Daylight View System Daylight View 2 Detail Clarity Processor Detail Clarity Processor DICOM Simulation Mode Yes P-in-P/Side-by-Side Side-by-Side	Filter Eco Filter Edge Blending Yes Geometric Adjustment - Emulation - RGB Booster Yes Daylight View System Daylight View 2 Detail Clarity Processor Detail Clarity Processor DICOM Simulation Mode Yes P-in-P/Side-by-Side -
Accessory	Replacement lamp ET-LAD60A/ET-LAD60AW (2 units) Optional accessories ET-PKD56H (High-ceiling mount bracket) ET-PKD55S (Low-ceiling mount bracket) ET-EMF300 (Replacement filter unit)	Replacement lamp ET-LAD60A/ET-LAD60AW (2 units) Optional accessories ET-PKD56H (High ceiling mount bracket) ET-PKD55S (Low ceiling mount bracket) ET-ACF100 (Replacement filter unit)	Replacement lamp ET-LAD60A/ET-LAD60AW (2 units) Optional accessories ET-PKD56H (High ceiling mount bracket) ET-PKD55S (Low ceiling mount bracket) ET-EMF300 (Replacement filter unit)	Replacement lamp ET-LAD60A/ET-LAD60AW (2 units) Optional accessories ET-PKD56H (High ceiling mount bracket) ET-PKD55S (Low ceiling mount bracket) ET-EMF300 (Replacement filter unit)	Replacement lamp ET-LAD60A/ET-LAD60AW (2 units) Optional accessories ET-PKD56H (High ceiling mount bracket) ET-PKD55S (Low ceiling mount bracket) ET-EMF300 (Replacement filter unit)
	Optional lens ET-DLE080 (Zoom lens, 0.8-1.0:1) ET-DLE085 (Zoom lens, 0.8-1.0:1) ET-DLE150 (Zoom lens, 1.3-2.0:1) ET-DLE250 (Zoom lens, 2.4-3.7:1) ET-DLE350 (Zoom lens, 3.7-5.6:1) ET-DLE450 (Zoom lens, 5.5-8.9:1) ET-DLE055 (Fixed-focus lens, 0.8:1) ET-DLE030 (Fixed-focus lens, 0.39:1)	Optional lens ET-DLE080 (Zoom lens, 0.8-0.9:1) ET-DLE085 (Zoom lens, 0.8-1.0:1) ET-DLE150 (Zoom lens, 1.3-1.9:1) ET-DLE250 (Zoom lens, 2.3-3.6:1) ET-DLE350 (Zoom lens, 3.6-5.4:1) ET-DLE450 (Zoom lens, 5.4-8.6:1) ET-DLE055 (Fixed-focus lens, 0.8:1) ET-DLE030 (Fixed-focus lens, 0.38:1)	Optional lens ET-DLE080 (Zoom lens, 0.8-1.0:1) ET-DLE085 (Zoom lens, 0.8-1.0:1) ET-DLE150 (Zoom lens, 1.3-1.9:1) ET-DLE250 (Zoom lens, 2.3-3.6:1) ET-DLE350 (Zoom lens, 3.6-5.4:1) ET-DLE450 (Zoom lens, 5.4-8.6:1) ET-DLE055 (Fixed-focus lens, 0.8:1) ET-DLE030 (Fixed-focus lens, 0.38:1)	Optional lens ET-DLE080 (Zoom lens, 0.8-1.0:1) ET-DLE085 (Zoom lens, 0.8-1.0:1) ET-DLE150 (Zoom lens, 1.4-2.0:1) ET-DLE250 (Zoom lens, 2.4-3.8:1) ET-DLE350 (Zoom lens, 3.8-5.7:1) ET-DLE450 (Zoom lens, 5.6-9.0:1) ET-DLE055 (Fixed-focus lens, 0.8:1) ET-DLE030 (Fixed-focus lens, 0.4:1)	Optional lens ET-DLE080 (Zoom lens, 0.8-1.0:1) ET-DLE085 (Zoom lens, 0.8-1.0:1) ET-DLE150 (Zoom lens, 1.3-2.0:1) ET-DLE250 (Zoom lens, 2.4-3.7:1) ET-DLE350 (Zoom lens, 3.7-5.6:1) ET-DLE450 (Zoom lens, 5.5-8.9:1) ET-DLE055 (Fixed-focus lens, 0.8:1) ET-DLE030 (Fixed-focus lens, 0.39:1)
	Standard accessories Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*9	Standard accessories Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, drop prevention kit, CD-ROM*9	Standard accessories Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*9	Standard accessories Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*9	Standard accessories Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*9

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

*7: Height: with legs at shortest position.
*8: Depth: including the supplied lens. Depth: 432 mm (17 inches) for the lens-less models.
*9: CD-ROM includes Logo Transfer Software and Multi Projector Monitoring and Control Software.

Installation

	PT-DZ570	PT-DW530	PT-DX500	
	 1-Chip DLP™ Projector WIRED LAN WUXGA option⁴ WIRELESS 4,000 lm	 1-Chip DLP™ Projector WIRED LAN WXGA option⁴ WIRELESS 4,000 lm	 1-Chip DLP™ Projector WIRED LAN XGA option⁴ WIRELESS 4,500 lm	
Optical	Panel type	17.0 mm (0.67 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1	17.8 mm (0.7 inches) DLP™ chip x 1
	Aspect ratio	16:10	16:10	4:3
	Lamp	300 W (max 310 W) UHM	300 W (max 310 W) UHM	300 W (max 310 W) UHM
	Brightness	4,000 lm	4,000 lm	4,500 lm
	Lens (throw ratio)	F 2.0–3.4, f 21.5–43.0 mm (1.45–2.94:1)	F 2.0–3.4, f 21.5–43.0 mm (1.53–3.09:1)	F 2.0–3.4, f 21.5–43.0 mm (1.51–3.05:1)
	Contrast (full on/full off)	2,000:1	2,000:1	2,000:1
	Resolution native/maximum^{*1}	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)
	Screen size (diagonal)^{*2}	1.02–7.62 m (40–300 inches)	1.02–7.62 m (40–300 inches)	1.02–7.62 m (40–300 inches)
	Vertical: +60 %, horizontal: ±10 % [manual]	Vertical: +70 %, horizontal: ±10 % [manual]	Vertical: +60 %, horizontal: ±10 % [manual]	
Interface	Built-in speaker	-	-	-
	Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] RGB 1 in [BNC x 5 (RGB/Y/PaPr/YCaCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/Y/PaPr/YCaCr x 1)] Composite video in [BNC x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [Pin jack x 2 (L x 1, R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] Wireless module input terminal [for optional ET-WM200 x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] RGB 1 in [BNC x 5 (RGB/Y/PaPr/YCaCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/Y/PaPr/YCaCr x 1)] Composite video in [BNC x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [Pin jack x 2 (L x 1, R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] Wireless module input terminal [for optional ET-WM200 x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] RGB 1 in [BNC x 5 (RGB/Y/PaPr/YCaCr x 1)] RGB 2 in [D-sub HD 15-pin x 1 (RGB/Y/PaPr/YCaCr x 1)] Composite video in [BNC x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [Pin jack x 2 (L x 1, R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote in [D-sub 9-pin x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] Wireless module input terminal [for optional ET-WM200 x 1]
General	Power supply	100–240 V AC, 5.0–1.9 A, 50/60 Hz	100–240 V AC, 5.0–1.9 A, 50/60 Hz	100–240 V AC, 5.0–1.9 A, 50/60 Hz
	Power consumption	415 W	415 W	415 W
	Dimensions (W x H x D)	332 x 168 ^{*5} x 484.5 mm ^{*6} (13-1/16 x 6-5/8 ^{*5} x 19-1/16 inches) ^{*6}	332 x 168 ^{*5} x 484.5 mm ^{*6} (13-1/16 x 6-5/8 ^{*5} x 19-1/16 inches) ^{*6}	332 x 168 ^{*5} x 484.5 mm ^{*6} (13-1/16 x 6-5/8 ^{*5} x 19-1/16 inches) ^{*6}
	Weight^{*3}	Approx. 8.5 kg/18.7 lbs	Approx. 8.5 kg/18.7 lbs	Approx. 8.5 kg/18.7 lbs
Features	Emulation	Yes	Yes	Yes
	RGB Booster	Yes	Yes	Yes
	Daylight View	Daylight View Premium	Daylight View Premium	Daylight View Premium
	Detail Clarity Processor	Detail Clarity Processor 3	Detail Clarity Processor 3	Detail Clarity Processor 3
	DICOM Simulation Mode	Yes	Yes	Yes
	P-in-P/Side-by-Side	Side-by-Side	Side-by-Side	-
	Wireless Ready	Wireless Manager ME 6.0 ^{*4} , iOS ^{*4} , Android ^{*4}	Wireless Manager ME 6.0 ^{*4} , iOS ^{*4} , Android ^{*4}	Wireless Manager ME 6.0 ^{*4} , iOS ^{*4} , Android ^{*4}
	Audio Out During Standby	Yes	Yes	Yes
Accessory	Replacement lamp	ET-LAD60A ET-LAD60AW (2 units)	ET-LAD60A ET-LAD60AW (2 units)	ET-LAD60A ET-LAD60AW (2 units)
	Optional accessories	ET-PKD110H (High ceiling mount bracket) ET-PKD110S (Low ceiling mount bracket) ET-WM200 (Wireless module)	ET-PKD110H (High ceiling mount bracket) ET-PKD110S (Low ceiling mount bracket) ET-WM200 (Wireless module)	ET-PKD110H (High ceiling mount bracket) ET-PKD110S (Low ceiling mount bracket) ET-WM200 (Wireless module)
	Standard accessories	Power cord, wireless remote control unit, batteries for remote control unit, safety wire rope, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager ME 6.0)	Power cord, wireless remote control unit, batteries for remote control unit, safety wire rope, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager ME 6.0)	Power cord, wireless remote control unit, batteries for remote control unit, safety wire rope, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager ME 6.0)

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

*4: To operate wireless projection, the optional wireless module ET-WM200 is required.
 *5: Height: with legs at shortest position.
 *6: Depth: including the lens.

Key Features

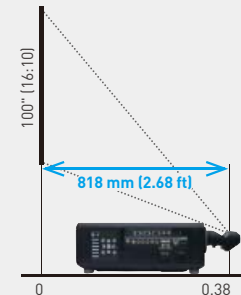
A Wide Lineup of Optional Lenses

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



ET-DLE030 Detachable Ultra Short-Throw Lens

The ET-DLE030 ultra short-throw lens lets the PT-DZ870 provide 100-inch wide screen images with a projection distance of 818 mm (2.68 ft). This enables installation in tight spaces.



Requires sufficient airflow space around the projector. This shows the case of a WUXGA projector throw distance.

Application Example: Retail Store Display



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

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

Installation

PT-RZ470



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

PT-RW430



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

* Available in white/black cabinet.

PT-RZ370



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

* Available in white/black cabinet.

PT-RW330



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

	PT-RZ470	PT-RW430	PT-RZ370	PT-RW330	
Optical	Panel type	16.5 mm (0.65 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1	
	Aspect ratio	16:9	16:10	16:9	
	Light source	LED/Laser-combined (R, B: LED; G: Laser diode)	LED/Laser-combined (R, B: LED; G: Laser diode)	LED/Laser-combined (R, B: LED; G: Laser diode)	LED/Laser-combined (R, B: LED; G: Laser diode)
	Brightness	3,500 lm	3,500 lm	3,500 lm	3,500 lm
	Lens (throw ratio)	F 2.0-3.4, f 21.5-43.0 mm (1.46-2.94:1)	F 2.0-3.4, f 21.5-43.0 mm (1.53-3.09:1)	F 2.0-3.4, f 21.5-43.0 mm (1.46-2.94:1)	F 2.0-3.4, f 21.5-43.0 mm (1.53-3.09:1)
	Contrast (full on/full off)	20,000:1	20,000:1	10,000:1	10,000:1
	Resolution native/maximum*1	Full HD (1,920 x 1,080)/WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	Full HD (1,920 x 1,080)/WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)
	Screen size (diagonal)**2	1.02-7.62 m (40-300 inches)	1.02-7.62 m (40-300 inches)	1.02-7.62 m (40-300 inches)	1.02-7.62 m (40-300 inches)
Lens shift	Vertical: +73%/-48%, horizontal: +27%/-35% [manual]	Vertical: +69%/-46%, horizontal: +28%/-37% [manual]	Vertical: +73%/-48%, horizontal: +27%/-35% [manual]	Vertical: +69%/-46%, horizontal: +28%/-37% [manual]	
Interface	Built-in speaker	-	-	-	-
	Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-I in [DVI-I 29-pin x 1 (Digital: HDCP compatible) (Analog: RGB/Y/PbPr/YCbCr x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/Y/PbPr/YCbCr x 1)] Composite video in [Pin jack x 1] Audio in [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible] 3D SYNC out [Mini Din 3pin x 1] (for 3D Transmitter connection)	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-I in [DVI-I 29-pin x 1 (Digital: HDCP compatible) (Analog: RGB/Y/PbPr/YCbCr x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/Y/PbPr/YCbCr x 1)] Composite video in [Pin jack x 1] Audio in [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible] 3D SYNC out [Mini Din 3pin x 1] (for 3D Transmitter connection)	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-I in [DVI-I 29-pin x 1 (Digital: HDCP compatible) (Analog: RGB/Y/PbPr/YCbCr x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/Y/PbPr/YCbCr x 1)] Composite video in [Pin jack x 1] Audio in [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-I in [DVI-I 29-pin x 1 (Digital: HDCP compatible) (Analog: RGB/Y/PbPr/YCbCr x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/Y/PbPr/YCbCr x 1)] Composite video in [Pin jack x 1] Audio in [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible]
	Power supply	100-240 V AC, 5.2-2.0 A, 50/60 Hz	100-240 V AC, 5.2-2.0 A, 50/60 Hz	100-240 V AC, 5.2-2.0 A, 50/60 Hz	100-240 V AC, 5.2-2.0 A, 50/60 Hz
	Power consumption	460 W (Normal: 250 W, ECO1: 200 W, ECO2: 178 W) *4	460 W (Normal: 250 W, ECO1: 200 W, ECO2: 178 W) *4	460 W (Normal: 250 W, ECO1: 200 W, ECO2: 178 W) *4	460 W (Normal: 250 W, ECO1: 200 W, ECO2: 178 W) *4
	Dimensions (W x H x D)	455 x 137 ⁵ x 415 mm ⁶ (17-29/32 x 5-13/32 ⁵ x 16-11/32 inches) ⁶	455 x 137 ⁵ x 415 mm ⁶ (17-29/32 x 5-13/32 ⁵ x 16-11/32 inches) ⁶	455 x 137 ⁵ x 415 mm ⁶ (17-29/32 x 5-13/32 ⁵ x 16-11/32 inches) ⁶	455 x 137 ⁵ x 415 mm ⁶ (17-29/32 x 5-13/32 ⁵ x 16-11/32 inches) ⁶
	Weight**3	Approx. 11.0 kg/24.3 lbs	Approx. 11.0 kg/24.3 lbs	Approx. 11.0 kg/24.3 lbs	Approx. 11.0 kg/24.3 lbs
	Maintenance-free duration	20,000 hours*7	20,000 hours*7	20,000 hours*7	20,000 hours*7
	Edge Blending	Yes	Yes	-	-
	Emulation	Yes	Yes	Yes	Yes
	Daylight View	Daylight View Basic	Daylight View Basic	Daylight View Basic	Daylight View Basic
3D Ready	Yes	Yes	-	-	
DICOM Simulation Mode	Yes	Yes	Yes	Yes	
Portrait Mode	Yes	Yes	-	-	
Audio Out During Standby	Yes	Yes	Yes	Yes	
Accessory	Optional accessories	ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-PKR100P (Portrait mode mount bracket) ET-YFB100G (Digital Interface Box)	ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-PKR100P (Portrait mode mount bracket) ET-YFB100G (Digital Interface Box)	ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-YFB100G (Digital Interface Box)	ET-PKR100H (High ceiling mount bracket) ET-PKR100S (Low ceiling mount bracket) ET-YFB100G (Digital Interface Box)
	Standard accessories	Power cord (with secure lock), wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord (with secure lock), wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord (with secure lock), wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord (with secure lock), wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)

*1: Input signals that exceed the native resolution will be converted to the native resolution.

*2: The screen size is that of the original aspect ratio.

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

*4: IN STANDARD/GRAPHIC picture mode. Measured based on the power consumption rate and a measurement method for the TV receiver. *5: Height: with legs at shortest position. *6: Depth: including the lens.

*7: A guideline for light source replacement. The maintenance-free duration may be shortened due to environmental conditions.

Installation

PT-EZ770Z
PT-EZ770ZL*4



LCD Projector
6,500 lm | WUXGA | WIRED LAN

PT-EW730Z
PT-EW730ZL*4



LCD Projector
7,000 lm | WXGA | WIRED LAN

PT-EX800Z
PT-EX800ZL*4



LCD Projector
7,500 lm | XGA | WIRED LAN

Optical	Panel type	19.0 mm (0.76 inches) LCD x 3	19.0 mm (0.76 inches) LCD x 3	20.0 mm (0.79 inches) LCD x 3
	Aspect ratio	16:10	16:10	4:3
Interface	Lamp	400 W UHM	400 W UHM	400 W UHM
	Brightness	6,500 lm	7,000 lm	7,500 lm
	Lens (throw ratio)	F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) [PT-EZ770Z]	F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) [PT-EW730Z]	F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) [PT-EX800Z]
	Contrast (full on/full off)	5,000:1	5,000:1	5,000:1
	Resolution native/maximum*1	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)
	Screen size (diagonal)*2	1.02-10.16 m (40-400 inches)	1.02-10.16 m (40-400 inches)	1.02-10.16 m (40-400 inches)
	Lens shift	Vertical: ±60 %, horizontal: ±10 % [powered]	Vertical: ±60 %, horizontal: ±10 % [powered]	Vertical: ±50 %, horizontal: ±10 % [powered]
	Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
	Terminals	DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)]	DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)]	DVI-D in [DVI-D 24-pin x 1 (HDCP compatible)]
		HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DisplayPort IN [DP-20P x 1 (DisplayPort 1.1, HDCP compatible)] RGB in [D-sub HD 15-pin x 1 (RGB/Y/PbPr/YCbCr x 1)] RGB in [BNC x 5 (RGB/Y/PbPr/YCbCr x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DisplayPort IN [DP-20P x 1 (DisplayPort 1.1, HDCP compatible)] RGB in [D-sub HD 15-pin x 1 (RGB/Y/PbPr/YCbCr x 1)] RGB in [BNC x 5 (RGB/Y/PbPr/YCbCr x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DisplayPort IN [DP-20P x 1 (DisplayPort 1.1, HDCP compatible)] RGB in [D-sub HD 15-pin x 1 (RGB/Y/PbPr/YCbCr x 1)] RGB in [BNC x 5 (RGB/Y/PbPr/YCbCr x 1)] Composite video in [Pin jack x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote 1 in [M3 x 1] Remote 2 in [D-sub 9-pin x 1] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible]
General	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	Power consumption	590 W	575 W	575 W
	Dimensions (W x H x D)	530 x 177*5 x 445 mm*6*7 (20-7/8 x 6-31/32*5 x 17-1/2 inches)*6*7	530 x 177*5 x 445 mm*6*7 (20-7/8 x 6-31/32*5 x 17-1/2 inches)*6*7	530 x 177*5 x 445 mm*6*7 (20-7/8 x 6-31/32*5 x 17-1/2 inches)*6*7
Features	Weight*3	Approx. 10.6 kg/23.4 lbs (PT-EZ770ZL: approx. 9.8 kg/21.6 lbs)	Approx. 10.6 kg/23.4 lbs (PT-EW730ZL: approx. 9.8 kg/21.6 lbs)	Approx. 10.6 kg/23.4 lbs (PT-EX800ZL: approx. 9.8 kg/21.6 lbs)
	Filter	Eco Filter	Eco Filter	Eco Filter
	Intelligent Lamp Control	Yes	Yes	Yes
	Emulation	Yes	Yes	Yes
	Daylight View	Daylight View Basic	Daylight View Basic	Daylight View Basic
	DICOM Simulation Mode	Yes	Yes	Yes
	Corner Keystone	Yes	Yes	Yes
	P-in-P/Side-by-Side	P-in-P/Side-by-Side	P-in-P/Side-by-Side	P-in-P/Side-by-Side
Audio Out During Standby	Yes	Yes	Yes	
Accessory	Replacement lamp	ET-LAE300	ET-LAE300	ET-LAE300
	Optional accessories	ET-PKE200H (High ceiling mount bracket)	ET-PKE200H (High ceiling mount bracket)	ET-PKE200H (High ceiling mount bracket)
		ET-PKE200S (Low ceiling mount bracket)	ET-PKE200S (Low ceiling mount bracket)	ET-PKE200S (Low ceiling mount bracket)
		ET-PKE200B (Bracket assembly)	ET-PKE200B (Bracket assembly)	ET-PKE200B (Bracket assembly)
		ET-RFE300 (Replacement filter unit)	ET-RFE300 (Replacement filter unit)	ET-RFE300 (Replacement filter unit)
	Optional lens	ET-YFB100G (Digital Interface Box)	ET-YFB100G (Digital Interface Box)	ET-YFB100G (Digital Interface Box)
		ET-ELW20 (Zoom lens, 1.3-1.7:1)	ET-ELW20 (Zoom lens, 1.3-1.7:1)	ET-ELW20 (Zoom lens, 1.3-1.7:1)
		ET-ELT20 (Zoom lens, 2.8-4.6:1)	ET-ELT20 (Zoom lens, 2.8-4.6:1)	ET-ELT20 (Zoom lens, 2.8-4.6:1)
		ET-ELT21 (Zoom lens, 4.6-7.2:1)	ET-ELT21 (Zoom lens, 4.6-7.2:1)	ET-ELT21 (Zoom lens, 4.6-7.2:1)
		ET-ELW21 (Fixed-focus lens, 0.8:1)	ET-ELW21 (Fixed-focus lens, 0.8:1)	ET-ELW21 (Fixed-focus lens, 0.8:1)
Standard accessories	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	

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

Key Features

Panasonic's Leading-Edge Technology

SOLID SHINE Illumination - Going Beyond Conventional Projectors

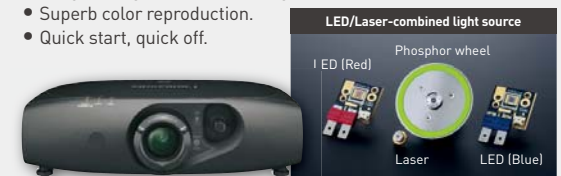


With the newly developed LED/Laser-combined light source, SOLID SHINE Series projectors provide solid reliability and long-lasting brightness unprecedented by conventional lamp-based projectors.

Advantages

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

No Maintenance
20,000 HOURS



* A guideline for light source replacement. The maintenance-free duration may be shortened due to environmental conditions.

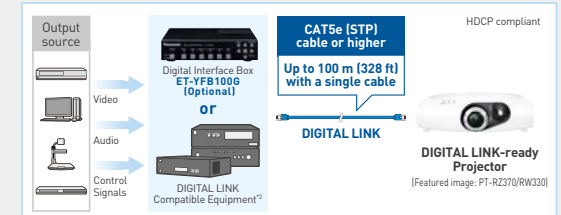
DIGITAL LINK - Single Cable Solution



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

Advantages

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



*1: The ET-YFB100G does not accept direct RS-232C commands. It accepts commands only through DIGITAL LINK projectors. The only available control via the projector is to change the input terminal of the ET-YFB100G.
*2: For tested compatible equipment, please visit the website.

panasonic.net/avc/projector/support/digitalink_compatible_list/

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

*4: Lens-less model. *5: Height: with legs at shortest position.
*6: Depth: including the lens. *7: Depth: 385 mm (15-5/32 inches) for the lens-less models.

Installation

PT-EZ570
PT-EZ570L*4



PT-EW630
PT-EW630L*4



PT-EX600
PT-EX600L*4



PT-EW530
PT-EW530L*4



PT-EX500
PT-EX500L*4



	PT-EZ570 PT-EZ570L*4	PT-EW630 PT-EW630L*4	PT-EX600 PT-EX600L*4	PT-EW530 PT-EW530L*4	PT-EX500 PT-EX500L*4
Optical	Panel type 19.2 mm (0.76 inches) LCD x 3 Aspect ratio 16:10 Lamp 330 W UHM Brightness 5,000 lm Lens (throw ratio) F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) (PT-EZ570) Contrast (full on/full off) 5,000:1 Resolution native/maximum*1 WUXGA (1,920 x 1,200) Screen size (diagonal)*2 1.02-10.16 m (40-400 inches) Lens shift Vertical: ±60 %, horizontal: ±10 % (powered)	Panel type 19.0 mm (0.75 inches) LCD x 3 Aspect ratio 16:10 Lamp 330 W UHM Brightness 5,500 lm Lens (throw ratio) F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) (PT-EW630) Contrast (full on/full off) 5,000:1 Resolution native/maximum*1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) Screen size (diagonal)*2 1.02-10.16 m (40-400 inches) Lens shift Vertical: ±60 %, horizontal: ±10 % (powered)	Panel type 20.0 mm (0.8 inches) LCD x 3 Aspect ratio 4:3 Lamp 330 W UHM Brightness 6,000 lm Lens (throw ratio) F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) (PT-EX600) Contrast (full on/full off) 5,000:1 Resolution native/maximum*1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) Screen size (diagonal)*2 1.02-10.16 m (40-400 inches) Lens shift Vertical: ±50 %, horizontal: ±10 % (powered)	Panel type 19.0 mm (0.75 inches) LCD x 3 Aspect ratio 16:10 Lamp 330 W UHM Brightness 4,500 lm Lens (throw ratio) F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) (PT-EW530) Contrast (full on/full off) 2,000:1 Resolution native/maximum*1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) Screen size (diagonal)*2 1.02-10.16 m (40-400 inches) Lens shift Vertical: ±60 %, horizontal: ±10 % (powered)	Panel type 20.0 mm (0.8 inches) LCD x 3 Aspect ratio 4:3 Lamp 330 W UHM Brightness 5,000 lm Lens (throw ratio) F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) (PT-EX500) Contrast (full on/full off) 2,000:1 Resolution native/maximum*1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) Screen size (diagonal)*2 1.02-10.16 m (40-400 inches) Lens shift Vertical: ±50 %, horizontal: ±10 % (powered)
Interface	Built-in speaker 10.0 W (monaural) Terminals DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB in [D-sub HD 15-pin x 1 (RGB x 1)] RGB in [BNC x 5 (RGB/YPbPr/YCaCr x 1)] Composite/Component Video in [Pin jack x 3 (Video/YPbPr/YCaCr x 1)] S-Video in [Mini-DIN 4-pin x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote in [M3 x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	Built-in speaker 10.0 W (monaural) Terminals DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB in [D-sub HD 15-pin x 1 (RGB x 1)] RGB in [BNC x 5 (RGB/YPbPr/YCaCr x 1)] Composite/Component Video in [Pin jack x 3 (Video/YPbPr/YCaCr x 1)] S-Video in [Mini-DIN 4-pin x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote in [M3 x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	Built-in speaker 10.0 W (monaural) Terminals DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB in [D-sub HD 15-pin x 1 (RGB x 1)] RGB in [BNC x 5 (RGB/YPbPr/YCaCr x 1)] Composite/Component Video in [Pin jack x 3 (Video/YPbPr/YCaCr x 1)] S-Video in [Mini-DIN 4-pin x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote in [M3 x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	Built-in speaker 10.0 W (monaural) Terminals DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB in [D-sub HD 15-pin x 1 (RGB x 1)] RGB in [BNC x 5 (RGB/YPbPr/YCaCr x 1)] Composite/Component Video in [Pin jack x 3 (Video/YPbPr/YCaCr x 1)] S-Video in [Mini-DIN 4-pin x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote in [M3 x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	Built-in speaker 10.0 W (monaural) Terminals DVI-D in [DVI-D 24-pin x 1 (DVI-D x 1 (HDCP compatible))] HDMI in [HDMI 19-pin x 1 (HDCP compatible)] RGB in [D-sub HD 15-pin x 1 (RGB x 1)] RGB in [BNC x 5 (RGB/YPbPr/YCaCr x 1)] Composite/Component Video in [Pin jack x 3 (Video/YPbPr/YCaCr x 1)] S-Video in [Mini-DIN 4-pin x 1] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] Remote in [M3 x 1] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]
General	Power supply 100-240 V AC, 50/60 Hz Power consumption 490 W Dimensions (W x H x D) 489.5 x 164*5 x 434 mm*6*7 (19-9/32 x 6-15/32*5 x 17-3/32 inches)*6*7 Weight*3 Approx. 10.3 kg/22.7 lbs (PT-EZ570L: approx. 9.6 kg/21.2 lbs)	Power supply 100-240 V AC, 50/60 Hz Power consumption 490 W Dimensions (W x H x D) 489.5 x 164*5 x 434 mm*6*7 (19-9/32 x 6-15/32*5 x 17-3/32 inches)*6*7 Weight*3 Approx. 10.3 kg/22.7 lbs (PT-EW630L: approx. 9.6 kg/21.2 lbs)	Power supply 100-240 V AC, 50/60 Hz Power consumption 490 W Dimensions (W x H x D) 489.5 x 164*5 x 434 mm*6*7 (19-9/32 x 6-15/32*5 x 17-3/32 inches)*6*7 Weight*3 Approx. 10.3 kg/22.7 lbs (PT-EX600L: approx. 9.6 kg/21.2 lbs)	Power supply 100-240 V AC, 50/60 Hz Power consumption 490 W Dimensions (W x H x D) 489.5 x 164*5 x 434 mm*6*7 (19-9/32 x 6-15/32*5 x 17-3/32 inches)*6*7 Weight*3 Approx. 10.2 kg/22.5 lbs (PT-EW530L: approx. 9.5 kg/20.9 lbs)	Power supply 100-240 V AC, 50/60 Hz Power consumption 490 W Dimensions (W x H x D) 489.5 x 164*5 x 434 mm*6*7 (19-9/32 x 6-15/32*5 x 17-3/32 inches)*6*7 Weight*3 Approx. 10.2 kg/22.5 lbs (PT-EX500L: approx. 9.5 kg/20.9 lbs)
Features	Filter Eco Filter Intelligent Lamp Control Yes Emulation - Daylight View Daylight View Basic Detail Clarity Processor - Corner Keystone Yes P-in-P/Side-by-Side Side-by-Side Audio Out During Standby Yes	Filter Eco Filter Intelligent Lamp Control Yes Emulation - Daylight View Daylight View Basic Detail Clarity Processor - Corner Keystone Yes P-in-P/Side-by-Side Side-by-Side Audio Out During Standby Yes	Filter Eco Filter Intelligent Lamp Control Yes Emulation - Daylight View Daylight View Basic Detail Clarity Processor - Corner Keystone Yes P-in-P/Side-by-Side - Audio Out During Standby Yes	Filter Eco Filter Intelligent Lamp Control Yes Emulation - Daylight View Daylight View Basic Detail Clarity Processor - Corner Keystone - P-in-P/Side-by-Side Side-by-Side Audio Out During Standby Yes	Filter Eco Filter Intelligent Lamp Control Yes Emulation - Daylight View Daylight View Basic Detail Clarity Processor - Corner Keystone - P-in-P/Side-by-Side - Audio Out During Standby Yes
Accessory	Replacement lamp ET-LAE200 Optional accessories ET-PKE200H (High ceiling mount bracket) ET-PKE200S (Low ceiling mount bracket) ET-PKE200B (Bracket assembly) ET-RFE200 (Replacement filter unit) Optional lens ET-ELW20 (Zoom lens, 1.3-1.7:1) ET-ELT20 (Zoom lens, 2.8-4.6:1) ET-ELT21 (Zoom lens, 4.6-7.2:1) ET-ELW21 (Fixed-focus lens, 0.8:1) Standard accessories Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Replacement lamp ET-LAE200 Optional accessories ET-PKE200H (High ceiling mount bracket) ET-PKE200S (Low ceiling mount bracket) ET-PKE200B (Bracket assembly) ET-RFE200 (Replacement filter unit) Optional lens ET-ELW20 (Zoom lens, 1.3-1.7:1) ET-ELT20 (Zoom lens, 2.8-4.6:1) ET-ELT21 (Zoom lens, 4.6-7.2:1) ET-ELW21 (Fixed-focus lens, 0.8:1) Standard accessories Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Replacement lamp ET-LAE200 Optional accessories ET-PKE200H (High ceiling mount bracket) ET-PKE200S (Low ceiling mount bracket) ET-PKE200B (Bracket assembly) ET-RFE200 (Replacement filter unit) Optional lens ET-ELW20 (Zoom lens, 1.3-1.7:1) ET-ELT20 (Zoom lens, 2.8-4.6:1) ET-ELT21 (Zoom lens, 4.6-7.2:1) ET-ELW21 (Fixed-focus lens, 0.8:1) Standard accessories Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Replacement lamp ET-LAE200 Optional accessories ET-PKE200H (High ceiling mount bracket) ET-PKE200S (Low ceiling mount bracket) ET-PKE200B (Bracket assembly) ET-RFE200 (Replacement filter unit) Optional lens ET-ELW20 (Zoom lens, 1.3-1.7:1) ET-ELT20 (Zoom lens, 2.8-4.6:1) ET-ELT21 (Zoom lens, 4.6-7.2:1) ET-ELW21 (Fixed-focus lens, 0.8:1) Standard accessories Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Replacement lamp ET-LAE200 Optional accessories ET-PKE200H (High ceiling mount bracket) ET-PKE200S (Low ceiling mount bracket) ET-PKE200B (Bracket assembly) ET-RFE200 (Replacement filter unit) Optional lens ET-ELW20 (Zoom lens, 1.3-1.7:1) ET-ELT20 (Zoom lens, 2.8-4.6:1) ET-ELT21 (Zoom lens, 4.6-7.2:1) ET-ELW21 (Fixed-focus lens, 0.8:1) Standard accessories Power cord with power cord holder, wireless/wired remote control unit, batteries for remote control unit, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)

*1: Input signals that exceed the native resolution will be converted to the native resolution.

*2: The screen size is that of the original aspect ratio. *3: Average value. Each product has an individual variable in weight.

*4: Lens-less model. *5: Height: with legs at shortest position. *6: Depth: including the lens.

*7: Depth: 370 mm (14-9/16 inches) for the lens-less models.

Installation

PT-FW430



LCD Projector
3,500 lm WXGA **WIRED LAN** **WIRELESS** option⁴

PT-FX400



LCD Projector
4,000 lm XGA **WIRED LAN** **WIRELESS** option⁴

Optical	PT-FW430	PT-FX400
Panel type	18.9 mm (0.74 inches) LCD x 3	20.3 mm (0.8 inches) LCD x 3
Aspect ratio	16:10	4:3
Lamp	250 W UHM	250 W UHM
Brightness	3,500 lm	4,000 lm
Lens (throw ratio)	F 1.7-2.6, f 21.6-43.0 mm (1.34-2.68:1)	F 1.7-2.6, f 24.0-47.2 mm (1.48-2.96:1)
Contrast (full on/full off)	600:1	600:1
Resolution native/maximum*1	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)
Screen size (diagonal)*2	0.84-7.62 m (33-300 inches)	0.84-7.62 m (33-300 inches)
Lens shift	Vertical ±51 %, horizontal ±24 % (manual)	Vertical ±50 %, horizontal ±27 % (manual)
Interface		
Built-in speaker	5.0 W (monaural)	5.0 W (monaural)
Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-I in [DVI-I 29-pin x 1 (Digital: HDCP compatible) (Analog: RGB/YPbPr/YCaCr x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCr x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] Wireless module input terminal [for optional ET-WM200 x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-I in [DVI-I 29-pin x 1 (Digital: HDCP compatible) (Analog: RGB/YPbPr/YCaCr x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCr x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] Wireless module input terminal [for optional ET-WM200 x 1]
General		
Power supply	100-240 V AC, 3.9-1.4 A, 50/60 Hz	100-240 V AC, 3.9-1.4 A, 50/60 Hz
Power consumption	330 W	330 W
Dimensions (W x H x D)	430 x 125.5 ⁵ x 323 mm (16-15/16 x 4-15/16 ⁵ x 12-23/32 inches)	430 x 125.5 ⁵ x 323 mm (16-15/16 x 4-15/16 ⁵ x 12-23/32 inches)
Weight*3	Approx. 6.0 kg/13.2 lbs	Approx. 6.0 kg/13.2 lbs
Features		
Filter	Eco Filter	Eco Filter
Emulation	Yes	Yes
Daylight View	Daylight View Premium	Daylight View Premium
Detail Clarity Processor	Detail Clarity Processor 3	Detail Clarity Processor 3
DICOM Simulation Mode	-	-
Corner Keystone	-	-
P-in-P/Side-by-Side	Side-by-Side	-
Wireless Ready	Wireless Manager ME 6.0 ⁴ , iOS ⁴ , Android ⁴	Wireless Manager ME 6.0 ⁴ , iOS ⁴ , Android ⁴
Audio Out During Standby	Yes	Yes
Accessory		
Replacement lamp	ET-LAF100A	ET-LAF100A
Optional accessories	ET-PKF110H (High ceiling mount bracket) ET-PKF110S (Low ceiling mount bracket) ET-EMF100 (Replacement filter unit) ET-WM200 (Wireless module)	ET-PKF110H (High ceiling mount bracket) ET-PKF110S (Low ceiling mount bracket) ET-EMF100 (Replacement filter unit) ET-WM200 (Wireless module)
Standard accessories	Power cord, wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager ME 6.0)	Power cord, wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager ME 6.0)

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

Key Features

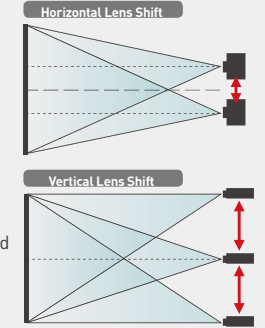
Features for Flexible Installation/ Maintaining Long-Lasting Image Quality

Lens Shift Function

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

Advantages

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



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

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

Eco Filter

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

Advantages

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



Featured image is for the PT-FW430 Series.

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

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

Inorganic Panel

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

Advantages

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

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

Portable

PT-VW431D



PT-VW430



PT-VW435N



PT-VX500



PT-VX505N



	PT-VW431D	PT-VW430	PT-VW435N	PT-VX500	PT-VX505N	
Optical	Panel type	15.0 mm (0.59 inches) LCD x 3	15.0 mm (0.59 inches) LCD x 3	15.0 mm (0.59 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3	
	Aspect ratio	16:10	16:10	16:10	4:3	
	Lamp	280 W UHM	280 W UHM	280 W UHM	280 W UHM	280 W UHM
	Brightness	4,300 lm	4,300 lm	4,300 lm	5,000 lm	5,000 lm
	Lens (throw ratio)	F 1.60-2.12, f 15.28-24.62 mm (1.18-1.90:1)	F 1.60-2.12, f 15.28-24.62 mm (1.18-1.90:1)	F 1.60-2.12, f 15.28-24.62 mm (1.18-1.90:1)	F 1.60-2.12, f 15.28-24.62 mm (1.18-1.90:1)	F 1.60-2.12, f 15.28-24.62 mm (1.18-1.90:1)
	Contrast (full on/full off)	3,500:1	3,500:1	3,500:1	4,000:1	4,000:1
	Resolution native/maximum*1	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)
	Screen size (diagonal)*2	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)
Interface	Lens shift	Vertical: +48 % (manual)	Vertical: +48 % (manual)	Vertical: +48 % (manual)	Vertical: +40 % (manual)	Vertical: +40 % (manual)
	Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
	Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPrPr/YCbCr x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Computer audio in 1 [M3 x 1 (L-R x 1)] Computer audio in 2/MIC in [M3 x 1 (L-R x 1)] Video audio in [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN/DIGITAL LINK [RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPrPr/YCbCr x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Computer audio in 1 [M3 x 1 (L-R x 1)] Computer audio in 2/MIC in [M3 x 1 (L-R x 1)] Video audio in [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPrPr/YCbCr x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Computer audio in 1 [M3 x 1 (L-R x 1)] Computer audio in 2/MIC in [M3 x 1 (L-R x 1)] Video audio in [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB A [USB type-A x 1] USB B [USB type-B x 1]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPrPr/YCbCr x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Computer audio in 1 [M3 x 1 (L-R x 1)] Computer audio in 2/MIC in [M3 x 1 (L-R x 1)] Video audio in [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPrPr/YCbCr x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Computer audio in 1 [M3 x 1 (L-R x 1)] Computer audio in 2/MIC in [M3 x 1 (L-R x 1)] Video audio in [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB A [USB type-A x 1] USB B [USB type-B x 1]
	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	Power consumption	365 W	365 W	365 W	365 W	365 W
	Dimensions (W x H x D)	379 x 107 ⁴ x 305 mm ⁵ (14-29/32 x 4-7/32 ⁴ x 12 inches) ⁵	379 x 107 ⁴ x 305 mm ⁵ (14-29/32 x 4-7/32 ⁴ x 12 inches) ⁵	379 x 107 ⁴ x 305 mm ⁵ (14-29/32 x 4-7/32 ⁴ x 12 inches) ⁵	379 x 107 ⁴ x 305 mm ⁵ (14-29/32 x 4-7/32 ⁴ x 12 inches) ⁵	379 x 107 ⁴ x 305 mm ⁵ (14-29/32 x 4-7/32 ⁴ x 12 inches) ⁵
	Weight*3	Approx. 4.8 kg/10.6 lbs	Approx. 4.8 kg/10.6 lbs	Approx. 4.8 kg/10.6 lbs	Approx. 4.8 kg/10.6 lbs	Approx. 4.8 kg/10.6 lbs
	Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter	Pleated Micro Cut Filter
Features	Daylight View	Daylight View Basic	Daylight View Basic	Daylight View Basic	Daylight View Basic	
	Wireless Ready	-	-	Wireless Manager ME 6.0, iOS, Android	-	
	USB Memory Viewer	-	-	Yes	-	
	USB Display	-	-	Yes	-	
	Audio Out During Standby	Yes	-	-	-	
Accessory	Replacement lamp	ET-LAV200	ET-LAV200	ET-LAV200	ET-LAV200	
	Optional accessories	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV200B (Bracket assembly) ET-RFV200 (Replacement filter unit) ET-YFB100G (Digital Interface Box)	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV200B (Bracket assembly) ET-RFV200 (Replacement filter unit)	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV200B (Bracket assembly) ET-RFV200 (Replacement filter unit)	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV200B (Bracket assembly) ET-RFV200 (Replacement filter unit)	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV200B (Bracket assembly) ET-RFV200 (Replacement filter unit)
	Standard accessories	Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, carrying bag, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, carrying bag, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, carrying bag, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager ME 6.0)	Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, carrying bag, computer cable, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager ME 6.0)	

*1: Input signals that exceed the native resolution will be converted to the native resolution.

*2: The screen size is that of the original aspect ratio.

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

*4: Height: with legs at shortest position.

*5: Depth: protruding parts not included.

Portable

PT-VW345NZ



LCD Projector
3,700 lm WXGA WIRELESS LAN

PT-VW340Z



LCD Projector
3,700 lm WXGA WIRELESS LAN

PT-VX415NZ



LCD Projector
4,200 lm XGA WIRELESS LAN

PT-VX410Z



LCD Projector
4,200 lm XGA WIRELESS LAN

PT-VX42Z



LCD Projector
4,000 lm XGA WIRELESS LAN

Optical	Panel type 15.0 mm [0.59 inches] LCD x 3 Aspect ratio 16:10 Lamp 230 W UHM Brightness 3,700 lm Lens (throw ratio) F 1.60-2.12, f 15.30-24.64 mm [1.2-1.9:1] Contrast (full on/full off) 3,000:1 Resolution native/maximum*1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) Screen size (diagonal)*2 0.76-7.62 m [30-300 inches] Lens shift 49:1 [fixed]	Panel type 15.0 mm [0.59 inches] LCD x 3 Aspect ratio 16:10 Lamp 230 W UHM Brightness 3,700 lm Lens (throw ratio) F 1.60-2.12, f 15.30-24.64 mm [1.2-1.9:1] Contrast (full on/full off) 3,000:1 Resolution native/maximum*1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) Screen size (diagonal)*2 0.76-7.62 m [30-300 inches] Lens shift 49:1 [fixed]	Panel type 16.0 mm [0.63 inches] LCD x 3 Aspect ratio 4:3 Lamp 230 W UHM Brightness 4,200 lm Lens (throw ratio) F 1.60-2.12, f 15.30-24.64 mm [1.2-1.9:1] Contrast (full on/full off) 4,000:1 Resolution native/maximum*1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) Screen size (diagonal)*2 0.76-7.62 m [30-300 inches] Lens shift 9:1 [fixed]	Panel type 16.0 mm [0.63 inches] LCD x 3 Aspect ratio 4:3 Lamp 230 W UHM Brightness 4,200 lm Lens (throw ratio) F 1.60-2.12, f 15.30-24.64 mm [1.2-1.9:1] Contrast (full on/full off) 4,000:1 Resolution native/maximum*1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) Screen size (diagonal)*2 0.76-7.62 m [30-300 inches] Lens shift 9:1 [fixed]	Panel type 16.0 mm [0.63 inches] LCD x 3 Aspect ratio 4:3 Lamp 230 W UHM Brightness 4,000 lm Lens (throw ratio) F 1.60-1.76, f 22.33-26.80 mm [1.7-2.1:1] Contrast (full on/full off) 4,000:1 Resolution native/maximum*1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) Screen size (diagonal)*2 1.02-7.62 m [40-300 inches] Lens shift 9:1 [fixed]
Interface	Built-in speaker 10.0 W [monaural] Terminals HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)]Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB A [USB type-A x 1] USB B [USB type-B x 1]	Built-in speaker 10.0 W [monaural] Terminals HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)]Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	Built-in speaker 10.0 W [monaural] Terminals HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)]Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] USB A [USB type-A x 1] USB B [USB type-B x 1]	Built-in speaker 10.0 W [monaural] Terminals HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)]Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	Built-in speaker 10.0 W [monaural] Terminals HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2/MIC in [M3 x 1 (L-R x 1)] Audio in 3 [Pin jack x 2 (L x 1, R x 1)]Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]
General	Power supply 100-240 V AC, 50/60 Hz Power consumption 300 W (100-120 V AC)/280 W (220-240 V AC) Dimensions (W x H x D) 352 x 98*4 x 279.4 mm*5 [13-27/32 x 3-27/32*4 x 11 inches]*5 Weight*3 Approx. 3.4 kg/7.5 lbs	Power supply 100-240 V AC, 50/60 Hz Power consumption 300 W (100-120 V AC)/280 W (220-240 V AC) Dimensions (W x H x D) 352 x 98*4 x 279.4 mm*5 [13-27/32 x 3-27/32*4 x 11 inches]*5 Weight*3 Approx. 3.3 kg/7.3 lbs	Power supply 100-240 V AC, 50/60 Hz Power consumption 300 W (100-120 V AC)/280 W (220-240 V AC) Dimensions (W x H x D) 352 x 98*4 x 279.4 mm*5 [13-27/32 x 3-27/32*4 x 11 inches]*5 Weight*3 Approx. 3.4 kg/7.5 lbs	Power supply 100-240 V AC, 50/60 Hz Power consumption 300 W (100-120 V AC)/280 W (220-240 V AC) Dimensions (W x H x D) 352 x 98*4 x 279.4 mm*5 [13-27/32 x 3-27/32*4 x 11 inches]*5 Weight*3 Approx. 3.3 kg/7.3 lbs	Power supply 100-240 V AC, 50/60 Hz Power consumption 300 W (100-120 V AC)/280 W (220-240 V AC) Dimensions (W x H x D) 352 x 98*4 x 255 mm*5 [13-27/32 x 3-27/32*4 x 10-1/32 inches]*5 Weight*3 Approx. 3.2 kg/7.1 lbs
Features	Filter Pleated Micro Cut Filter Emulation Yes Daylight View Daylight View Basic Easy Setting Yes P-in-P/Side-by-Side P-in-P/Side-by-Side Wireless Ready Miracast™, Wireless Manager ME 6.0, iOS, Android USB Memory Viewer Yes USB Display Yes Audio Out During Standby Yes	Filter Pleated Micro Cut Filter Emulation Yes Daylight View Daylight View Basic Easy Setting - P-in-P/Side-by-Side P-in-P/Side-by-Side Wireless Ready - USB Memory Viewer - USB Display - Audio Out During Standby Yes	Filter Pleated Micro Cut Filter Emulation Yes Daylight View Daylight View Basic Easy Setting Yes P-in-P/Side-by-Side - Wireless Ready Miracast™, Wireless Manager ME 6.0, iOS, Android USB Memory Viewer Yes USB Display Yes Audio Out During Standby Yes	Filter Pleated Micro Cut Filter Emulation Yes Daylight View Daylight View Basic Easy Setting - P-in-P/Side-by-Side - Wireless Ready - USB Memory Viewer - USB Display - Audio Out During Standby Yes	Filter Pleated Micro Cut Filter Emulation Yes Daylight View Daylight View Basic Easy Setting - P-in-P/Side-by-Side - Wireless Ready - USB Memory Viewer - USB Display - Audio Out During Standby Yes
Accessory	Replacement lamp ET-LAV300 Optional accessories ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV101B (Bracket assembly) ET-RFV300 (Replacement filter unit) Standard accessories Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager ME 6.0)	Replacement lamp ET-LAV300 Optional accessories ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV101B (Bracket assembly) ET-RFV300 (Replacement filter unit) Standard accessories Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Replacement lamp ET-LAV300 Optional accessories ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV101B (Bracket assembly) ET-RFV300 (Replacement filter unit) Standard accessories Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager ME 6.0)	Replacement lamp ET-LAV300 Optional accessories ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV101B (Bracket assembly) ET-RFV300 (Replacement filter unit) Standard accessories Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager ME 6.0)	Replacement lamp ET-LAV300 Optional accessories ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV101B (Bracket assembly) ET-RFV300 (Replacement filter unit) Standard accessories Power cord with power cord holder, wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)

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

*4: Height: with legs at shortest position.
 *5: Depth: Including protruding parts.

Portable

PT-LW271



1-Chip DLP™ Projector
2,700 lm WXGA WIRELESS LAN

PT-LX351



1-Chip DLP™ Projector
3,500 lm XGA WIRELESS LAN

PT-LX300



1-Chip DLP™ Projector
3,000 lm XGA

PT-LX270



1-Chip DLP™ Projector
2,700 lm XGA

	PT-LW271	PT-LX351	PT-LX300	PT-LX270	
Optical	Panel type	16.5 mm (0.65 inches) DLP™ chip x 1	14 mm (0.55 inches) DLP™ chip x 1	14 mm (0.55 inches) DLP™ chip x 1	14 mm (0.55 inches) DLP™ chip x 1
	Aspect ratio	16:10	4:3	4:3	4:3
	Lamp	190 W UHM	240 W UHM	190 W UHM	190 W UHM
	Brightness	2,700 lm	3,500 lm	3,000 lm	2,700 lm
	Lens (throw ratio)	F 2.5-2.67, f 21.8-24 mm (1.55-1.7:1)	F 2.41-2.53, f 21.8-24 mm (1.95-2.15:1)	F 2.41-2.53, f 21.8-24 mm (1.95-2.15:1)	F 2.41-2.53, f 21.8-24 mm (1.95-2.15:1)
	Contrast (full on/full off)	7,500:1	7,500:1	4,000:1	4,000:1
	Resolution native/maximum*1	WXGA (1,280 x 800)/UXGA (1,600 x 1,200)	XGA (1,024 x 768)/UXGA (1,600 x 1,200)	XGA (1,024 x 768)/UXGA (1,600 x 1,200)	XGA (1,024 x 768)/UXGA (1,600 x 1,200)
	Screen size (diagonal)**2	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)
Lens shift	10-1.2 (fixed)	10-1.5 (fixed)	10-1.5 (fixed)	10-1.5 (fixed)	
Interface	Built-in speaker	8.0 W (monaural)	8.0 W (monaural)	2.0 W (monaural)	2.0 W (monaural)
	Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPr/PCr x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/YPr/PCr x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPr/PCr x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/YPr/PCr x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in [D-sub HD 15-pin x 1 (RGB/YPr/PCr x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in [D-sub HD 15-pin x 1 (RGB/YPr/PCr x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)]
	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	Power consumption	220 W	305 W	218 W	218 W
	Dimensions (W x H x D)	288 x 100 ⁴ x 231 mm ⁵ (11-11/32 x 3-15/16 ⁴ x 9-3/32 inches) ⁵	288 x 100 ⁴ x 233 mm ⁵ (11-11/32 x 3-15/16 ⁴ x 9-3/16 inches) ⁵	286 x 100.6 ⁴ x 192 mm (11-1/4 x 3-31/32 ⁴ x 7-9/16 inches)	286 x 100.6 ⁴ x 192 mm (11-1/4 x 3-31/32 ⁴ x 7-9/16 inches)
	Weight*3	Approx. 2.5 kg/5.5 lbs	Approx. 2.5 kg/5.5 lbs	Approx. 2.3 kg/5.1 lbs	Approx. 2.3 kg/5.1 lbs
	Filter	Air Filter	Air Filter	-	-
	Intelligent Lamp Control	Yes	Yes	Yes	Yes
	Emulation	-	-	-	-
	Daylight View	-	-	-	-
Wall Color Setting	Yes	Yes	Yes	Yes	
Audio Out During Standby	Yes	Yes	Yes	Yes	
Accessory	Replacement lamp	ET-LAL330	ET-LAL340	ET-LAL320	ET-LAL320
	Optional accessories	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKL300B (Bracket assembly)	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKL300B (Bracket assembly)	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKL300B (Bracket assembly)	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKL300B (Bracket assembly)
	Standard accessories	Power cord, wireless remote control unit, battery for remote control unit, computer cable	Power cord, wireless remote control unit, battery for remote control unit, computer cable	Power cord, wireless remote control unit, battery for remote control unit, computer cable	Power cord, wireless remote control unit, battery for remote control unit, computer cable

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

*4: Height: with legs at shortest position.
*5: Depth: with lens at shortest position.

Key Features

Daylight View Function

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

OFF Daylight View



The image looks washed out in a brightly lit room.






ON Daylight View



Perceived brightness and sharpness are enhanced for easy visibility.





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

Short Throw

	PT-CW331R	PT-CW241R		PT-CX301R	PT-CW330	PT-CW240	
	 <p>1-Chip DLP™ Projector 3,100 lm WXGA WIRELESS LAN ED PROFESSIONAL</p>	 <p>1-Chip DLP™ Projector 2,600 lm WXGA WIRELESS LAN ED PROFESSIONAL</p>		 <p>1-Chip DLP™ Projector XGA WIRELESS LAN ED PROFESSIONAL</p>	 <p>1-Chip DLP™ Projector 3,100 lm WXGA WIRELESS LAN ED PROFESSIONAL</p>	 <p>1-Chip DLP™ Projector 2,600 lm WXGA WIRELESS LAN ED PROFESSIONAL</p>	
Optical	Panel type	16.5 mm (0.65 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1	14 mm (0.55 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1	
	Aspect ratio	16:10	16:10	4:3	16:10	16:10	
	Lamp	280 W UHM	240 W UHM	280 W UHM	280 W UHM	240 W UHM	
	Brightness	3,100 lm	2,600 lm	3,100 lm	3,100 lm	2,600 lm	
	Lens (throw ratio)	F 2.6, f -5.27 mm (0.35:1)	F 2.6, f -5.27 mm (0.35:1)	F 2.6, f -5.27 mm (0.44:1)	F 2.6, f -5.27 mm (0.35:1)	F 2.6, f -5.27 mm (0.35:1)	
	Contrast (full on/full off)	8,000:1	8,000:1	8,000:1	8,000:1	8,000:1	
	Resolution native/maximum*1	WXGA (1,280 x 800)/WSXGA+ (1,680 x 1,050)	WXGA (1,280 x 800)/WSXGA+ (1,680 x 1,050)	XGA (1,024 x 768)/WSXGA+ (1,680 x 1,050)	WXGA (1,280 x 800)/WSXGA+ (1,680 x 1,050)	WXGA (1,280 x 800)/WSXGA+ (1,680 x 1,050)	
Screen size (diagonal)**2	1.78-2.54 m (70-100 inches)	1.78-2.54 m (70-100 inches)	1.52-2.29 m (60-90 inches)	1.78-2.54 m (70-100 inches)	1.78-2.54 m (70-100 inches)		
Interface	Built-in speaker	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)	
	Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Computer audio in [M3 x 2 (L-R x 2)] Video audio in [Pin jack x 2 (L x 1, R x 1)] S-Video audio in [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] Mini USB [Mini USB x 1, for interactive function]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Computer audio in [M3 x 2 (L-R x 2)] Video audio in [Pin jack x 2 (L x 1, R x 1)] S-Video audio in [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] Mini USB [Mini USB x 1, for interactive function]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Computer audio in [M3 x 2 (L-R x 2)] Video audio in [Pin jack x 2 (L x 1, R x 1)] S-Video audio in [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] Mini USB [Mini USB x 1, for interactive function]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Computer audio in [M3 x 2 (L-R x 2)] Video audio in [Pin jack x 2 (L x 1, R x 1)] S-Video audio in [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] Mini USB [Mini USB x 1, for interactive function]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Computer audio in [M3 x 2 (L-R x 2)] Video audio in [Pin jack x 2 (L x 1, R x 1)] S-Video audio in [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] Mini USB [Mini USB x 1, for service]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Computer audio in [M3 x 2 (L-R x 2)] Video audio in [Pin jack x 2 (L x 1, R x 1)] S-Video audio in [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] Mini USB [Mini USB x 1, for service]
	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	
	Power consumption	340 W	310 W	340 W	340 W	310 W	
	Dimensions (W x H x D)	357 x 250*4 x 367 mm (14-1/16 x 9-27/32*4 x 14-29/64 inches)	357 x 250*4 x 367 mm (14-1/16 x 9-27/32*4 x 14-29/64 inches)	357 x 250*4 x 367 mm (14-1/16 x 9-27/32*4 x 14-29/64 inches)	357 x 250*4 x 367 mm (14-1/16 x 9-27/32*4 x 14-29/64 inches)	357 x 250*4 x 367 mm (14-1/16 x 9-27/32*4 x 14-29/64 inches)	
	Weight*3	Approx. 7.8 kg/17.2 lbs	Approx. 7.6 kg/16.7 lbs	Approx. 7.8 kg/17.2 lbs	Approx. 7.7 kg/17.0 lbs	Approx. 7.5 kg/16.5 lbs	
	Features	Intelligent Lamp Control	-	-	-	-	-
		3D Ready	Yes	Yes	Yes	Yes	Yes
		Interactive Function	Yes	Yes	Yes	-	-
		Audio Out During Standby	Yes	Yes	Yes	Yes	Yes
Accessory	Replacement lamp	ET-LAC300	ET-LAC200	ET-LAC300	ET-LAC300	ET-LAC200	
	Optional accessories	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKC200B (Bracket assembly) ET-PKC200W (Wall mount bracket) ET-PEN100 (Interactive pen) ET-PNT100 (Interactive pointer)	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKC200B (Bracket assembly) ET-PKC200W (Wall mount bracket) ET-PEN100 (Interactive pen) ET-PNT100 (Interactive pointer)	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKC200B (Bracket assembly) ET-PKC200W (Wall mount bracket) ET-PEN100 (Interactive pen) ET-PNT100 (Interactive pointer)	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKC200B (Bracket assembly) ET-PKC200W (Wall mount bracket) ET-PEN100 (Interactive pen) ET-PNT100 (Interactive pointer)	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKC200B (Bracket assembly) ET-PKC200W (Wall mount bracket)	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKC200B (Bracket assembly) ET-PKC200W (Wall mount bracket)
	Standard accessories	Power cord, power cord cover, wireless remote control unit, battery for remote control unit, computer cable, USB cable, interactive pen (x 2), batteries for interactive pen, software CD-ROM (LightPen3)	Power cord, power cord cover, wireless remote control unit, battery for remote control unit, computer cable, USB cable, interactive pen (x 2), batteries for interactive pen, software CD-ROM (LightPen3)	Power cord, power cord cover, wireless remote control unit, battery for remote control unit, computer cable, USB cable, interactive pen (x 2), batteries for interactive pen, software CD-ROM (LightPen3)	Power cord, power cord cover, wireless remote control unit, battery for remote control unit, computer cable, USB cable, interactive pen (x 2), batteries for interactive pen, software CD-ROM (LightPen3)	Power cord, power cord cover, wireless remote control unit, battery for remote control unit, computer cable	Power cord, power cord cover, wireless remote control unit, battery for remote control unit, computer cable

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



Short Throw

	PT-CX300	PT-TW331R		PT-TX301R	PT-TW330	
	 <p>1-Chip DLP™ Projector 3,100 lm XGA WIRELESS LAN 3D PROFESSIONAL</p>	 <p>1-Chip DLP™ Projector 3,100 lm WXGA WIRELESS LAN INTERACTIVE</p>		 <p>1-Chip DLP™ Projector 3,000 lm XGA WIRELESS LAN INTERACTIVE</p>	 <p>1-Chip DLP™ Projector 3,100 lm WXGA WIRELESS LAN</p>	
Optical	Panel type	14 mm (0.55 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1	14 mm (0.55 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1	
	Aspect ratio	4:3	16:10	4:3	16:10	
	Lamp	280 W UHM	240 W UHM	240 W UHM	240 W UHM	
	Brightness	3,100 lm	3,100 lm	3,000 lm	3,100 lm	
	Lens (throw ratio)	F 2.6, f -5.27 mm (0.44:1)	F 2.8, f 7.51 mm (0.521:1)	F 2.8, f 7.26 mm (0.626:1)	F 2.8, f 7.51 mm (0.521:1)	
	Contrast (full on/full off)	8,000:1	7,500:1	7,500:1	7,500:1	
	Resolution native/maximum*1	XGA (1,024 x 768)/WSXGA+ (1,680 x 1,050)	WXGA (1,280 x 800)/UXGA (1,600 x 1,200)	XGA (1,024 x 768)/UXGA (1,600 x 1,200)	WXGA (1,280 x 800)/UXGA (1,600 x 1,200)	
	Screen size (diagonal)*2	1.52-2.29 m (60-90 inches)	1.14-5.72 m (45-225 inches)	1.02-5.08 m (40-200 inches)	1.14-5.72 m (45-225 inches)	
Lens shift	-	10:-1.2 (fixed)	10:-1.5 (fixed)	10:-1.2 (fixed)		
Interface	Built-in speaker	8.0 W (monaural)	8.0 W (monaural)	8.0 W (monaural)	8.0 W (monaural)	
	Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/Y/PbPr/YCbCr x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/Y/PbPr/YCbCr x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Computer audio in [M3 x 2 (L-R x 2)] Video audio in [Pin jack x 2 (L x 1, R x 1)] S-Video audio in [Pin jack x 2 (L x 1, R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] Mini USB [Mini USB x 1, for service]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/Y/PbPr/YCbCr x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/Y/PbPr/YCbCr x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] Mini USB [Mini USB x 1, for interactive function]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/Y/PbPr/YCbCr x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/Y/PbPr/YCbCr x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)] Mini USB [Mini USB x 1, for interactive function]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/Y/PbPr/YCbCr x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/Y/PbPr/YCbCr x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	
	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	
	Power consumption	340 W	301 W	301 W	301 W	
	Dimensions (W x H x D)	357 x 250 ⁴ x 367 mm (14-1/16 x 9-27/32 ⁴ x 14-29/64 inches)	288 x 106 ⁴ x 270.5 mm (11-11/32 x 4-3/16 ⁴ x 10-21/32 inches)	288 x 106 ⁴ x 270.5 mm (11-11/32 x 4-3/16 ⁴ x 10-21/32 inches)	288 x 100 ⁴ x 246 mm ⁵ (11-11/32 x 3-15/16 ⁴ x 9-11/16 inches) ⁵	
	Weight*3	Approx. 7.7 kg/17.0 lbs	Approx. 2.7 kg/6 lbs	Approx. 2.7 kg/6 lbs	Approx. 2.5 kg/5.5 lbs	
	Intelligent Lamp Control	-	Yes	Yes	Yes	
	3D Ready	Yes	-	-	-	
	Interactive Function	-	Yes	Yes	-	
	Audio Out During Standby	Yes	Yes	Yes	Yes	
	Accessory	Replacement lamp	ET-LAC300	ET-LAL341	ET-LAL341	ET-LAL341
		Optional accessories	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKC200B (Bracket assembly) ET-PKC200W (Wall mount bracket)	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKL300B (Bracket assembly) ET-PEN100 (Interactive pen) ET-PNT100 (Interactive pointer)	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKL300B (Bracket assembly) ET-PEN100 (Interactive pen) ET-PNT100 (Interactive pointer)	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKL300B (Bracket assembly)
		Standard accessories	Power cord, power cord cover, wireless remote control unit, battery for remote control unit, computer cable	Power cord, wireless remote control unit, battery for remote control unit, computer cable, USB cable, interactive pen (x 2), batteries for interactive pen, software CD-ROM (LightPen3)	Power cord, wireless remote control unit, battery for remote control unit, computer cable, USB cable, interactive pen (x 2), batteries for interactive pen, software CD-ROM (LightPen3)	Power cord, wireless remote control unit, battery for remote control unit, computer cable

*1: Input signals that exceed the native resolution will be converted to the native resolution.
*2: The screen size is that of the original aspect ratio.

*3: Average value. Each product has an individual variable in weight.
*4: Height: with legs at shortest position. *5: Depth: with lens at shortest position.

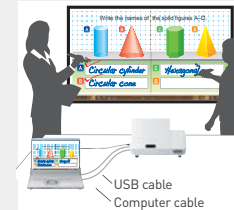
Short Throw

	PT-TW240	PT-TX300	
	 <p>1-Chip DLP™ Projector 2,700 lm WXGA WIRED LAN</p>	 <p>1-Chip DLP™ Projector 3,000 lm XGA WIRED LAN</p>	
Optical	Panel type	16.5 mm (0.65 inches) DLP™ chip x 1	14 mm (0.55 inches) DLP™ chip x 1
	Aspect ratio	16:10	4:3
	Lamp	190 W UHM	240 W UHM
	Brightness	2,700 lm	3,000 lm
	Lens (throw ratio)	F 2.8, f 7.51 mm (0.521:1)	F 2.8, f 7.26 mm (0.626:1)
	Contrast (full on/full off)	7,500:1	7,500:1
	Resolution native/maximum*1	WXGA (1,280 x 800)/UXGA (1,600 x 1,200)	XGA (1,024 x 768)/UXGA (1,600 x 1,200)
	Screen size (diagonal)*2	1.14-5.72 m (45-225 inches)	1.02-5.08 m (40-200 inches)
	Lens shift	10:-1.2 (fixed)	10:-1.5 (fixed)
Interface	Built-in speaker	8.0 W (monaural)	8.0 W (monaural)
	Terminals	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Audio in 1 [M3 x 1 (L-R x 1)] Audio in 2 [M3 x 1 (L-R x 1)] Audio out [M3 x 1 (L-R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]
	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	Power consumption	254 W	301 W
	Dimensions (W x H x D)	288 x 100*4 x 246 mm*5 (11-11/32 x 3-15/16*4 x 9-11/16 inches)*5	288 x 100*4 x 246 mm*5 (11-11/32 x 3-15/16*4 x 9-11/16 inches)*5
	Weight*3	Approx. 2.5 kg/5.5 lbs	Approx. 2.5 kg/5.5 lbs
	Intelligent Lamp Control	Yes	Yes
	3D Ready	-	-
	Interactive Function	-	-
	Audio Out During Standby	Yes	Yes
Accessory	Replacement lamp	ET-LAL331	ET-LAL341
	Optional accessories	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKL300B (Bracket assembly)	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKL300B (Bracket assembly)
	Standard accessories	Power cord, wireless remote control unit, battery for remote control unit, computer cable	Power cord, wireless remote control unit, battery for remote control unit, computer cable

Key Features

Interactive Function

You can write letters or draw figures on the projected image with an interactive pen. Then you can store these letters and figures in a computer. The interactive function allows efficient and effective presentations and promotes information sharing.

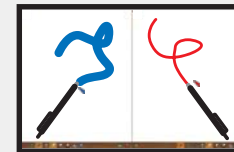


Dual pen support*

Select the dual pen mode (Half screen mode/Full screen mode). Two users can write simultaneously, making your classes and presentations more efficient.

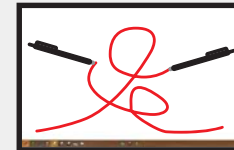
Half screen mode

The drawing screen is divided into two sections. Individually select color and line width for each screen.



Full screen mode

Write on the full screen. The color and line width of the two pens are same.



* Available for Windows® operating system.

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

*1: Input signals that exceed the native resolution will be converted to the native resolution.
*2: The screen size is that of the original aspect ratio. *3: Average value. Each product has an individual variable in weight.
*4: Height: with legs at shortest position. *5: Depth: with lens at shortest position.

Home Cinema

PT-AT6000



PT-AH1000



	PT-AT6000	PT-AH1000	
Optical	Panel type	18.7 mm (0.74 inches) LCD x 3	18.7 mm (0.74 inches) LCD x 3
	Aspect ratio	16:9	16:9
	Lamp	220 W UHM	280 W UHM
	Brightness	2,400 lm*4	2,800 lm*4
	Lens (throw ratio)	F 1.9-3.2, f 22.4-44.8 mm (1.35-2.70:1)	F 2.0-3.4, f 21.5-43.0 mm (1.33-2.69:1)
	Contrast (full on/full off)	500,000:1*5	50,000:1*5
	Resolution native/maximum*1	Full HD (1,920 x 1,080)/WUXGA (1,920 x 1,200)	Full HD (1,920 x 1,080)/WUXGA (1,920 x 1,200)
	Screen size (diagonal)*2	2D projection: 1.02-7.62 m (40-300 inches) 3D projection: 1.02-5.08 m (40-200 inches)	1.02-7.62 m (40-300 inches)
	Lens shift	Vertical: ±100 %, horizontal: ±26 %*6	Vertical: ±65 %, horizontal: ±26 %*6
Interface	Built-in speaker	-	-
	Terminals	HDMI in [HDMI 19-pin x 3 (HDCP/HDAVI Control Version 5 compliant)] Computer in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Component in [Pin jack x 3 (YPbPr/YCbCr x 3)] Trigger in/Trigger out/3D shutter out [M3 x 2] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Serial [D-sub 9-pin x 1 (RS-232C)]	HDMI in [HDMI 19-pin x 2 (HDCP/HDAVI Control Version 5 compliant)] Computer in [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)] Component in [Pin jack x 3 (YPbPr/YCbCr x 3)] Trigger in/Trigger out [M3 x 2] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Serial [D-sub 9-pin x 1 (RS-232C)]
General	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	Power consumption	310 W	350 W
	Dimensions (W x H x D)	470 x 151*7 x 364 mm (18-17/32 x 5-15/16*7 x 14-11/32 inches)	470 x 151*7 x 380 mm (18-17/32 x 5-15/16*7 x 14-31/32 inches)
	Weight*3	Approx. 8.7 kg/19.2 lbs	Approx. 8.6 kg/19.0 lbs
Features	3D Ready	Yes	-
	Frame Creation	Yes	-
	Detail Clarity Processor	Detail Clarity Processor 4	Detail Clarity Processor 3
	Intelligent Lens Memory	Yes	-
	Light Harmonizer	-	Light Harmonizer 3
Accessory	Replacement lamp	ET-LAA410	ET-LAA110
	Optional accessories	ET-PKA110H (High ceiling mount bracket) ET-PKA110S (Low ceiling mount bracket) ET-TRM110 (3D IR transmitter) TY-EW3D3M (3D eyewear)	ET-PKA110H (High ceiling mount bracket) ET-PKA110S (Low ceiling mount bracket)
	Standard accessories	Power cord, wireless remote control unit, batteries for remote control unit	Power cord, wireless remote control unit, batteries for remote control unit

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



Why choose a Panasonic wireless projector?

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

Wireless Manager ME 5.5/6.0 Multifunctional Application Software



The Wireless Manager ME 5.5/6.0 application provided with the projector allows easy transfer of data from the screen of a personal computer through a PC's wired or wireless LAN function. Additionally, screen images from multiple computers can be projected by using Multi-Live mode.



Four-Window Multi Style
displays up to four computer screens at a time.



Four-Window Index Style
displays thumbnails of four computer screens.



16-Window Index Style
displays thumbnails of 16 computer screens.

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

The ET-UW100 Easy Wireless Stick integrates a wireless application and a wireless LAN adapter. Simply plug it into the computer's USB port for easy wireless projection of the computer screen without installing Wireless Manager ME5.5/6.0.



ET-UW100

Note: The availability of the ET-UW100 varies depending on the country. A firmware update is required to use the ET-UW100 with the PT-VW345NZ/VX415NZ.

For more information, please visit the website >> panasonic.net/avc/projector/

Wireless Projection from Tablet Devices or Smartphones



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

Projectable documents**



* They can both be downloaded for free – the iOS version from the AppStore, and the Android version from Google Play.

** Text, RichText and Keynote files are not supported by Wireless Projector for Android.

Miracast™ Wireless Projection* **NEW**



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

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

Supports future-technology Miracast™-compatible devices.**



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

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

** See the website for Miracast™-compatible devices information.



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

Panasonic

PT-VW340 Series

LCD Projectors

PT-VW345NZ
PT-VW340Z
PT-VX415NZ
PT-VX410Z
PT-VX42Z

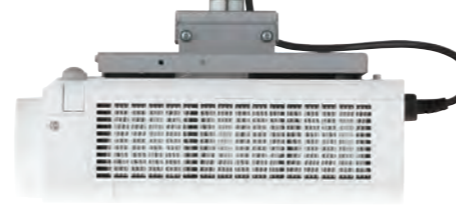
A New Way to Share Your Ideas

Smaller, lighter, smarter. . . .

Multi-device wireless projection with Miracast™ support.



Wireless Has Gone Versatile. You Choose the Device.



Easy-Going Wireless. Multi-Device, in Classrooms and Meeting Rooms.

Connect N Collaborate—Linking People, Devices & the World

Miracast™ Wireless Projection*1

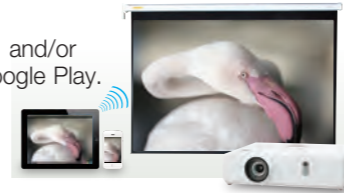
Connect a Miracast™-compatible PC, tablet or Android phone and instantly mirror whatever is on your screen—from Full-HD video to websites, online video streams, and PowerPoint documents. You can connect tested Miracast™-compatible device directly to the projector, without having to access a Wi-Fi® network. This makes the next generation of high-quality wireless projection even easier to use.

Please visit our global website, <http://panasonic.net/avc/projector/>, for list of tested Miracast™ compatible devices.

for Smart Devices Wireless Projection from iOS/Android Devices*2

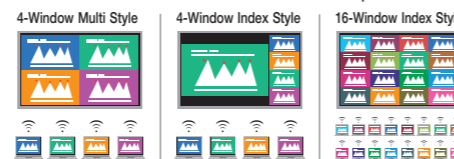
The software allows wireless projection from an iPad, iPhone, iPod touch, and/or Android devices. Download the application from the App Store and/or Google Play.

- A wide range of projectable documents including Word, Excel, PowerPoint, JPEG, PDF, Text, Rich text, Keynote*3, and many more
- Marker function • Pointer function • Motion Capture projection • One Shot projection
- Multi-live mode



Wireless Manager ME 6.0.2 Wireless Projection from Windows/Mac PCs*2

The software provided with the projector allows easy transfer of data from the screen of a personal computer*4 through a PC's wireless LAN function.*5 It can also be used to transfer audio files.*6 Multi-Live mode allows the simultaneous projection of up to 16 computers. The software greatly shortens the set up time and the graphical user interface (GUI) has been redesigned for easier and simpler operation.



Easy Wireless Stick Speedy Wireless Projection without App Installation

Simply plug Easy Wireless Stick*7 (ET-UW100) into the computer's USB port for easy wireless projection*8 of the computer screen.*4



USB Memory Wireless Projection from a USB Memory Device*1

Not only still images, but full-HD video files can also be projected by simply inserting the USB memory device into the USB port of the projector. This makes it easy to give presentations without having to use a computer.



*1 For the PT-VW345NZ/VX415NZ.
 *2 Wireless projection with devices that are not Miracast™-compatible or wireless projection from multiple devices requires the installation of dedicated software.
 *3 For iOS devices only
 *4 Supported by Windows®XP/Windows Vista®/Windows®7/Windows®8 and Macintosh (Mac OS X v10.6/v10.7/v10.8)
 *5 If the computer is not equipped with a wireless LAN function, a wireless LAN card is required. In the case of Macintosh computers, only the built-in wireless LAN function is supported. Network functions such as Live mode and Multi-Live mode can also be used with a wired LAN.
 *6 Windows®7 and Windows Vista® computers must be logged on to using the Administrator's account. The first time that a Windows®7 computer is used, the sound driver may require setting.
 *7 The ET-UW100 is available in the following countries and regions as of October 2013. North America, England, Germany, France, Spain, Italy, Belgium, Austria, Sweden, Norway, Denmark, Switzerland, Holland, Finland, Portugal, Greece, Australia and Japan.
 *8 The ET-UW100 will not transfer audio files. Firmware update is necessary for ET-UW100 in order to be able to use with the PT-VW345NZ/VX415NZ.
 For more information, please visit projector global website:<http://panasonic.net/avc/projector/>



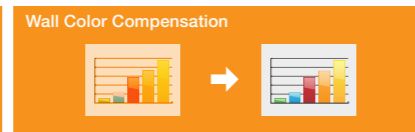
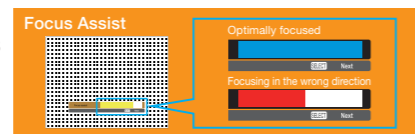
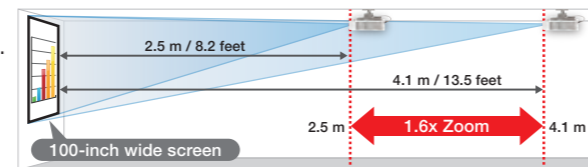
Superb Performance in a Compact Body

- A remarkable **4,200 lm^{*9}/4,000 lm^{*9}/3,700 lm^{*9} of brightness** has been achieved for bright, clear images to enhance usage applications while maintaining the compact body.
- Incorporates a variable iris that produces **high contrast of 4,000:1^{*10}** for sharp, crisp projection in any situation.
- Reduces maintenance hassle and ensures low TCO with a maximum lamp replacement cycle of **up to 6,000 hours** and long filter life of **up to 6,000 hours^{*11}**.
- Panasonic's Daylight View Basic technology** achieves sharp, easy-to-see images by clearly reproducing the details in dark image areas, which were previously difficult to see in brightly lit rooms.
- The quiet design keeps noise levels down to **29 dB^{*12}** as the sound of the cooling fan is hardly noticeable. No interruption of the speaker while in meetings or classes.



Convenient Functions for Portable and Ceiling-Mounted Applications

- The **1.6x zoom lens** supports a wide range of projection distances which allows flexible installation.
 - * For the PT-VW345NZ/VW340Z/VX415NZ/VX410Z. 1.2x zoom for the PT-VX42Z.
- Corner Keystone Correction** enables angled projection by simply designating four corners of the projected image.
 - * For the PT-VW345NZ/VW340Z/VX415NZ/VX410Z. PT-VX42Z supports only vertical keystone correction.
- USB Display** outputs images and sounds from the computer by connecting to the USB port with a single USB cable.
 - * For the PT-VW345NZ/VX415NZ.
- Easy Setting Function** helps to reduce time and hassle for setting up the projector. Simply press the "Auto Setup" button to detect the condition of the projected image.
 - * For the PT-VW345NZ/VX415NZ.
- Side-by-Side and Picture-in-Picture functions** allow simultaneous projection of two different image sources^{*13} onto a single screen.
 - * For the PT-VW345NZ/VW340Z.
- High-output **10-watt speakers** and a microphone input enables audio playback directly from the projector for even more effective presentations.

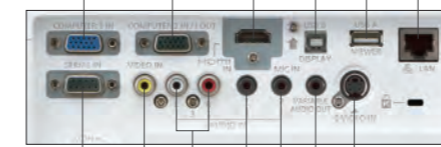


Other Useful Features

- Easy remote monitoring and control over a LAN
- The standby power consumption is as low as 0.48 W
- Crestron Connected™ compliant
- AMX DD compliant
- Auto Input Signal Search
- Input Guidance function
- Real-time keystone correction^{*14}
- Color-board and blackboard modes
- Easy lamp and filter replacement
- Direct power off
- Ecology-conscious design
- Projector identification system for up to 6 projectors

Extensive interfaces support a wide range of system architectures for portable or ceiling-mounted use.

- 1 LAN
- 2 USB (Type A) *1
- 3 USB (Type B) *1
- 4 HDMI Input
- 5 COMPUTER Input 1
- 6 COMPUTER Input 2 / MONITOR Output
- 7 S-VIDEO Input
- 8 AUDIO Output
- 9 AUDIO Input 2 (MIC IN)
- 10 AUDIO Input 1
- 11 AUDIO Input
- 12 VIDEO Input
- 13 SERIAL Input



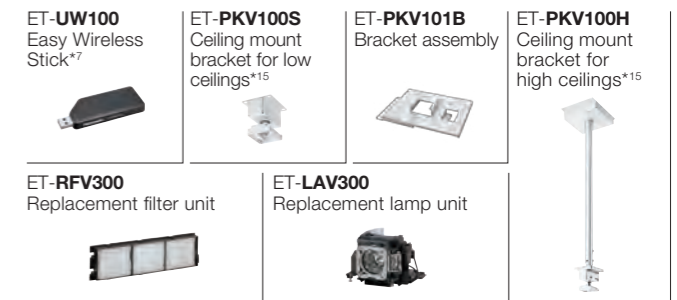
- HDMI input terminal
- 2 sets of computer (RGB) input terminals
- LAN terminal
- serial (RS-232C) terminal for external control.

Featured image: PT-VW345NZ/VX415NZ.



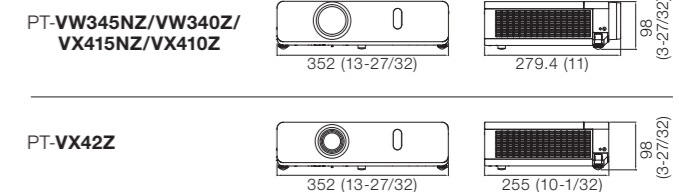
PT-VW345NZ	WXGA	3,700 lm	Wireless
PT-VW340Z	WXGA	3,700 lm	
PT-VX415NZ	XGA	4,200 lm	Wireless
PT-VX410Z	XGA	4,200 lm	
PT-VX42Z	XGA	4,000 lm	

Optional accessories



Dimensions

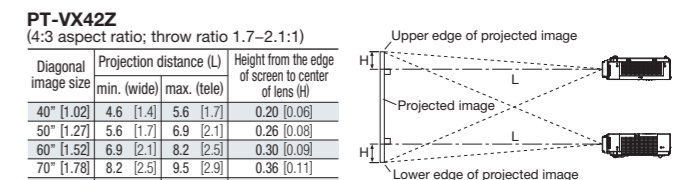
unit: mm (inches)



Projection distance

unit: feet [meters]

PT-VW345NZ/VW340Z (16:10 aspect ratio; throw ratio 1.2–1.9:1)				PT-VX415NZ/VX410Z (4:3 aspect ratio; throw ratio 1.2–1.9:1)			
Diagonal image size	Projection distance (L)		Height from the edge of screen to center of lens (H)	Diagonal image size	Projection distance (L)		Height from the edge of screen to center of lens (H)
	min. (wide)	max. (tele)			min. (wide)	max. (tele)	
30"	0.76	2.3	0.7	30"	0.76	2.3	0.7
40"	1.02	3.3	1.0	40"	1.02	3.0	0.9
50"	1.27	4.3	1.3	50"	1.27	3.9	1.2
60"	1.52	4.9	1.5	60"	1.52	4.6	1.4
70"	1.78	5.9	1.8	70"	1.78	5.6	1.7
80"	2.03	6.6	2.0	80"	2.03	6.2	1.9
90"	2.29	7.5	2.3	90"	2.29	7.2	2.2
100"	2.54	8.2	2.5	100"	2.54	7.9	2.4
120"	3.05	10.2	3.1	120"	3.05	9.5	2.9
150"	3.81	12.5	3.8	150"	3.81	11.8	3.6
200"	5.08	16.7	5.1	200"	5.08	15.7	4.8
250"	6.35	21.0	6.4	250"	6.35	19.7	6.0
300"	7.62	25.3	7.7	300"	7.62	23.6	7.2



- The value for L (distance to screen) varies slightly depending on the zoom lens characteristics.
- At the shortest projection distance, the zoom lens characteristics may cause slight image distortion.

^{*9} The PT-VX415NZ/VX410Z has 4,200 lm, PT-VX42Z 4,000 lm, and PT-VW345NZ/VW340Z has 3,700 lm of brightness.
^{*10} For the PT-VX415NZ/VX410Z/VX42Z. The PT-VW345NZ/VW340Z has 3,000:1 contrast ratio.
^{*11} The usage environment affects the duration of the filter.
^{*12} With the lamp power set to Eco1 or Eco2.
^{*13} The image sources must be a combination of an analog signal and a digital signal.
^{*14} Keystone correction is performed in the PT-VW345NZ and PT-VX415NZ when using the Easy Setting function.
^{*15} This product is used together with an optional bracket assembly (sold separately).

Specifications

Model	PT-VW345NZ	PT-VW340Z	PT-VX415NZ	PT-VX410Z	PT-VX42Z
Power supply	AC 100–240 V 50 Hz/60 Hz		AC 100–240 V 50 Hz/60 Hz		
Power consumption	100–120 V: 300 W, 220–240 V: 280 W (0.4 W when Standby mode set to Eco*, 5 W when Standby mode set to Network, 14 W when Standby mode set to Normal)	100–120 V: 300 W, 220–240 V: 280 W (0.4 W when Standby mode set to Eco*, 1.3 W when Standby mode set to Network, 9 W when Standby mode set to Normal)	100–120 V: 300 W, 220–240 V: 280 W (0.4 W when Standby mode set to Eco*, 5 W when Standby mode set to Network, 14 W when Standby mode set to Normal)	100–120 V: 300 W, 220–240 V: 280 W (0.4 W when Standby mode set to Eco*, 1.3 W when Standby mode set to Network, 9 W when Standby mode set to Normal)	
LCD panel	Panel size Display method Pixels		0.59 inches (1.50 cm) (16:10 aspect ratio) Transparent LCD panel (× 3, R/G/B) 1,024,000 (1,280 × 800) × 3, total of 3,072,000 pixels		
	0.63 inches (1.60 cm) (4:3 aspect ratio)		0.63 inches (1.60 cm) (4:3 aspect ratio)		
Lens	Manual zoom (1.6×) (throw ratio: 1.2–1.9:1), manual focus F 1.60–2.12, f 15.30–24.64 mm				Manual zoom (1.2×) (throw ratio: 1.7–2.1:1), manual focus F 1.60–1.76, f 22.33–26.80 mm
Lamp	230 W × 1				
Screen size (diagonal)	30–300 inches				40–300 inches
Brightness*2	3,700 lm (ANSI) (input signals: PC, lamp power: normal, picture mode: dynamic)		4,200 lm (ANSI) (input signals: PC, lamp power: normal, picture mode: dynamic)		4,000 lm (ANSI) (input signals: PC, lamp power: normal, picture mode: dynamic)
Center-to-corner uniformity*2	85 %				
Contrast*2	3,000:1 (all white / all black) (input signals: PC, lamp power: normal, picture mode: dynamic, IRIS: on)		4,000:1 (all white / all black) (input signals: PC, lamp power: normal, picture mode: dynamic, IRIS: on)		
Resolution	1,280 × 800 pixels (Input signals that exceed this resolution will be converted to 1,280 × 800 pixels.)		1,024 × 768 pixels (Input signals that exceed this resolution will be converted to 1,024 × 768 pixels.)		
Scanning frequency	HDMI	(fh) 15–80 kHz, (fv) 50–85 Hz, dot clock: 162 MHz or lower			
	RGB (analog)	(fh) 15–100 kHz, (fv) 50–100 Hz, dot clock: 162 MHz or lower (Signals exceeding the dot clock rate of 140 MHz are downsampled.)			
	YPbPr (YCbCr)	(fh) 15.75 kHz (fv) 60 Hz [525i (480i)], (fh) 45.00 kHz (fv) 60 Hz [750 (720)/60p], (fh) 28.13 kHz (fv) 25 Hz [1125 (1080)/25p], (fh) 67.50 kHz (fv) 60 Hz [1125 (1080)/60p]	(fh) 15.63 kHz (fv) 50 Hz [625i (576i)], (fh) 37.50 kHz (fv) 50 Hz [750 (720)/50p], (fh) 27.00 kHz (fv) 24 Hz [1125 (1080)/24p], (fh) 56.25 kHz (fv) 50 Hz [1125 (1080)/50p]	(fh) 31.50 kHz (fv) 60 Hz [525p (480p)], (fh) 33.75 kHz (fv) 60 Hz [1125 (1080)/60i], (fh) 27.00 kHz (fv) 48 Hz [1125 (1080)/24sf], (fh) 33.75 kHz (fv) 30 Hz [1125 (1080)/30p]	(fh) 31.25 kHz (fv) 50 Hz [625p (576p)], (fh) 28.13 kHz (fv) 50 Hz [1125 (1080)/50i], (fh) 33.75 kHz (fv) 30 Hz [1125 (1080)/30p]
Video/S-Video	(fh) 15.75 kHz, (fv) 60 Hz [NTSC/NTSC4.43/PAL-M/PAL60], (fh) 15.63 kHz, (fv) 50 Hz [PAL/SECAM/PAL-N]				
Optical axis shift	49:1 (fixed)		9:1 (fixed)		
Keystone correction range	Vertical: ±40° (when using EASY SETTING: ±30°) (for WXGA input, max) Horizontal: ±30° (when using EASY SETTING: ±20°) (for WXGA input, max)	Vertical: ±40° (when using AUTO: ±30°) (for WXGA input, max) Horizontal: ±30° (for WXGA input, max)	Vertical: ±40° (when using EASY SETTING: ±30°) (for XGA input, max) Horizontal: ±30° (when using EASY SETTING: ±20°) (for XGA input, max)	Vertical: ±40° (when using AUTO: ±30°) (for XGA input, max) Horizontal: ±30° (for XGA input, max)	Vertical: ±30° (when using AUTO: ±20°) (for XGA input, max)
Installation	Front ceiling / front desk / rear ceiling / rear desk				
Terminals	HDMI IN	(HDMI 19P) × 1, HDCP compatible [525p (480p)], [625p (576p)], [750 (720)/60p], [750 (720)/50p], [1125 (1080)/60i], [1125 (1080)/50i], [1125 (1080)/25p], [1125 (1080)/24p], [1125 (1080)/24sf], [1125 (1080)/30p], [1125 (1080)/60p], [1125 (1080)/50p] VGA size (640 dots × 480 dots)–WUXGA (1,920 dots × 1,200 dots), VESA CVT-RB compatible			
	COMPUTER IN 1	(D-sub 15P, female) × 1 (RGB/Y/Pb/Cr/Pr/Cn)			
	COMPUTER IN 2 / MONITOR OUT	(D-sub 15P, female) × 1 (RGB/monitor output (input/output switching))			
	VIDEO IN	(Pin-Jack) × 1			
	S-VIDEO IN	(Mini DIN 4P) × 1			
	AUDIO IN 3	(L-R, Pin-Jack pin × 2) × 1			
	AUDIO IN 1	(L-R, M3 jacks) × 1			
	AUDIO IN 2 (MIC IN)	(L-R, M3 jacks) × 1 *The audio 2 terminals are compatible with MIC input			
	AUDIO OUT	(L-R, M3 jack) × 1 (Monitor output variable)			
	SERIAL IN	(D-Sub 9P, female) × 1 for external control (RS-232C compatible)			
LAN	(RJ-45) × 1 for network connections 10Base-T/100Base-TX PjLink™ compatible				
USB A	Type A × 1 for USB Memory Viewer Functions	—	Type A × 1 for USB Memory Viewer Functions	—	—
USB B	Type B × 1 for USB Display Functions	—	Type B × 1 for USB Display Functions	—	—
Built-in speaker	Size: 4.0 cm (1-9/16 inches) (round) × 1, output power: 10 W (monaural)				
Noise level*2	35 dB (lamp power: Normal), 29 dB (lamp power: Eco 1 / Eco 2)				
Cabinet materials	Molded plastic				
Dimensions (W × H × D)	352 × 98.0*3 × 279.4*4 mm (13-27/32 × 3-27/32*3 × 11** inches)				352 × 98.0*3 × 255*4 mm (13-27/32 × 3-27/32*3 × 10-1/32*4 inches)
Weight*5	Approximately 3.4 kg (7.5 lbs)	Approximately 3.3 kg (7.3 lbs)	Approximately 3.4 kg (7.5 lbs)	Approximately 3.3 kg (7.3 lbs)	Approximately 3.2 kg (7.1 lbs)
Operating environment	Operating temperature: 0–40 °C (at altitudes less than 1400 m, high altitude mode: OFF) Operating temperature: 0–30 °C (at altitudes of 1400 m to 2000 m, high altitude mode: HIGH1) Operating temperature: 0–30 °C (at altitudes of 2000 m to 2700 m, high altitude mode: HIGH2) Operating humidity: 10–80% (no condensation)				
Supplied accessories	<ul style="list-style-type: none"> Wireless remote control unit (× 1) Power cord (× 1) (× 2 for UK and Asia only) The PT-VW345NZ/VX415NZ comes supplied with Wireless Manager ME 6.0. R03/LR03/AAA type battery (× 2) RGB signal cable Lens Cap (× 1) 				

- * 1 When the Standby mode is set to Eco, network functions such as standby on via LAN are not available.
Also, only certain commands can be received for external control using the serial terminal.
* 2 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.
* 3 With legs retracted to minimum.
* 4 Including protruding parts.
* 5 Average value. May differ depending on the actual unit.

Caution

Do not install the projector in locations that are subject to excessive water, humidity, steam or oily smoke. Doing so may result in fire, malfunction or electric shock.

NOTES ON USE

- The projector uses a high-voltage mercury lamp under high internal pressure. This lamp may break, emitting a popping sound, or fail to illuminate, due to impact or extended use.
- The high-wattage lamp becomes very hot during operation. Please observe the following precautions:
 - Never place objects on top of the projector while it is in operation.
 - Make sure there is an unobstructed space of 39-3/8 inches (1,000 mm) or more around the projector's exhaust openings.
 - If stacking projector units, care must be taken to provide the recommended space between units. These space requirements also apply to installation where only one projector unit is operating at one time and the other unit is used as a backup.

- If the projector is placed in a box or enclosure, the temperature of the air surrounding the projector must match the operating temperature listed in the specifications table during use. Also, make sure the projector's intake and exhaust openings are not blocked. Ensure there is sufficient ventilation to prevent hot air from the exhaust openings being recirculated into the intake opening.
- The lamp replacement cycle duration becomes shorter if the projector is operated repeatedly for short periods.
 - The lamp replacement cycle varies greatly depending on individual lamp characteristics and usage conditions.
 - The brightness of the lamp will gradually decrease with use.
- Due to natural characteristics of lamps, screen brightness may fluctuate. This is not an indication of faulty lamp performance.

Panasonic®



For more information about Panasonic projectors, please visit:
 Projector Global Web Site – panasonic.net/avc/projector
 Facebook – www.facebook.com/panasonicprojector
 YouTube – www.youtube.com/user/PanasonicProjector

Weights and dimensions shown are approximate. Specifications and appearance are subject to change without notice. Product availability differs depending on region and country. This product may be subject to export control regulations. The projection distances and throw ratios given in this brochure are for use only as guidelines. For more detailed information, please consult the dealer from whom you are purchasing the product. Windows, Windows Vista and PowerPoint are trademarks of Microsoft Corporation in the United States and other countries. Android and Google Play are registered trademarks or trademarks of Google Inc. Macintosh, Mac, Mac OS X, iPad, iPhone, iPod touch and iTunes are trademarks of Apple Inc., registered in the U.S. and other countries. The PjLink trademark is an application trademark in Japan, the United States, and other countries and regions or registered trademarks. HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. Crestron Connected™ is a trademark of Crestron Electronics, Inc. Wi-Fi® and Miracast™ are trademarks or registered trademarks of Wi-Fi Alliance. All other trademarks are the property of their respective trademark owners. Projection images simulated. © 2013 Panasonic Corporation. All rights reserved.

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