

# Panasonic

Large-Venue

Installation

Portable

Short Throw

Home Cinema



\* Laservision - Designers and Creators of the Winter in Venice - "The Magic of the Seasons" Macau












## PROJECTOR LINEUP

June 2013

















# Ideal Solutions for Various Applications

## Large-Venue












Rental/Staging		Auditorium		Museum/Exhibition		Control Room			
Digital Signage				Houses of Worship/Church					
 <p><b>PT-DZ21K</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>20,000 lm WUXGA</p> <ul style="list-style-type: none"> <li>Geometric Adjustment</li> <li>Lens Memory</li> <li>Eco Filter</li> </ul>		 <p><b>PT-DS20K</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>20,000 lm SXGA+</p> <ul style="list-style-type: none"> <li>Geometric Adjustment</li> <li>Lens Memory</li> <li>Eco Filter</li> </ul>		 <p><b>PT-DW17K</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>17,000 lm WXGA</p> <ul style="list-style-type: none"> <li>Lens Memory</li> <li>Eco Filter</li> </ul>		 <p><b>PT-EX16K</b></p> <p>WIRELESS LAN Pure Color Control</p> <p>16,000 lm XGA</p> <ul style="list-style-type: none"> <li>Pure Color Control</li> <li>Corner Keystone</li> </ul>			
<p><b>NEW</b></p>  <p><b>PT-DZ13K</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>12,000 lm WUXGA</p> <ul style="list-style-type: none"> <li>Geometric Adjustment</li> <li>Lens Memory</li> <li>Eco Filter</li> </ul>		 <p><b>PT-DS12K</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>12,000 lm SXGA+</p> <ul style="list-style-type: none"> <li>Geometric Adjustment</li> <li>Lens Memory</li> <li>Eco Filter</li> </ul>		 <p><b>PT-DW11K</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>11,000 lm WXGA</p> <ul style="list-style-type: none"> <li>Lens Memory</li> <li>Eco Filter</li> </ul>		 <p><b>PT-DZ10K</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>10,600 lm WUXGA</p> <ul style="list-style-type: none"> <li>Geometric Adjustment</li> <li>Lens Memory</li> <li>Eco Filter</li> </ul>		 <p><b>PT-EX12K</b></p> <p>WIRELESS LAN Pure Color Control</p> <p>13,000 lm XGA</p> <ul style="list-style-type: none"> <li>Pure Color Control</li> <li>Corner Keystone</li> <li>Eco Filter</li> </ul>	

## Portable

Medium to Small Classrooms		Meeting Room	
 <p><b>PT-VW431D</b></p> <p>DIGITAL LINK WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>4,300 lm WXGA</p> <ul style="list-style-type: none"> <li>DIGITAL LINK-ready</li> <li>1.6x Zoom lens</li> <li>Built-in 10 W speaker</li> </ul>		 <p><b>PT-VW440S</b> <b>NEW</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>4,800 lm WXGA</p> <ul style="list-style-type: none"> <li>1.6x Zoom lens</li> <li>Built-in 10 W speaker</li> </ul>	
 <p><b>PT-VW435N</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>4,300 lm WXGA</p> <ul style="list-style-type: none"> <li>1.6x Zoom lens</li> <li>Built-in 10 W speaker</li> </ul>		 <p><b>PT-VX510S</b> <b>NEW</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>5,500 lm XGA</p> <ul style="list-style-type: none"> <li>1.6x Zoom lens</li> <li>Built-in 10 W speaker</li> </ul>	
 <p><b>PT-VX505N</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>5,000 lm XGA</p> <ul style="list-style-type: none"> <li>1.6x Zoom lens</li> <li>Built-in 10 W speaker</li> </ul>			
Small Classroom		Meeting Room	
 <p><b>PT-VW330</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>3,000 lm WXGA</p> <ul style="list-style-type: none"> <li>1.6x Zoom lens</li> <li>Built-in 10 W speaker</li> <li>Intelligent Lamp Control</li> </ul>		 <p><b>PT-VX400NT</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>4,000 lm XGA</p> <ul style="list-style-type: none"> <li>1.6x Zoom lens</li> <li>Built-in 10 W speaker</li> <li>Intelligent Lamp Control</li> </ul>	
 <p><b>PT-VX400</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>4,000 lm XGA</p> <ul style="list-style-type: none"> <li>1.6x Zoom lens</li> <li>Built-in 10 W speaker</li> <li>Intelligent Lamp Control</li> </ul>		 <p><b>PT-VX41</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>4,000 lm XGA</p> <ul style="list-style-type: none"> <li>1.2x Zoom lens</li> <li>Built-in 10 W speaker</li> <li>Intelligent Lamp Control</li> </ul>	
 <p><b>PT-LB3</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>3,200 lm XGA</p> <ul style="list-style-type: none"> <li>Daylight View Basic</li> <li>Lightweight body</li> </ul>			




Small Classroom		Meeting Room	
 <p><b>PT-LW25H</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>2,500 lm WXGA</p> <ul style="list-style-type: none"> <li>Lightweight body</li> </ul>		 <p><b>PT-LX30H</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>3,000 lm XGA</p> <ul style="list-style-type: none"> <li>Lightweight body</li> </ul>	
 <p><b>PT-LX26H</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>2,600 lm XGA</p> <ul style="list-style-type: none"> <li>Lightweight body</li> </ul>		 <p><b>PT-LX26</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>2,600 lm XGA</p> <ul style="list-style-type: none"> <li>Lightweight body</li> </ul>	

## Short Throw

Small Classroom		Meeting Room		Museum/Exhibition	
<p><b>NEW</b></p>  <p><b>PT-CW331R</b></p> <p>Interactive WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>3,100 lm WXGA</p> <ul style="list-style-type: none"> <li>Interactive</li> <li>3D ready</li> <li>Built-in 10 W speaker</li> </ul>		 <p><b>PT-CW241R</b></p> <p>Interactive WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>2,600 lm WXGA</p> <ul style="list-style-type: none"> <li>Interactive</li> <li>3D ready</li> <li>Built-in 10 W speaker</li> </ul>		 <p><b>PT-CX301R</b></p> <p>Interactive WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>3,100 lm XGA</p> <ul style="list-style-type: none"> <li>Interactive</li> <li>3D ready</li> <li>Built-in 10 W speaker</li> </ul>	
 <p><b>PT-CW330</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>3,100 lm WXGA</p> <ul style="list-style-type: none"> <li>3D ready</li> <li>Built-in 10 W speaker</li> <li>HDMI</li> </ul>		 <p><b>PT-CW240</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>2,600 lm WXGA</p> <ul style="list-style-type: none"> <li>3D ready</li> <li>Built-in 10 W speaker</li> <li>HDMI</li> </ul>		 <p><b>PT-CX300</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>3,100 lm XGA</p> <ul style="list-style-type: none"> <li>3D ready</li> <li>Built-in 10 W speaker</li> <li>HDMI</li> </ul>	
Small Classroom		Meeting Room		Museum/Exhibition	
 <p><b>PT-CW230</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>2,500 lm WXGA</p> <ul style="list-style-type: none"> <li>3D ready</li> <li>Built-in 10 W speaker</li> <li>HDMI</li> </ul>		 <p><b>PT-CX200</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>2,000 lm XGA</p> <ul style="list-style-type: none"> <li>3D ready</li> <li>Built-in 10 W speaker</li> <li>HDMI</li> </ul>		 <p><b>PT-TW231R</b></p> <p>WIRELESS LAN Interactive WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>2,500 lm WXGA</p> <ul style="list-style-type: none"> <li>Interactive</li> <li>Built-in 10 W speaker</li> <li>HDMI</li> </ul>	
 <p><b>PT-TW230</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>2,500 lm WXGA</p> <ul style="list-style-type: none"> <li>Built-in 10 W speaker</li> <li>HDMI</li> </ul>		 <p><b>PT-ST10</b></p> <p>WIRELESS LAN WIDE 3D PROFESSIONAL</p> <p>2,800 lm XGA</p> <ul style="list-style-type: none"> <li>Daylight View Basic</li> </ul>			

# Installation

Museum/Exhibition	Simulation	Control Room	Digital Signage	Seminar Room/Lecture Room
<b>NEW</b>  <b>1-Chip DLP™</b>	PT-DZ870 PT-DZ870L** DIGITAL LINK WIRED LAN WIDE 3D PROFESSIONAL 8,500 lm WUXGA	PT-DW830 PT-DW830L** DIGITAL LINK WIRED LAN WIDE 3D PROFESSIONAL 8,500 lm WXGA	PT-DX100 PT-DX100L** DIGITAL LINK WIRED LAN WIDE 3D PROFESSIONAL 10,000 lm XGA	
	• Dynamic RGB Booster • Dust Resistant Optics • Geometric Adjustment	• Dynamic RGB Booster • Dust Resistant Optics	• Dynamic RGB Booster • Dust Resistant Optics	

Museum/Exhibition	Simulation	Control Room	Digital Signage	Seminar Room/Lecture Room
 <b>1-Chip DLP™</b>	PT-DZ770K PT-DZ770LK** WIRED LAN WIDE 7,000 lm WUXGA	 <b>1-Chip DLP™</b>	PT-DW740S PT-DW740LS** WIRED LAN WIDE 7,000 lm WXGA	PT-DX810S PT-DX810LS** WIRED LAN 8,200 lm XGA
• RGB Booster • Eco Filter		• RGB Booster • Eco Filter	• RGB Booster • Eco Filter	
				 <b>1-Chip DLP™</b>
				• Geometric Adjustment • RGB Booster • Auto Cleaning Filter



Museum/Exhibition	Simulation	Digital Signage	Seminar Room/Lecture Room	Seminar Room/Lecture Room	Boardroom
 <b>1-Chip DLP™</b>	PT-DZ680 PT-DZ680L** WIRED LAN WIDE 6,000 lm WUXGA	PT-DW640 PT-DW640L** WIRED LAN WIDE 6,000 lm WXGA	PT-DX610 PT-DX610L** WIRED LAN 6,500 lm XGA	 <b>1-Chip DLP™</b>	PT-DZ570 option <sup>2</sup> WIRED LAN WIDE 4,000 lm WUXGA
(Available in silver / black cabinet) • RGB Booster • Eco Filter	(Available in silver / black cabinet) • RGB Booster • Eco Filter	(Available in silver / black cabinet) • RGB Booster • Eco Filter		• RGB Booster • 2x Zoom lens	option <sup>2</sup> WIRED LAN WIDE 4,000 lm WXGA
					option <sup>2</sup> WIRED LAN WIDE 4,500 lm XGA
					• RGB Booster • 2x Zoom lens

Museum/Exhibition	Digital Signage	Seminar Room/Lecture Room	Meeting Room
 <b>1-Chip DLP™</b>	PT-RZ475*3,4 NEW DIGITAL LINK WIRED LAN WIDE 3D PROFESSIONAL 3,000 lm Full HD	PT-RZ470 DIGITAL LINK WIRED LAN WIDE 3D PROFESSIONAL 3,500 lm Full HD	PT-RW430 DIGITAL LINK WIRED LAN WIDE 3D PROFESSIONAL 3,500 lm WXGA
• Short throw lens mounted • No lamp/filter replacement • DIGITAL LINK-ready • Portrait mode capability	(Available in white / black cabinet) • No lamp/filter replacement • DIGITAL LINK-ready • Portrait mode capability	(Available in white / black cabinet) • No lamp/filter replacement • DIGITAL LINK-ready • Portrait mode capability	
			 <b>1-Chip DLP™</b>
			• No lamp/filter replacement • DIGITAL LINK-ready
			PT-RW330 DIGITAL LINK WIRED LAN WIDE 3,500 lm WXGA
			• No lamp/filter replacement • DIGITAL LINK-ready

Seminar Room/Lecture Room	Boardroom	Seminar Room/Lecture Room	Meeting Room
 <b>LCD</b>	PT-EW630 PT-EW630L** WIRED LAN WIDE 5,500 lm WXGA	PT-EX600 PT-EX600L** WIRED LAN 6,000 lm XGA	PT-EW530 PT-EW530L** WIRED LAN WIDE 4,500 lm WXGA
• Interchangeable Lens • Intelligent Lamp Control • Eco Filter	• Interchangeable Lens • Intelligent Lamp Control • Eco Filter	• Interchangeable Lens • Intelligent Lamp Control • Eco Filter	• Interchangeable Lens • Intelligent Lamp Control • Eco Filter
			PT-EX500 PT-EX500L** WIRED LAN 5,000 lm XGA
			• Interchangeable Lens • Intelligent Lamp Control • Eco Filter

Seminar Room/Lecture Room	Boardroom	Meeting room
 <b>LCD</b>	PT-FX400 option <sup>2</sup> WIRED LAN WIDE 4,000 lm XGA	 <b>LCD</b>
• 2x Zoom lens • Eco Filter	• 2x Zoom lens • Eco Filter	• Full HD (1,920 x 1,080) • 2x Zoom lens

# Home Cinema

Home Theater Room	Living Room
 <b>LCD</b>	 <b>LCD</b>
PT-AE8000 PT-AT6000 WIRED LAN FULL HD 3D FULL HD 2,400 lm	PT-AR100 PT-AH1000 WIRED LAN FULL HD 2,800 lm
• Full HD (1,920 x 1,080) • Intelligent Lens Memory • 3D Motion Remaster	• Full HD (1,920 x 1,080) • Light Harmonizer 3

\*1: Lens-less model. \*2: To operate wireless projection, the optional wireless module ET-WM200 is required. \*3: The availability varies depending on the country. \*4: With no lens shift lever.

# Large-Venue

## PT-DZ21K



3-Chip DLP™ Projector

20,000 lm

WUXGA

WIRED LAN

3D PROFESSIONAL

\* Lens sold separately.

## PT-DS20K



3-Chip DLP™ Projector

20,000 lm

SXGA+

WIRED LAN

3D PROFESSIONAL

\* Lens sold separately.

	PT-DZ21K	PT-DS20K		
Optical	<b>Panel type</b>	24.4 mm (0.96 inches) DLP™ chip x 3	24.1 mm (0.95 inches) DLP™ chip x 3	
	<b>Aspect ratio</b>	16:10	4:3	
	<b>Lamp</b>	465 W UHM x 4	465 W UHM x 4	
	<b>Brightness</b>	20,000 lm	20,000 lm	
	<b>Contrast (full on/full off)</b>	10,000:1	10,000:1	
	<b>Resolution native/maximum*1</b>	WUXGA (1,920 x 1,200)	SXGA+ (1,400 x 1,050)/WUXGA (1,920 x 1,200)	
Interface	<b>Screen size (diagonal)**2</b>	1.78-25.4 m (70-1,000 inches)**4	1.78-25.4 m (70-1,000 inches)**4	
	<b>Lens shift</b>	Vertical: ±5%*5, horizontal: ±20%*5 [powered]	Vertical: ±50%*5, horizontal: ±30%*5 [powered]	
	<b>Terminals</b>	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)]	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	<b>Power supply</b>	200-240 V AC, 12 A, 50/60 Hz	200-240 V AC, 12 A, 50/60 Hz
		<b>Power consumption</b>	2,300 W	2,300 W
		<b>Dimensions (W x H x D)</b>	620 x 291*6 x 800 mm*7 (24-7/16 x 11-15/32*6 x 31-1/2 inches)*7	620 x 291*6 x 800 mm*7 (24-7/16 x 11-15/32*6 x 31-1/2 inches)*7
<b>Weight*3</b>		Approx. 43 kg/94.8 lbs	Approx. 43 kg/94.8 lbs	
Features	<b>Filter</b>	Eco Filter	Eco Filter	
	<b>Edge Blending</b>	Yes	Yes	
	<b>Geometric Adjustment</b>	Yes (Optional upgrade kit available)	Yes (Optional upgrade kit available)	
	<b>Multi-Unit Brightness Control</b>	Yes	Yes	
	<b>Portrait mode</b>	Yes*8	Yes*8	
	<b>Daylight View</b>	System Daylight View 2	System Daylight View 2	
	<b>Detail Clarity Processor</b>	Detail Clarity Processor 3	Detail Clarity Processor 3	
	<b>DICOM Simulation Mode</b>	Yes	Yes	
Accessory	<b>P-in-P</b>	Yes	Yes	
	<b>Replacement lamp</b>	ET-LAD510/ET-LAD510F (4 units) ET-LAD510P/ET-LAD510PF (for portrait mode)	ET-LAD510/ET-LAD510F (4 units) ET-LAD510P/ET-LAD510PF (for portrait mode)	
	<b>Optional accessories</b>	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)	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)	
	<b>Optional lens</b>	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-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)	
	<b>Standard accessories</b>	Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM**11	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% and horizontal ±15% with the ET-D75LE6. \*6: Height: with legs at shortest position. \*7: Depth: lens not included.

## PT-DW17K



## 3-Chip DLP™ Projector

17,000 lm

WXGA



\* Lens sold separately.

## PT-DZ13K

NEW



## 3-Chip DLP™ Projector

12,000 lm

WUXGA



\* Lens sold separately.

## PT-DS12K

NEW



## 3-Chip DLP™ Projector

12,000 lm

SXGA+



\* Lens sold separately.

21.6 mm (0.85 inches) DLP™ chip x 3 16:9 465 W UHM x 4 17,000 lm 10,000:1 WXGA (1,366 x 768)/WUXGA (1,920 x 1,200) 1.78-25.4 m (70-1,000 inches)* <sup>4</sup> Vertical: ±70 % <sup>10</sup> , horizontal: ±30 % <sup>10</sup> [powered]	24.4 mm (0.96 inches) DLP™ chip x 3 16:10 380 W UHM x 2 12,000 lm 10,000:1 WUXGA (1,920 x 1,200) 1.78-25.4 m (70-1,000 inches)* <sup>4</sup> Vertical: ±55 % <sup>9</sup> , horizontal: ±20 % <sup>5</sup> [powered]	24.1 mm (0.95 inches) DLP™ chip x 3 4:3 380 W UHM x 2 12,000 lm 10,000:1 SXGA+ (1,400 x 1,050)/WUXGA (1,920 x 1,200) 1.78-25.4 m (70-1,000 inches)* <sup>4</sup> Vertical: ±50 % <sup>9</sup> , horizontal: ±30 % <sup>9</sup> [powered]
DVI-D in [DVI-D 24-pin 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 (RGB/YPbPr/YCbCr 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)]	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 (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)]	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 (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)]
200-240 V AC, 12 A, 50/60 Hz 2,300 W 620 x 291 <sup>6</sup> x 800 mm <sup>7</sup> [24-7/16 x 11-15/32 <sup>6</sup> x 31-1/2 inches] <sup>7</sup> Approx. 43 kg/94.8 lbs	120 V AC, 9.3 A, 50/60 Hz 220-240 V AC, 5 A, 50/60 Hz 1,000 W (120 V AC)/970 W (220-240 V AC) 530 x 200 <sup>6</sup> x 548.5 mm <sup>7</sup> [20-7/8 x 7-7/8 <sup>6</sup> x 21-19/32 inches] <sup>7</sup> Approx. 24 kg/52.9 lbs	120 V AC, 9.1 A, 50/60 Hz 220-240 V AC, 4.8 A, 50/60 Hz 980 W (120 V AC)/950 W (220-240 V AC) 530 x 200 <sup>6</sup> x 548.5 mm <sup>7</sup> [20-7/8 x 7-7/8 <sup>6</sup> x 21-19/32 inches] <sup>7</sup> Approx. 24 kg/52.9 lbs
Eco Filter Yes - Yes Yes <sup>8</sup> System Daylight View 2 Detail Clarity Processor 3 Yes Yes	Eco Filter Yes Yes (Optional upgrade kit available) Yes Yes <sup>8</sup> System Daylight View 2 Detail Clarity Processor 3 Yes Yes	Eco Filter Yes Yes (Optional upgrade kit available) Yes Yes <sup>8</sup> System Daylight View 2 Detail Clarity Processor 3 Yes Yes
ET-LAD510/ET-LAD510F (4 units) ET-LAD510P/ET-LAD510PF (for portrait mode) 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-LAD310A/ET-LAD310AW (2 units) ET-LAD320P/ET-LAD320PW (for portrait mode) 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)	ET-LAD310A/ET-LAD310AW (2 units) ET-LAD320P/ET-LAD320PW (for portrait mode) 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)
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-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)	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)
Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM <sup>11</sup>	Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM <sup>11</sup>	Power cord, wireless/wired remote control unit, batteries for remote control unit, CD-ROM <sup>11</sup>

\*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

NEW



3-Chip DLP™ Projector

11,000 lm

WXGA



\* Lens sold separately.

PT-DZ10K

NEW



3-Chip DLP™ Projector

10,600 lm

WUXGA



\* Lens sold separately.

	PT-DW11K	PT-DZ10K		
Optical	<b>Panel type</b>	21.6 mm (0.85 inches) DLP™ chip x 3	24.4 mm (0.96 inches) DLP™ chip x 3	
	<b>Aspect ratio</b>	16:9	16:10	
	<b>Lamp</b>	380 W UHM x 2	355 W UHM x 2	
	<b>Brightness</b>	11,000 lm	10,600 lm	
	<b>Contrast (full on/full off)</b>	10,000:1	10,000:1	
	<b>Resolution native/maximum*1</b>	WXGA (1,366 x 768)/WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)	
Interface	<b>Screen size (diagonal)*2</b>	1.78-25.4 m (70-1,000 inches)*4	1.78-25.4 m (70-1,000 inches)*4	
	<b>Lens shift</b>	Vertical: ±70%*5, horizontal: ±30%*5 [powered]	Vertical: ±55%*5, horizontal: ±20%*5 [powered]	
	<b>Terminals</b>	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)]	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)]	
	General	<b>Power supply</b>	120 V AC, 9.1 A, 50/60 Hz 220-240 V AC, 4.8 A, 50/60 Hz	120 V AC, 9 A, 50/60 Hz 220-240 V AC, 4.7 A, 50/60 Hz
		<b>Power consumption</b>	980 W (120 V AC)/950 W (220-240 V AC)	925 W (120 V AC)/900 W (220-240 V AC)
		<b>Dimensions (W x H x D)</b>	530 x 200*6 x 548.5 mm*7 [20-7/8 x 7-7/8*6 x 21-19/32 inches]*7	530 x 200*6 x 548.5 mm*7 [20-7/8 x 7-7/8*6 x 21-19/32 inches]*7
<b>Weight*3</b>		Approx. 24 kg/52.9 lbs	Approx. 24 kg/52.9 lbs	
Features	<b>Filter</b>	Eco Filter	Eco Filter	
	<b>Edge Blending</b>	Yes	Yes	
	<b>Geometric Adjustment</b>	-	Yes	
	<b>Multi-Unit Brightness Control</b>	Yes	Yes	
	<b>Portrait mode</b>	Yes*8	Yes*8	
	<b>Daylight View</b>	System Daylight View 2	System Daylight View 2	
	<b>Detail Clarity Processor</b>	Detail Clarity Processor 3	Detail Clarity Processor 3	
	<b>DICOM Simulation Mode</b>	Yes	Yes	
	<b>P-in-P</b>	Yes	Yes	
Accessory	<b>Replacement lamp</b>	ET-LAD310A/ET-LAD310AW (2 units) ET-LAD320P/ET-LAD320PW (for portrait mode)	ET-LAD310A/ET-LAD310AW (2 units) ET-LAD320P/ET-LAD320PW (for portrait mode)	
	<b>Optional accessories</b>	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-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)	
	<b>Optional lens</b>	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)	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)	
	<b>Standard accessories</b>	Power cord, wireless/wired remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord, 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. \*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.



## PT-EX16K



LCD Projector		WIRED LAN	Pure Color Control
16,000 lm	XGA		

\* Lens sold separately.

46 mm (1.8 inches) LCD x 3  
4:3  
380 W UHM x 4  
16,000 lm  
2,500:1  
XGA (1,024 x 768)/WUXGA (1,920 x 1,200)  
1.02-15.24 m (40-600 inches)<sup>\*10</sup>  
Vertical: ±39%<sup>\*11</sup>, horizontal: ±10%<sup>\*11</sup> (powered)  
DVI-D in [DVI-D 24-pin 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/Y/PaPr/Y/CaCr 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]

200-240 V AC, 11 A, 50/60 Hz

1,850 W  
650 x 349 x 815 mm<sup>\*7</sup>  
(25-19/32 x 13-3/4 x 32-3/32 inches)<sup>\*7</sup>  
Approx. 46.5 kg/102.5 lbs  
Pleated Air Filter  
Yes  
-  
-  
-  
-  
-  
-  
-

ET-LAE16

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)  
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)

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<sup>\*12</sup>

## PT-EX12K



LCD Projector		WIRED LAN	Pure Color Control
13,000 lm	XGA		

\* Lens sold separately.

46 mm (1.8 inches) LCD x 3  
4:3  
380 W UHM x 2  
13,000 lm  
4,000:1  
XGA (1,024 x 768)/WUXGA (1,920 x 1,200)  
1.02-15.24 m (40-600 inches)<sup>\*10</sup>  
Vertical: ±39%<sup>\*11</sup>, horizontal: ±10%<sup>\*11</sup> (powered)  
DVI-D in [DVI-D 24-pin 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/Y/PaPr/Y/CaCr 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]

100-240 V AC, 11 A, 50/60 Hz

940 W  
538.5 x 268 x 757 mm<sup>\*7</sup>  
(21-7/32 x 10-9/16 x 29-3/16 inches)<sup>\*7</sup>  
Approx. 28 kg/61.7 lbs  
Eco Filter  
Yes  
-  
-  
-  
-  
-  
-  
-

ET-LAE12

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)  
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)

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<sup>\*12</sup>

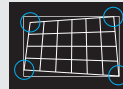
### Key Features

## Highly Reliable Features for Professional Use

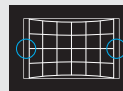
### Geometric Adjustment

This function adjusts the image for projection onto spherical, cylindrical and other specially shaped screens. You can easily make the adjustment using only remote control, with no external equipment needed. Optional upgrade kit featuring Geometry Manager Pro is also available for the PT-DZ21K/DS20K/DZ13K/DS12K/DZ870. New Geometric Adjustment for the PT-DZ13K/DS12K/DZ870 has 4-Corner Adjustment and Keep Aspect Off functions for simple and fine adjustment.

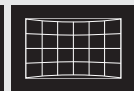
#### 4 Corner Adjust



#### Keep Aspect On/Off



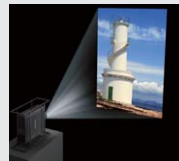
Keep aspect on.



Keep aspect off.

### Portrait Mode Capability [Option]

By mounting the optional lamp unit and updating the projector's firmware to MAIN Ver. 2.00 or later, the PT-DZ21K Series, PT-DZ13K Series or PT-DZ870 Series can be installed in portrait orientation with its terminal side surface facing downward.



Note: Please contact your sales representative for information on portrait orientation.

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

\*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.

# Installation

PT-DZ870  
PT-DZ870L\*4



1-Chip DLP™ Projector  
8,500 lm | WUXGA



PT-DW830  
PT-DW830L\*4



1-Chip DLP™ Projector  
8,500 lm | WXGA



Optical

Panel type	17 mm [0.67 inches] DLP™ chip x 1	16.5 mm [0.65 inches] DLP™ chip x 1
Aspect ratio	16:10	16:10
Lamp	420 W UHM x 2	420 W UHM x 2
Brightness	8,500 lm	8,500 lm
Lens (throw ratio)	F 1.7-1.9, f 25.6-35.7 mm [1.7-2.4:1] (PT-DZ870)	F 1.7-1.9, f 25.6-35.7 mm [1.8-2.5:1] (PT-DW830)
Contrast (full on/full off)	10,000:1	10,000:1
Resolution native/maximum*1	WUXGA [1,920 x 1,200]	WXGA [1,280 x 800]/WUXGA [1,920 x 1,200]
Screen size (diagonal)*2	1.27-15.24 m [50-600 inches]*5	1.27-15.24 m [50-600 inches]*5
Lens shift	Vertical: +50 %, horizontal: ±10 % [powered]	Vertical: +60 %, horizontal: ±10 % [powered]

Interface

Terminals	<p>SDI in [BNC x 1 [3G/HD/SD-SDI x 1]]</p> <p>DVI-D in [DVI-D 24-pin x 1 [DVI-D x 1 [HDCP compatible]]]</p> <p>HDMI in [HDMI 19-pin x 1 [HDCP compatible]]</p> <p>RGB 1 in [BNC x 5 [RGB/YPr/YCbCr x 1]]</p> <p>RGB 2 in [D-sub HD 15-pin x 1 [RGB/YPr/YCbCr x 1]]</p> <p>Composite video in [BNC x 1]</p> <p>3D SYNC in/out [BNC x 1 [3D timing signal]]</p> <p>3D SYNC out [BNC x 1 [3D timing signal]]</p> <p>Serial in [D-sub 9-pin x 1 [RS-232C]]</p> <p>Serial out [D-sub 9-pin x 1 [RS-232C]]</p> <p>Remote 1 in/out [M3 x 2 [in x 1, out x 1]]</p> <p>Remote 2 in [D-sub 9-pin x 1]</p> <p>LAN/DIGITAL LINK</p> <p>[RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible, Art-net]</p>	<p>DVI-D in [DVI-D 24-pin x 1 [DVI-D x 1 [HDCP compatible]]]</p> <p>HDMI in [HDMI 19-pin x 1 [HDCP compatible]]</p> <p>RGB 1 in [BNC x 5 [RGB/YPr/YCbCr x 1]]</p> <p>RGB 2 in [D-sub HD 15-pin x 1 [RGB/YPr/YCbCr x 1]]</p> <p>Composite video in [BNC x 1]</p> <p>3D SYNC in/out [BNC x 1 [3D timing signal]]</p> <p>3D SYNC out [BNC x 1 [3D timing signal]]</p> <p>Serial in [D-sub 9-pin x 1 [RS-232C]]</p> <p>Serial out [D-sub 9-pin x 1 [RS-232C]]</p> <p>Remote 1 in/out [M3 x 2 [in x 1, out x 1]]</p> <p>Remote 2 in [D-sub 9-pin x 1]</p> <p>LAN/DIGITAL LINK</p> <p>[RJ-45 x 1, for network/DIGITAL LINK connection, 100Base-TX, HDCP compatible, Art-net]</p>
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General

Power supply	120-240 V AC, 10-5.2 A, 50/60 Hz	120-240 V AC, 10-5.2 A, 50/60 Hz
Power consumption	1,030 W	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	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)	Approx. 18.3 kg/40.3 lbs (PT-DW830L: approx. 17.6 kg/38.8 lbs)

Features

Filter	Filter-less for Optics	Filter-less for Optics
Edge Blending	Yes	Yes
Geometric Adjustment	Yes [Optional upgrade kit available]	-
Portrait mode	Yes*10	Yes*10
RGB Booster	Yes [Dynamic RGB Booster]	Yes [Dynamic RGB Booster]
Daylight View	System Daylight View 2	System Daylight View 2
Detail Clarity Processor	Detail Clarity Processor 3	Detail Clarity Processor 3
DICOM Simulation Mode	Yes	Yes
Side-by-Side	-	-

Accessory

Replacement lamp	ET-LAD120/ET-LAD120W (2 units) ET-LAD120P/ET-LAD120PW (for portrait mode)	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]	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, 1.3-1.9:1] 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]	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	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.



**PT-DX100**  
**PT-DX100L\*4**

**1-Chip DLP™ Projector**


10,000 lm | XGA

**PT-DZ770K**  
**PT-DZ770LK\*4**

**1-Chip DLP™ Projector**


7,000 lm | WUXGA

**PT-DW740S**  
**PT-DW740LS\*4**

**1-Chip DLP™ Projector**


7,000 lm | WXGA

17.8 mm (0.7 inches) DLP™ chip x 1  
4:3  
420 W UHM x 2  
10,000 lm  
F 1.7-1.9, f.25.6-35.7 mm (1.8-2.5:1) [PT-DX100]  
10,000:1  
XGA (1,024 x 768)/WUXGA (1,920 x 1,200)  
1.27-15.24 m (50-600 inches)\*5  
Vertical: +50 %<sup>6</sup>, horizontal: ±10 % [powered]

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/YCbCr x 1]]  
RGB 2 in [D-sub HD 15-pin x 1 [RGB/YpPr/YCbCr 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]

120-240 V AC, 10-5.2 A, 50/60 Hz

1,030 W

 498 x 200\*7 x 556 mm\*8  
[19-19/32 x 7-7/8\*7 x 21-7/8 inches]\*8

 Approx. 18.3 kg/40.3 lbs  
[PT-DX100L: approx. 17.6 kg/38.8 lbs]

Filter-less for Optics

Yes

-

Yes\*10

Yes [Dynamic RGB Booster]

System Daylight View 2

Detail Clarity Processor 3

Yes

-

 ET-LAD120/ET-LAD120W (2 units)  
ET-LAD120P/ET-LAD120PW (for portrait mode)

 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-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]

 Power cord, power cord secure lock,  
wireless/wired remote control unit,  
batteries for remote control unit, CD-ROM\*\*11

17.0 mm [0.67 inches] DLP™ chip x 1  
16:10  
300 W [max 310 W] UHM x 2  
7,000 lm  
F 1.7-1.9, f.25.6-35.7 mm (1.7-2.4:1) [PT-DZ770K]  
2,500:1 [contrast mode: high]  
WUXGA (1,920 x 1,200)  
1.27-15.24 m (50-600 inches)\*5  
Vertical: +50 %, horizontal: ±10 % [powered]

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/YCbCr x 1]]  
RGB 2 in [D-sub HD 15-pin x 1 [RGB/YpPr/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)]

 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]

 498 x 175\*7 x 466 mm\*9  
[19-19/32 x 6-7/8\*7 x 18-11/32 inches]\*9

 Approx. 16.3 kg/35.9 lbs  
[PT-DZ770LK: approx. 15.4 kg/34.0 lbs]

Eco Filter

Yes

-

Yes

System Daylight View 2

Detail Clarity Processor

Yes

Yes

 ET-LAD60A  
ET-LAD60AW (2 units)

 ET-PKD56H [High ceiling mount bracket]  
ET-PKD55S [Low ceiling mount bracket]  
ET-EMF300 [Replacement filter unit]

 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]

 Power cord, power cord secure lock,  
wireless/wired remote control unit,  
batteries for remote control unit, CD-ROM\*\*11

16.5 mm [0.65 inches] DLP™ chip x 1  
16:10  
300 W [max 310 W] UHM x 2  
7,000 lm  
F 1.7-1.9, f.25.6-35.7 mm (1.8-2.5:1) [PT-DW740S]  
2,500:1 [contrast mode: high]  
WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)  
1.27-15.24 m (50-600 inches)\*5  
Vertical: +60 %, horizontal: ±10 % [powered]

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/YCbCr x 1]]  
RGB 2 in [D-sub HD 15-pin x 1 [RGB/YpPr/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)]

 120 V AC, 7.5 A, 50/60 Hz  
220-240 V AC, 4.3 A, 50/60 Hz

 790 W [120 V AC]/760 W [220-240 V AC]  
498 x 175\*7 x 466 mm\*9  
[19-19/32 x 6-7/8\*7 x 18-11/32 inches]\*9

 Approx. 16.3 kg/35.9 lbs  
[PT-DW740LS: approx. 15.4 kg/34.0 lbs]

Eco Filter

Yes

-

Yes

System Daylight View 2

Detail Clarity Processor 2

Yes

Yes

 ET-LAD60A  
ET-LAD60AW (2 units)

 ET-PKD56H [High-ceiling mount bracket]  
ET-PKD55S [Low-ceiling mount bracket]  
ET-EMF300 [Replacement filter unit]

 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]

 Power cord, power cord secure lock,  
wireless/wired remote control unit,  
batteries for remote control unit, CD-ROM\*\*11

\*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 WLED LAN

PT-DZ6710  
PT-DZ6710L\*4



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

	PT-DX810S PT-DX810LS*4	PT-DZ6710 PT-DZ6710L*4	
Optical	Panel type	17.8 mm (0.7 inches) DLP™ chip x 1	17.0 mm (0.67 inches) DLP™ chip x 1
	Aspect ratio	4:3	16:10
	Lamp	300 W (max 310 W) UHM x 2	300 W UHM x 2
	Brightness	8,200 lm	6,000 lm
	Lens (throw ratio)	F 1.7-1.9, f.25.6-35.7 mm (1.8-2.5:1) [PT-DX810S]	F 1.7-2.0, f.26.8-35.7 mm (1.8-2.4:1) [PT-DZ6710]
	Contrast (full on/full off)	2,000:1 (contrast mode: high)	2,000:1 (contrast mode: high)
	Resolution native/maximum*1	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)	WUXGA (1,920 x 1,200)
	Screen size (diagonal)*2	1.27-15.24 m (50-600 inches)*5	1.27-15.24 m (50-600 inches)*5
Lens shift	Vertical: +50%*6, horizontal: ±10% (powered)	Vertical: +50%, horizontal: ±10% (powered)	
	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)]	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))] 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	120 V AC, 8.0 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)	820 W (120 V AC) 800 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	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. 16.3 kg/35.9 lbs (PT-DX810LS: approx. 15.4 kg/34.0 lbs)	Approx. 16.0 kg/35.3 lbs (PT-DZ6710L: approx. 15.2 kg/33.5 lbs)
Features	Filter	Eco Filter	Auto Cleaning Filter
	Edge Blending	Yes	Yes
	Geometric Adjustment	-	Yes
	Emulation	-	-
	RGB Booster	Yes	Yes
	Daylight View	System Daylight View 2	System Daylight View 2
	Detail Clarity Processor	Detail Clarity Processor	Detail Clarity Processor
	DICOM Simulation Mode	Yes	-
Side-by-Side	-	Yes (Aspect ratio 16:10)	
Accessory	Replacement lamp	ET-LAD60A/ET-LAD60AW (2 units)	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)	ET-PKD56H (High ceiling mount bracket) ET-PKD55S (Low ceiling mount bracket) ET-ACF100 (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)	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)
	Standard accessories	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM*9	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, drop prevention kit, 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.

**PT-DZ680**  
**PT-DZ680L\*<sup>4</sup>**

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

\* Available in silver/black cabinet.

**PT-DW640**  
**PT-DW640L\*<sup>4</sup>**

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

\* Available in silver/black cabinet.

**PT-DX610**  
**PT-DX610L\*<sup>4</sup>**

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

\* Available in silver/black cabinet.

17.0 mm [0.67 inches] DLP™ chip x 1 16:10 280 W UHM x 2 6,000 lm F 1.7-2.0, f 26.8-35.7 mm [1.8-2.4:1] [PT-DZ680] 2,000:1 [contrast mode: high] WUXGA [1,920 x 1,200] 1.27-15.24 m [50-600 inches]* <sup>5</sup> Vertical: +50 %, horizontal: ±10 % [powered]	16.5 mm [0.65 inches] DLP™ chip x 1 16:10 280 W UHM x 2 6,000 lm F 1.7-2.0, f 25.6-33.8 mm [1.8-2.4:1] [PT-DW640] 2,000:1 [contrast mode: high] WXGA [1,280 x 800]/WUXGA [1,920 x 1,200] 1.27-15.24 m [50-600 inches]* <sup>5</sup> Vertical: +60 %, horizontal: ±10 % [powered]	17.8 mm [0.7 inches] DLP™ chip x 1 4:3 280 W UHM x 2 6,500 lm F 1.7-2.0, f 25.6-33.8 mm [1.8-2.4:1] [PT-DX610] 2,000:1 [contrast mode: high] XGA [1,024 x 768]/WUXGA [1,920 x 1,200] 1.27-15.24 m [50-600 inches]* <sup>5</sup> Vertical: +50 %* <sup>6</sup> , horizontal: ±10 % [powered]
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]]	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]]	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]]
120 V AC, 7.3 A, 50/60 Hz 220-240 V AC, 4.0 A, 50/60 Hz 750 W [120 V AC] 730 W [220-240 V AC] 498 x 175* <sup>7</sup> x 440 mm* <sup>8</sup> [19-19/32 x 6-7/8* <sup>7</sup> x 17-5/16 inches]* <sup>8</sup> Approx. 16.0 kg/35.3 lbs [PT-DZ680L: approx. 15.1 kg/33.3 lbs]	120 V AC, 6.8 A, 50/60 Hz 220-240 V AC, 3.8 A, 50/60 Hz 710 W [120 V AC] 690 W [220-240 V AC] 498 x 175* <sup>7</sup> x 440 mm* <sup>8</sup> [19-19/32 x 6-7/8* <sup>7</sup> x 17-5/16 inches]* <sup>8</sup> Approx. 16.0 kg/35.3 lbs [PT-DW640L: approx. 15.1 kg/33.3 lbs]	120 V AC, 6.8 A, 50/60 Hz 220-240 V AC, 3.8 A, 50/60 Hz 710 W [120 V AC] 690 W [220-240 V AC] 498 x 175* <sup>7</sup> x 440 mm* <sup>8</sup> [19-19/32 x 6-7/8* <sup>7</sup> x 17-5/16 inches]* <sup>8</sup> Approx. 16.0 kg/35.3 lbs [PT-DX610L: approx. 15.1 kg/33.3 lbs]
Eco Filter Yes - - Yes System Daylight View 2 Detail Clarity Processor Yes Yes [Aspect ratio 16:10]	Eco Filter Yes - - Yes System Daylight View 2 Detail Clarity Processor Yes Yes [Aspect ratio 16:10]	Eco Filter Yes - - Yes System Daylight View 2 Detail Clarity Processor Yes -
ET-LAD60A/ET-LAD60AW [2 units] ET-PKD56H [High ceiling mount bracket] ET-PKD55S [Low ceiling mount bracket] ET-EMF300 [Replacement filter unit]	ET-LAD60A/ET-LAD60AW [2 units] ET-PKD56H [High ceiling mount bracket] ET-PKD55S [Low ceiling mount bracket] ET-EMF300 [Replacement filter unit]	ET-LAD60A/ET-LAD60AW [2 units] ET-PKD56H [High ceiling mount bracket] ET-PKD55S [Low ceiling mount bracket] ET-EMF300 [Replacement filter unit]
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]	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]	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]
Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM* <sup>9</sup>	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM* <sup>9</sup>	Power cord, power cord secure lock, wireless/wired remote control unit, batteries for remote control unit, CD-ROM* <sup>9</sup>

 \*<sup>7</sup>: Height: with legs at shortest position.

 \*<sup>8</sup>: Depth: including the supplied lens. Depth: 432 mm [17 inches] for the lens-less models.

 \*<sup>9</sup>: CD-ROM includes Logo Transfer Software and Multi Projector Monitoring and Control Software.

# Installation

## PT-DZ570



**1-Chip DLP™ Projector** option<sup>4</sup>  
 4,000 lm WUXGA **WIRED LAN** **WIRELESS**

## PT-DW530



**1-Chip DLP™ Projector** option<sup>4</sup>  
 4,000 lm WXGA **WIRED LAN** **WIRELESS**

Optical	<b>Panel type</b>	17.0 mm (0.67 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1	
	<b>Aspect ratio</b>	16:10	16:10	
	<b>Lamp</b>	300 W (max 310 W) UHM	300 W (max 310 W) UHM	
	<b>Brightness</b>	4,000 lm	4,000 lm	
	<b>Lens (throw ratio)</b>	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)	
Interface	<b>Contrast (full on/full off)</b>	2,000:1	2,000:1	
	<b>Resolution native/maximum*1</b>	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	
	<b>Screen size (diagonal)*2</b>	1.02-7.62 m (40-300 inches)	1.02-7.62 m (40-300 inches)	
	<b>Screen shift</b>	Vertical: +60 %, horizontal: ±10 % (manual)	Vertical: +70 %, horizontal: ±10 % (manual)	
	<b>Built-in speaker</b>	-	-	
General	<b>Terminals</b>	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/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] 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/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] 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]	
	<b>Power supply</b>	100-240 V AC, 5.0-1.9 A, 50/60 Hz	100-240 V AC, 5.0-1.9 A, 50/60 Hz	
	<b>Power consumption</b>	415 W	415 W	
	<b>Dimensions (W x H x D)</b>	332 x 168 <sup>5</sup> x 484.5 mm <sup>6</sup> (13-1/16 x 6-5/8 <sup>5</sup> x 19-1/16 inches) <sup>6</sup>	332 x 168 <sup>5</sup> x 484.5 mm <sup>6</sup> (13-1/16 x 6-5/8 <sup>5</sup> x 19-1/16 inches) <sup>6</sup>	
	<b>Weight*3</b>	Approx. 8.5 kg/18.7 lbs	Approx. 8.5 kg/18.7 lbs	
	Features	<b>Emulation</b>	Yes	Yes
		<b>RGB Booster</b>	Yes	Yes
		<b>Daylight View</b>	Daylight View Premium	Daylight View Premium
		<b>Detail Clarity Processor</b>	Detail Clarity Processor 3	Detail Clarity Processor 3
		<b>DICOM Simulation Mode</b>	Yes	Yes
		<b>Side-by-Side</b>	Yes (Aspect ratio 16:10)	Yes (Aspect ratio 16:10)
		<b>Wireless Ready</b>	Wireless Manager ME 5.5 <sup>4</sup> , iOS <sup>4</sup> , Android <sup>4</sup>	Wireless Manager ME 5.5 <sup>4</sup> , iOS <sup>4</sup> , Android <sup>4</sup>
<b>Audio Out During Standby</b>		Yes	Yes	
Accessory	<b>Replacement lamp</b>	ET-LAD60A ET-LAD60AW (2 units)	ET-LAD60A ET-LAD60AW (2 units)	
	<b>Optional accessories</b>	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)	
	<b>Standard accessories</b>	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 5.5)	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 5.5)	

\*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.

# PT-DX500



**1-Chip DLP™ Projector**  
4,500 lm XGA

option\*4  
**WIRED LAN**  
**WIRELESS**

17.8 mm (0.7 inches) DLP™ chip x 1  
4:3  
300 W (max 310 W) UHM  
4,500 lm  
F 2.0-3.4, f 21.5-43.0 mm (1.51-3.05:1)  
2,000:1  
XGA (1,024 x 768)/WUXGA (1,920 x 1,200)  
1.02-7.62 m (40-300 inches)  
Vertical: +60 %, horizontal: ±10 % (manual)

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/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]  
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]

100-240 V AC, 5.0-1.9 A, 50/60 Hz  
415 W

332 x 168\*5 x 484.5 mm\*6  
(13-1/16 x 6-5/8\*5 x 19-1/16 inches)\*6

Approx. 8.5 kg/18.7 lbs

Yes

Yes

Daylight View Premium

Detail Clarity Processor 3

Yes

-

Wireless Manager ME 5.5\*4, iOS\*4, Android\*4

Yes

ET-LAD60A

ET-LAD60AW (2 units)

ET-PKD110H (High ceiling mount bracket)

ET-PKD110S (Low ceiling mount bracket)

ET-WM200 (Wireless module)

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 5.5)

## 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

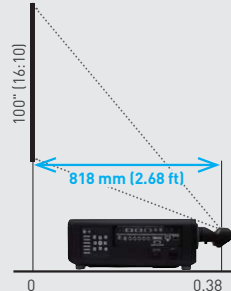
The ET-DLE030 ultra short-throw lens lets the PT-DZ870 provide 100-inch wide screen images with a projection distance of 818 mm (2.68 ft). This enables installation in tight spaces.



ET-DLE030

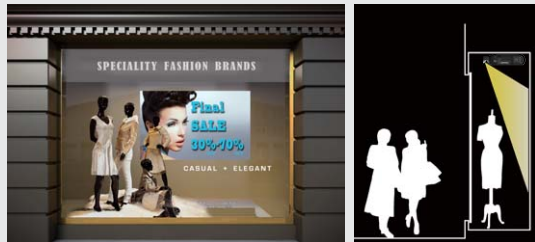


PT-DZ870 with ET-DLE030



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.

\*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.

# Installation

PT-RZ475

NEW



1-Chip DLP™ Projector

WIRED LAN

3D PROFESSIONAL

3,000 lm

Full HD

PT-RZ470



1-Chip DLP™ Projector

WIRED LAN

3D PROFESSIONAL

3,500 lm

Full HD

\* Available in white/black cabinet.

Optical	Panel type	16.5 mm (0.65 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1
	Aspect ratio	16:9	16:9
	Light source	LED/Laser-combined (R, B: LED; G: Laser diode)	LED/Laser-combined (R, B: LED; G: Laser diode)
	Brightness	3,000 lm	3,500 lm
	Lens (throw ratio)	F 1.8, f 11.9 mm (0.8:1)	F 2.0-3.4, f 21.5-43.0 mm (1.46-2.94:1)
	Contrast (full on/full off)	20,000:1	20,000:1
	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	1.02-5.08 m (40-200 inches)	1.02-7.62 m (40-300 inches)
Lens shift	Vertical: ±10 %, horizontal: ±3.4 % (manual)	Vertical: +73 %/-48 %, horizontal: +27 %/-35 % (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/YpPr/YCbCr x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/YpPr/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/YpPr/YCbCr x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/YpPr/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)]
	Power supply	100-240 V AC, 5.0-1.8 A, 50/60 Hz	100-240 V AC, 5.2-2.0 A, 50/60 Hz
	Power consumption	430 W (Normal/ECO1: 230 W, ECO2: 170 W) *5	460 W (Normal: 250 W, ECO1: 200 W, ECO2: 178 W) *5
	Dimensions (W x H x D)	455 x 137 <sup>6</sup> x 409 mm*7 (17-29/32 x 5-13/32 <sup>6</sup> x 16-3/32 inches)*7	455 x 137 <sup>6</sup> x 415 mm*7 (17-29/32 x 5-13/32 <sup>6</sup> x 16-11/32 inches)*7
	Weight*3	Approx. 11.5 kg/25.4 lbs	Approx. 11.0 kg/24.3 lbs
	Maintenance-free duration	3 years (Normal)*4	20,000 hours*4
	Edge Blending	Yes	Yes
Features	Emulation	Yes	Yes
	Daylight View	Daylight View Basic	Daylight View Basic
	3D Ready	Yes	Yes
	DICOM Simulation Mode	Yes	Yes
	Portrait Mode	Yes	Yes
	Audio Out During Standby	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)
	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)

\*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.



## PT-RW430



1-Chip DLP™ Projector



3,500 lm

WXGA

\* Available in white/black cabinet.

## PT-RZ370



1-Chip DLP™ Projector



3,500 lm

Full HD

16.5 mm (0.65 inches) DLP™ chip x 1

16:9

LED/Laser-combined (R, B: LED; G: Laser diode)

3,500 lm

F 2.0-3.4, f21.5-43.0 mm (1.46-2.94:1)

10,000:1

Full HD (1,920 x 1,080)/WUXGA (1,920 x 1,200)

1.02-7.62 m (40-300 inches)

Vertical: +73%/ -48 %, horizontal: +27 %/ -35 % (manual)

HDMI in [HDMI 19-pin x 1 (HDCP compatible)]

DVI-I in [DVI-I 29-pin x 1

(Digital: HDCP compatible)

[Analog: RGB/YpPr/YCbCr x 1]]

Computer in [D-sub HD 15-pin x 1

[RGB/YpPr/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)]

100-240 V AC, 5.2-2.0 A, 50/60 Hz

460 W (Normal: 250 W, ECO1: 200 W, ECO2: 178 W)<sup>\*5</sup>

455 x 137<sup>\*6</sup> x 415 mm<sup>\*7</sup>

(17-29/32 x 5-13/32<sup>\*6</sup> x 16-11/32 inches)<sup>\*7</sup>

Approx. 11.0 kg/24.3 lbs

20,000 hours<sup>\*4</sup>

Yes

Yes

Daylight View Basic

Yes

Yes

Yes

Yes

ET-PKR100H (High ceiling mount bracket)

ET-PKR100S (Low ceiling mount bracket)

ET-PKR100P (Portrait mode mount bracket)

ET-YFB100G [Digital Interface Box]

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)

## PT-RW330



1-Chip DLP™ Projector



3,500 lm

WXGA

16.5 mm (0.65 inches) DLP™ chip x 1

16:10

LED/Laser-combined (R, B: LED; G: Laser diode)

3,500 lm

F 2.0-3.4, f21.5-43.0 mm (1.53-3.09:1)

10,000:1

WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)

1.02-7.62 m (40-300 inches)

Vertical: +69 %/ -46 %, horizontal: +28 %/ -37 % (manual)

HDMI in [HDMI 19-pin x 1 (HDCP compatible)]

DVI-I in [DVI-I 29-pin x 1

(Digital: HDCP compatible)

[Analog: RGB/YpPr/YCbCr x 1]]

Computer in [D-sub HD 15-pin x 1

[RGB/YpPr/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]

100-240 V AC, 5.2-2.0 A, 50/60 Hz

460 W (Normal: 250 W, ECO1: 200 W, ECO2: 178 W)<sup>\*5</sup>

455 x 137<sup>\*6</sup> x 415 mm<sup>\*7</sup>

(17-29/32 x 5-13/32<sup>\*6</sup> x 16-11/32 inches)<sup>\*7</sup>

Approx. 11.0 kg/24.3 lbs

20,000 hours<sup>\*4</sup>

Yes

Yes

Daylight View Basic

Yes

Yes

Yes

Yes

ET-PKR100H (High ceiling mount bracket)

ET-PKR100S (Low ceiling mount bracket)

ET-PKR100P (Portrait mode mount bracket)

ET-YFB100G [Digital Interface Box]

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)

\*4: A guideline for light source replacement. The maintenance-free duration may be shortened due to environmental conditions.  
\*5: In STANDARD/GRAPHIC picture mode. Measured based on the power consumption rate and a measurement method for the TV receiver. \*6: Height: with legs at shortest position. \*7: Depth: including the lens.

# Installation

PT-EZ570  
PT-EZ570L\*4



LCD Projector  
5,000 lm WUXGA WIRED LAN

PT-EW630  
PT-EW630L\*4



LCD Projector  
5,000 lm WXGA WIRED LAN

Optical	Panel type	19.2 mm (0.76 inches) LCD x 3	19.0 mm (0.75 inches) LCD x 3
	Aspect ratio	16:10	16:10
	Lamp	330 W UHM	330 W UHM
	Brightness	5,000 lm	5,000 lm
	Lens (throw ratio)	F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) (PT-EZ570)	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	5,000:1
	Resolution native/maximum*1	WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)
	Screen size (diagonal) <sup>2</sup>	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]	
Interface	Built-in speaker	10.0 W (monaural)	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/YpPr/YCaCr x 1]] Composite/Component Video in [Pin jack x 3 [Video/YpPr/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]]	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/YpPr/YCaCr x 1]] Composite/Component Video in [Pin jack x 3 [Video/YpPr/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]]
	Power supply	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	Power consumption	490 W	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	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)	Approx. 10.3 kg/22.7 lbs (PT-EW630L: approx. 9.6 kg/21.2 lbs)
	Filter	Eco Filter	Eco Filter
	Intelligent Lamp Control	Yes	Yes
	Emulation	-	-
	RGB Booster	-	-
	Daylight View	Daylight View Basic	Daylight View Basic
	Detail Clarity Processor	-	-
Side-by-Side	Yes [Aspect ratio 16:10]	Yes [Aspect ratio 16:10]	
Audio Out During Standby	Yes	Yes	
Accessory	Replacement lamp	ET-LAE200	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)	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)	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, 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)	Power cord, 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.

**PT-EX600**  
**PT-EX600L\*4**


LCD Projector

6,000 lm

XGA

WIRED  
LAN
**PT-EW530**  
**PT-EW530L\*4**


LCD Projector

4,500 lm

WXGA

WIRED  
LAN
**PT-EX500**  
**PT-EX500L\*4**


LCD Projector

5,000 lm

XGA

WIRED  
LAN

20.0 mm (0.8 inches) LCD x 3 4:3 330 W UHM 6,000 lm F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) (PT-EX600) 5,000:1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) 1.02-10.16 m (40-400 inches) Vertical: ±50 %, horizontal: ±10 % [powered] 10.0 W (monaural)	19.0 mm (0.75 inches) LCD x 3 16:10 330 W UHM 4,500 lm F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) (PT-EW530) 2,000:1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) 1.02-10.16 m (40-400 inches) Vertical: ±60 %, horizontal: ±10 % [powered] 10.0 W (monaural)	20.0 mm (0.8 inches) LCD x 3 4:3 330 W UHM 5,000 lm F 1.7-2.3, f 26.9-45.4 mm (1.7-2.8:1) (PT-EX500) 2,000:1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) 1.02-10.16 m (40-400 inches) Vertical: ±50 %, horizontal: ±10 % [powered] 10.0 W (monaural)
DVI-D in [DVI-D 24-pin 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)] Composite/Component Video in [Pin jack x 3 (Video/YPbPr/YCbCr 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)]	DVI-D in [DVI-D 24-pin 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)] Composite/Component Video in [Pin jack x 3 (Video/YPbPr/YCbCr 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)]	DVI-D in [DVI-D 24-pin 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)] Composite/Component Video in [Pin jack x 3 (Video/YPbPr/YCbCr 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)]
100-240 V AC, 50/60 Hz 490 W 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	100-240 V AC, 50/60 Hz 490 W 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	100-240 V AC, 50/60 Hz 490 W 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
Approx. 10.3 kg/22.7 lbs (PT-EX600L: approx. 9.6 kg/21.2 lbs)	Approx. 10.2 kg/22.5 lbs (PT-EW530L: approx. 9.5 kg/20.9 lbs)	Approx. 10.2 kg/22.5 lbs (PT-EX500L: approx. 9.5 kg/20.9 lbs)
Eco Filter Yes - - Daylight View Basic - - Yes	Eco Filter Yes - - Daylight View Basic - Yes [Aspect ratio 16:10] Yes	Eco Filter Yes - - Daylight View Basic - - Yes
ET-LAE200 ET-PKE200H (High ceiling mount bracket) ET-PKE200S (Low ceiling mount bracket) ET-PKE200B (Bracket assembly) ET-RFE200 (Replacement filter unit)	ET-LAE200 ET-PKE200H (High ceiling mount bracket) ET-PKE200S (Low ceiling mount bracket) ET-PKE200B (Bracket assembly) ET-RFE200 (Replacement filter unit)	ET-LAE200 ET-PKE200H (High ceiling mount bracket) ET-PKE200S (Low ceiling mount bracket) ET-PKE200B (Bracket assembly) ET-RFE200 (Replacement filter unit)
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)	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)	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)
Power cord, 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)	Power cord, 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)	Power cord, 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)

\*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** option<sup>4</sup>  
 3,500 lm WXGA **WIRED LAN** **WIRELESS**

## PT-FX400



**LCD Projector** option<sup>4</sup>  
 4,000 lm XGA **WIRED LAN** **WIRELESS**

Optical	<b>Panel type</b>	18.9 mm (0.74 inches) LCD x 3	20.3 mm (0.8 inches) LCD x 3
	<b>Aspect ratio</b>	16:10	4:3
	<b>Lamp</b>	250 W UHM	250 W UHM
	<b>Brightness</b>	3,500 lm	4,000 lm
	<b>Lens (throw ratio)</b>	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)
	<b>Contrast (full on/full off)</b>	600:1	600:1
	<b>Resolution native/maximum*1</b>	WXGA [1,280 x 800]/WUXGA [1,920 x 1,200]	XGA [1,024 x 768]/WUXGA [1,920 x 1,200]
	<b>Screen size (diagonal)*2</b>	0.84-7.62 m (33-300 inches)	0.84-7.62 m (33-300 inches)
	<b>Lens shift</b>	Vertical ±51 %, horizontal ±24 % [manual]	Vertical ±50 %, horizontal ±27 % [manual]
Interface	<b>Built-in speaker</b>	5.0 W (monaural)	5.0 W (monaural)
	<b>Terminals</b>	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] DVI-I in [DVI-I 29-pin x 1 (Digital: HDCP compatible) (Analog: RGB/YpPr/YcCr x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/YpPr/YcCr 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/YpPr/YcCr x 1)] Computer in [D-sub HD 15-pin x 1 (RGB/YpPr/YcCr 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	<b>Power supply</b>	100-240 V AC, 3.9-1.4 A, 50/60 Hz	100-240 V AC, 3.9-1.4 A, 50/60 Hz
	<b>Power consumption</b>	330 W	330 W
	<b>Dimensions (W x H x D)</b>	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]
	<b>Weight*3</b>	Approx. 6.0 kg/13.2 lbs	Approx. 6.0 kg/13.2 lbs
Features	<b>Filter</b>	Eco Filter	Eco Filter
	<b>Emulation</b>	Yes	Yes
	<b>RGB Booster</b>	-	-
	<b>Daylight View</b>	Daylight View Premium	Daylight View Premium
	<b>Detail Clarity Processor</b>	Detail Clarity Processor 3	Detail Clarity Processor 3
	<b>DICOM Simulation Mode</b>	-	-
	<b>Side-by-Side</b>	Yes (Aspect ratio 16:10)	-
	<b>Wireless Ready</b>	Wireless Manager ME 5.5*4, iOS*4, Android*4	Wireless Manager ME 5.5*4, iOS*4, Android*4
	<b>Audio Out During Standby</b>	Yes	Yes
Accessory	<b>Replacement lamp</b>	ET-LAF100A	ET-LAF100A
	<b>Optional accessories</b>	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)
	<b>Standard accessories</b>	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 5.5]	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 5.5]

\*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.

# PT-LZ370



**LCD Projector**  
 3,000 lm Full HD **WIRED LAN**

- 18.7 mm (0.74 inches) LCD x 3
- 16:9
- 280 W UHM
- 3,000 lm
- F 2.0-3.4, f 21.5-43.0 mm (1.33-2.69:1)
- 10,000:1
- Full HD (1,920 x 1,080)/WUXGA (1,920 x 1,200)
- 1.02-7.62 m (40-300 inches)
- Vertical ±65 %, horizontal ±26 % (manual)
- 
- HDMI in [HDMI 19-pin x 2 (HDCP compatible)]
- Computer in [D-sub HD 15-pin x 1 (RGB/YPrPr/YCbCr x 1)]
- Component in [Pin jack x 3 (YPbPr/YCbCr x 1)]
- Composite video in [Pin jack x 1]
- S-Video in [Mini-DIN 4-pin 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 [RJ-45 x 1 (10Base-T/100Base-TX)]

- 100-240 V AC, 50/60 Hz
- 350 W
- 470 x 151\*5 x 380 mm (18-17/32 x 5-15/16\*5 x 14-31/32 inches)
- Approx. 8.6 kg/19.0 lbs
- Micro Cut Filter
- Yes
- 
- Daylight View Premium
- Detail Clarity Processor 3
- Yes
- 
- 
- Yes
- ET-LAA110
- ET-PKA110H (High ceiling mount bracket)
- ET-PKA110S (Low ceiling mount bracket)

Power cord, wireless remote control unit, batteries for remote control unit, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)

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

## 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.

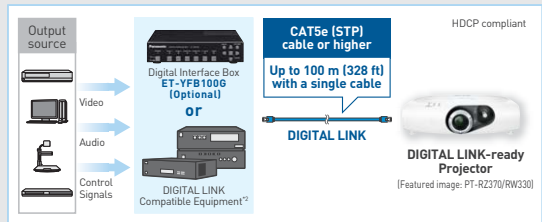
## DIGITAL LINK - Single Cable Solution



DIGITAL LINK 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.

[http://panasonic.net/avc/projector/support/digitalink\\_compatible\\_list/](http://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.

# Portable

PT-VW431D



LCD Projector  
4,300 lm WXGA WIRED LAN

PT-VW440

NEW



LCD Projector  
4,800 lm WXGA WIRED LAN

Optical	<b>Panel type</b>	15.0 mm (0.59 inches) LCD x 3	15.0 mm (0.59 inches) LCD x 3
	<b>Aspect ratio</b>	16:10	16:10
	<b>Lamp</b>	280 W UHM	280 W UHM
	<b>Brightness</b>	4,300 lm	4,800 lm
	<b>Lens (throw ratio)</b>	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)
	<b>Contrast (full on/full off)</b>	3,500:1	3,500:1
	<b>Resolution native/maximum*1</b>	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)
	<b>Screen size (diagonal)**2</b>	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)
Interface	<b>Lens shift</b>	Vertical: +48 % (manual)	Vertical: +48 % (manual)
	<b>Built-in speaker</b>	10.0 W (monaural)	10.0 W (monaural)
	<b>Terminals</b>	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YbPr/YCbCr x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGBx1)] 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, 10Base-T/100Base-TX, HDCP compatible]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YbPr/YCbCr x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGBx1)] 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)]
	<b>Power supply</b>	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	<b>Power consumption</b>	365 W	365 W
	<b>Dimensions (W x H x D)</b>	379 x 107 <sup>4</sup> x 305 mm <sup>5</sup> (14-29/32 x 4-7/32 <sup>4</sup> x 12 inches) <sup>5</sup>	379 x 107 <sup>4</sup> x 305 mm <sup>5</sup> (14-29/32 x 4-7/32 <sup>4</sup> x 12 inches) <sup>5</sup>
	<b>Weight*3</b>	Approx. 4.8 kg/10.6 lbs	Approx. 4.8 kg/10.6 lbs
	<b>Filter</b>	Pleated Micro Cut Filter	Pleated Micro Cut Filter
	<b>Daylight View</b>	Daylight View Basic	Daylight View Basic
	<b>Wireless Ready</b>	-	-
<b>USB Memory Viewer</b>	-	-	
<b>USB Display</b>	-	-	
<b>Audio Out During Standby</b>	Yes	Yes	
Accessory	<b>Replacement lamp</b>	ET-LAV200	ET-LAV200
	<b>Optional accessories</b>	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)
	<b>Standard accessories</b>	Power cord, 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, 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)

\*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.



## PT-VW435N



LCD Projector  
4,300 lm WXGA  
WIRED LAN WIRELESS

## PT-VX510

NEW



LCD Projector  
5,500 lm XGA  
WIRED LAN

## PT-VX505N



LCD Projector  
5,000 lm XGA  
WIRED LAN WIRELESS

15.0 mm (0.59 inches) LCD x 3 16:10 280 W UHM 4,300 lm F 1.60-2.12, f 15.28-24.62 mm (1.18-1.90:1) 3,500:1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) 0.76-7.62 m (30-300 inches) Vertical: +48 % (manual) 10.0 W (monaural) 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] 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] 100-240 V AC, 50/60 Hz 365 W 379 x 107 <sup>*4</sup> x 305 mm <sup>*5</sup> (14-29/32 x 4-7/32 <sup>*4</sup> x 12 inches) <sup>*5</sup> Approx. 4.8 kg/10.6 lbs Pleated Micro Cut Filter Daylight View Basic Wireless Manager ME 6.0, iOS, Android Yes Yes Yes ET-LAV200 ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV200B (Bracket assembly) ET-RFV200 (Replacement filter unit)	16.0 mm (0.63 inches) LCD x 3 4:3 280 W UHM 5,500 lm F 1.60-2.12, f 15.28-24.62 mm (1.18-1.90:1) 4,000:1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) 0.76-7.62 m (30-300 inches) Vertical: +40 % (manual) 10.0 W (monaural) 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] 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)] 100-240 V AC, 50/60 Hz 365 W 379 x 107 <sup>*4</sup> x 305 mm <sup>*5</sup> (14-29/32 x 4-7/32 <sup>*4</sup> x 12 inches) <sup>*5</sup> Approx. 4.8 kg/10.6 lbs Pleated Micro Cut Filter Daylight View Basic - - - Yes ET-LAV200 ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV200B (Bracket assembly) ET-RFV200 (Replacement filter unit)	16.0 mm (0.63 inches) LCD x 3 4:3 280 W UHM 5,000 lm F 1.60-2.12, f 15.28-24.62 mm (1.18-1.90:1) 4,000:1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) 0.76-7.62 m (30-300 inches) Vertical: +40 % (manual) 10.0 W (monaural) 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] 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] 100-240 V AC, 50/60 Hz 365 W 379 x 107 <sup>*4</sup> x 305 mm <sup>*5</sup> (14-29/32 x 4-7/32 <sup>*4</sup> x 12 inches) <sup>*5</sup> Approx. 4.8 kg/10.6 lbs Pleated Micro Cut Filter Daylight View Basic Wireless Manager ME 6.0, iOS, Android Yes Yes Yes ET-LAV200 ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV200B (Bracket assembly) ET-RFV200 (Replacement filter unit)
Power cord, 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, 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, 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)

\*4: Height: with legs at shortest position.  
\*5: Depth: protruding parts not included.

# Portable

## PT-VW330



**LCD Projector**  
3,000 lm | WXGA | WIRED LAN

## PT-VX400NT



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

	PT-VW330	PT-VX400NT	
Optical	<b>Panel type</b>	15.0 mm (0.59 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3
	<b>Aspect ratio</b>	16:10	4:3
	<b>Lamp</b>	245 W UHM	245 W UHM
	<b>Brightness</b>	3,000 lm	4,000 lm
	<b>Lens (throw ratio)</b>	F 1.65-2.33, f 15.47-24.53 mm (1.2-1.9:1)	F 1.65-2.33, f 15.47-24.53 mm (1.2-1.9:1)
	<b>Contrast (full on/full off)</b>	2,000:1	2,000:1
	<b>Resolution native/maximum*1</b>	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)
	<b>Screen size (diagonal)**2</b>	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)
	<b>Lens shift</b>	49:1 (fixed)	9:1 (fixed)
Interface	<b>Built-in speaker</b>	10.0 W (monaural)	10.0 W (monaural)
	<b>Terminals</b>	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YpPr/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/YpPr/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]
	<b>Power supply</b>	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	<b>Power consumption</b>	322 W	322 W
	<b>Dimensions (W x H x D)</b>	350 x 97 <sup>4</sup> x 277 mm*5 (13-25/32 x 3-13/16 <sup>4</sup> x 10-29/32 inches)*5	350 x 97 <sup>4</sup> x 277 mm*5 (13-25/32 x 3-13/16 <sup>4</sup> x 10-29/32 inches)*5
	<b>Weight*3</b>	Approx. 3.5 kg/7.7 lbs	Approx. 3.6 kg/7.9 lbs
	<b>Filter</b>	Three-Layered Air Filter	Three-Layered Air Filter
	<b>Intelligent Lamp Control</b>	Yes	Yes
	<b>Emulation</b>	-	-
	<b>Daylight View</b>	-	-
<b>Easy Setting</b>	-	Yes	
<b>Side-by-Side/P-in-P</b>	Yes (Aspect ratio 16:10)	-	
<b>Wireless Ready</b>	-	Wireless Manager ME 5.5, iOS, Android	
<b>USB Memory Viewer</b>	-	Yes	
<b>USB Display</b>	-	Yes	
<b>Audio Out During Standby</b>	Yes	Yes	
Accessory	<b>Replacement lamp</b>	ET-LAV100	ET-LAV100
	<b>Optional accessories</b>	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV100B (Bracket assembly) ET-RFV100 (Replacement filter unit)	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV100B (Bracket assembly) ET-RFV100 (Replacement filter unit)
	<b>Standard accessories</b>	Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, carrying bag, computer cable, filter cover, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, carrying bag, computer cable, filter cover, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software, Wireless Manager ME 5.5)

\*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.

## PT-VX400



LCD Projector

4,000 lm

XGA

WIRED  
LAN

## PT-VX41



LCD Projector

4,000 lm

XGA

WIRED  
LAN

## PT-LB3



LCD Projector

3,200 lm

XGA

WIRED  
LAN

16.0 mm (0.63 inches) LCD x 3 4:3 245 W UHM 4,000 lm F 1.65-2.33, f 15.47-24.53 mm (1.2-1.9:1) 2,000:1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) 0.76-7.62 m (30-300 inches) 9:1 (fixed) 10.0 W (monaural) 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] 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)]	16.0 mm (0.63 inches) LCD x 3 4:3 245 W UHM 4,000 lm F 1.60-1.76, f 22.33-26.80 mm (1.7-2.1:1) 2,000:1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) 1.02-7.62 m (40-300 inches) 9:1 (fixed) 10.0 W (monaural) 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] 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)]	16.0 mm (0.63 inches) LCD x 3 4:3 220 W UHM 3,200 lm F 1.64-1.87, f 18.80-22.56 mm (1.4-1.7:1) 600:1 XGA (1,024 x 768)/WUXGA (1,920 x 1,200) 0.84-7.62 m (33-300 inches) 5:1 (fixed) 1.0 W (monaural) Computer in [D-sub HD 15-pin x 2 (RGB/YPbPr/YCbCr x 2)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in [M3 x 2 (L-R x 2)] Audio out [M3 x 1 (L-R x 1)] Serial [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]
100-240 V AC, 50/60 Hz 322 W 350 x 97 <sup>4</sup> x 277 mm <sup>5</sup> (13-25/32 x 3-13/16 <sup>4</sup> x 10-29/32 inches) <sup>5</sup> Approx. 3.5 kg/7.7 lbs Three-Layered Air Filter Yes - - - - - - - Yes ET-LAV100 ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV100B (Bracket assembly) ET-RFV100 (Replacement filter unit) Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, carrying bag, computer cable, filter cover, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	100-240 V AC, 50/60 Hz 322 W 350 x 97 <sup>4</sup> x 254 mm <sup>5</sup> (13-25/32 x 3-13/16 <sup>4</sup> x 10 inches) <sup>5</sup> Approx. 3.4 kg/7.5 lbs Three-Layered Air Filter Yes - - - - - - - Yes ET-LAV100 ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKV100B (Bracket assembly) ET-RFV100 (Replacement filter unit) Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, carrying bag, computer cable, filter cover, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	100-240 V AC, 50/60 Hz 300 W 307 x 69 x 210 mm <sup>5</sup> (12-3/32 x 2-23/32 x 8-9/32 inches) <sup>5</sup> Approx. 2.3 kg/5.07 lbs Micro Cut Filter - Yes Daylight View Basic - - - - - - Yes ET-LAB2 ET-PKB2 (Ceiling mount bracket) ET-KFB2 (Highly durable filter unit) ET-RFB2 (Replacement air filter for the ET-KFB2) Power cord, power cord secure lock, 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)

\*4: Height: with legs at shortest position.

\*5: Depth: protruding parts not included.

# Portable

## PT-LW25H



LCD Projector  
2,500 lm WXGA **WIRED LAN**

## PT-LX30H



LCD Projector  
3,000 lm XGA **WIRED LAN**

Optical	<b>Panel type</b>	15.0 mm (0.59 inches) LCD x 3	16.0 mm (0.63 inches) LCD x 3
	<b>Aspect ratio</b>	16:10	4:3
	<b>Lamp</b>	230 W UHM	230 W UHM
	<b>Brightness</b>	2,500 lm* <sup>4</sup>	3,000 lm* <sup>4</sup>
	<b>Lens (throw ratio)</b>	F 2.10-2.25, f 19.11-22.94 mm (1.5-1.8:1)	F 2.10-2.25, f 19.11-22.94 mm (1.5-1.8:1)
	<b>Contrast (full on/full off)</b>	3,000:1* <sup>5</sup>	2,500:1* <sup>5</sup>
	<b>Resolution native/maximum*<sup>1</sup></b>	WXGA (1,280 x 800)/WUXGA (1,920 x 1,200)	XGA (1,024 x 768)/WUXGA (1,920 x 1,200)
	<b>Screen size (diagonal)*<sup>2</sup></b>	0.76-7.62 m (30-300 inches)	0.76-7.62 m (30-300 inches)
<b>Lens shift</b>	13:1 (fixed)	6:1 (fixed)	
Interface	<b>Built-in speaker</b>	1.0 W (monaural)	1.0 W (monaural)
	<b>Terminals</b>	Computer in 1 [D-sub HD 15-pin x 1 (RGB/Y/PsPr/Y/CsCr/S-VIDEO x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Computer audio in 1 [M3 x 1 (L-R x 1)] Video audio in [Pin jack x 2 (L x 1, R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	Computer in 1 [D-sub HD 15-pin x 1 (RGB/Y/PsPr/Y/CsCr/S-VIDEO x 1)] Computer in 2/Monitor out [D-sub HD 15-pin x 1 (RGB x 1)] Composite video in [Pin jack x 1] Computer audio in 1 [M3 x 1 (L-R x 1)] Video audio in [Pin jack x 2 (L x 1, R x 1)] Serial in [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]
General	<b>Power supply</b>	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	<b>Power consumption</b>	297 W	297 W
	<b>Dimensions (W x H x D)</b>	349 x 105* <sup>6</sup> x 247 mm* <sup>7</sup> (13-3/4 x 4-5/32* <sup>6</sup> x 9-3/4 inches)* <sup>7</sup>	349 x 105* <sup>6</sup> x 247 mm* <sup>7</sup> (13-3/4 x 4-5/32* <sup>6</sup> x 9-3/4 inches)* <sup>7</sup>
	<b>Weight*<sup>3</sup></b>	Approx. 2.99 kg/6.59 lbs	Approx. 2.99 kg/6.59 lbs
Features	<b>Filter</b>	Three-Layered Air Filter	Three-Layered Air Filter
	<b>Daylight View</b>	-	-
	<b>Easy Setting</b>	-	-
	<b>Side-by-Side</b>	-	-
	<b>Audio Out During Standby</b>	-	-
Accessory	<b>Replacement lamp</b>	ET-LAL100	ET-LAL100
	<b>Optional accessories</b>	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKL100B (Bracket assembly) ET-RFL100 (Replacement filter unit) ET-ADSV (D-Sub/S-VIDEO conversion cable)	ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKL100B (Bracket assembly) ET-RFL100 (Replacement filter unit) ET-ADSV (D-Sub/S-VIDEO conversion cable)
	<b>Standard accessories</b>	Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, filter cover, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)	Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, filter cover, 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.

## PT-LX26H



### LCD Projector

2,600 lm

XGA



## PT-LX26



### LCD Projector

2,600 lm

XGA

### Key Features

## Quick and Easy Wireless Projection

### Advantages

- No need to pass around cables.
- Allows easy and speedy setup, and a flexible system layout.

### Wireless Projection from Multiple PCs

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 wired or wireless LAN connection.

\* The Wireless Manager ME6.0 supports the PT-VW435N/VX505N only.



#### 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.

### Wireless Projection from Tablet Devices or Smartphones

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

### Projectable Contents

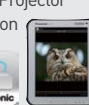
"Panasonic Wireless Projector for iOS" Application software

PowerPoint, Word, Excel, Keynote, Pages, Numbers, Text, RichText, PDF, Web, Images and Camera Images



"Panasonic Wireless Projector for Android" Application software

PowerPoint, PDF and JPEG Images



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

14.0 mm (0.55 inches) LCD x 3

4:3

230 W UHM

2,600 lm\*4

F 2.10-2.25, f 19.11-22.94 mm (1.7-2.0:1)

2,500:1\*5

XGA (1,024 x 768)/WUXGA (1,920 x 1,200)

0.76-7.62 m (30-300 inches)

6:1 (fixed)

1.0 W (monaural)

Computer in 1 [D-sub HD 15-pin x 1 (RGB/Y/PaPr/YCbCr/S-VIDEO x 1)]

Computer in 2/Monitor out

[D-sub HD 15-pin x 1 (RGB x 1)]

Composite video in [Pin jack x 1]

Computer audio in 1 [M3 x 1 (L-R x 1)]

Video audio in [Pin jack x 2 (L x 1, R x 1)]

Serial in [D-sub 9-pin x 1 (RS-232C)]

LAN [RJ-45 x 1 (10Base-T/100Base-TX)]

100-240 V AC, 50/60 Hz

297 W

349 x 105\*6 x 247 mm\*7  
(13-3/4 x 4-5/32\*6 x 9-3/4 inches)\*7

Approx. 2.99 kg/6.59 lbs

Three-Layered Air Filter

-

-

-

-

ET-LAL100

ET-PKV100H (High ceiling mount bracket)

ET-PKV100S (Low ceiling mount bracket)

ET-PKL100B (Bracket assembly)

ET-RFL100 (Replacement filter unit)

ET-ADSV (D-Sub/S-VIDEO conversion cable)

Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, filter cover, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)

14.0 mm (0.55 inches) LCD x 3

4:3

230 W UHM

2,600 lm\*4

F 2.10-2.25, f 19.11-22.94 mm (1.7-2.0:1)

500:1\*4

XGA (1,024 x 768)/WUXGA (1,920 x 1,200)

0.76-7.62 m (30-300 inches)

6:1 (fixed)

-

Computer in [D-sub HD 15-pin x 1 (RGB/Y/PaPr/YCbCr/S-VIDEO x 1)]

Composite video in [Pin jack x 1]

Serial in [D-sub 9-pin x 1 (RS-232C)]

100-240 V AC, 50/60 Hz

297 W

349 x 105\*6 x 247 mm\*7  
(13-3/4 x 4-5/32\*6 x 9-3/4 inches)\*7

Approx. 2.90 kg/6.39 lbs

Three-Layered Air Filter

-

-

-

-

ET-LAL100

ET-PKV100H (High ceiling mount bracket)

ET-PKV100S (Low ceiling mount bracket)

ET-PKL100B (Bracket assembly)

ET-RFL100 (Replacement filter unit)

ET-ADSV (D-Sub/S-VIDEO conversion cable)

Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, filter cover, software CD-ROM (Logo Transfer Software)

\*4: With lamp power high. \*5: With lamp power high and iris on.

\*6: Height: with legs at shortest position.

\*7: Depth: protruding parts not included.

# Short Throw

PT-CW331R

NEW



1-Chip DLP™ Projector

3,100 lm

WXGA

WIRED LAN

Inter-active

PT-CW241R

NEW



1-Chip DLP™ Projector

2,600 lm

WXGA

WIRED LAN

Inter-active

Optical	<b>Panel type</b>	16.5 mm (0.65 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1
	<b>Aspect ratio</b>	16:10	16:10
	<b>Lamp</b>	280 W UHM	240 W UHM
	<b>Brightness</b>	3,100 lm	2,600 lm
	<b>Lens (throw ratio)</b>	F 2.6, f -5.27 mm (0.35:1)	F 2.6, f -5.27 mm (0.35:1)
	<b>Contrast (full on/full off)</b>	8,000:1	8,000:1
	<b>Resolution native/maximum*1</b>	WXGA (1,280 x 800)/WSXGA+ (1,680 x 1,050)	WXGA (1,280 x 800)/WSXGA+ (1,680 x 1,050)
	<b>Screen size (diagonal)**2</b>	1.78-2.54 m (70-100 inches)	1.78-2.54 m (70-100 inches)
Interface	<b>Built-in speaker</b>	10.0 W (monaural)	10.0 W (monaural)
	<b>Terminals</b>	HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YpPr/YcCr x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/YpPr/YcCr 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/YpPr/YcCr x 1)] Computer in 2 [D-sub HD 15-pin x 1 (RGB/YpPr/YcCr 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]
	<b>Power supply</b>	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	<b>Power consumption</b>	340 W	310 W
	<b>Dimensions (W x H x D)</b>	357 x 250 <sup>4</sup> x 367 mm (14-1/16 x 9-27/32 <sup>4</sup> x 14-29/64 inches)	357 x 250 <sup>4</sup> x 367 mm (14-1/16 x 9-27/32 <sup>4</sup> x 14-29/64 inches)
	<b>Weight*3</b>	Approx. 7.8 kg/17.2 lbs	Approx. 7.6 kg/16.7 lbs
	<b>Daylight View</b>	-	-
	<b>3D Ready</b>	Yes	Yes
	<b>Interactive Function</b>	Yes	Yes
	<b>Audio Out During Standby</b>	Yes	Yes
Accessory	<b>Replacement lamp</b>	ET-LAC300	ET-LAC200
	<b>Optional accessories</b>	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)
	<b>Standard accessories</b>	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 (LightPen III)	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 (LightPen III)

\*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.



## PT-CX301R

NEW



1-Chip DLP™ Projector

3,100 lm

XGA

WIRED LAN

Inter-active

## PT-CW330



1-Chip DLP™ Projector

3,100 lm

WXGA

WIRED LAN

Epson Professional

## PT-CW240



1-Chip DLP™ Projector

2,600 lm

WXGA

WIRED LAN

Epson Professional

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
4:3	16:10	16:10
280 W UHM	280 W UHM	240 W UHM
3,100 lm	3,100 lm	2,600 lm
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)
8,000:1	8,000:1	8,000:1
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)
1.52-2.29 m (60-90 inches)	1.78-2.54 m (70-100 inches)	1.78-2.54 m (70-100 inches)
10.0 W (monaural)	10.0 W (monaural)	10.0 W (monaural)
HDMI in [HDMI 19-pin x 1 (HDCP compatible)]	HDMI in [HDMI 19-pin x 1 (HDCP compatible)]	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 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCbCr x 1)]	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)]	Computer in 2 [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)]	Monitor out [D-sub HD 15-pin x 1 (RGB x 1)]	Monitor out [D-sub HD 15-pin x 1 (RGB x 1)]
Composite video in [Pin jack x 1]	Composite video in [Pin jack x 1]	Composite video in [Pin jack x 1]
S-Video in [Mini-DIN 4-pin x 1]	S-Video in [Mini-DIN 4-pin x 1]	S-Video in [Mini-DIN 4-pin x 1]
Computer audio in [M3 x 2 (L-R x 2)]	Computer audio in [M3 x 2 (L-R x 2)]	Computer audio in [M3 x 2 (L-R x 2)]
Video audio in [Pin jack x 2 (L x 1, R x 1)]	Video audio in [Pin jack x 2 (L x 1, R x 1)]	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)]	S-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)]	Audio out [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)]	Serial in [D-sub 9-pin x 1 (RS-232C)]	Serial in [D-sub 9-pin x 1 (RS-232C)]
LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	LAN [RJ-45 x 1 (10Base-T/100Base-TX)]	LAN [RJ-45 x 1 (10Base-T/100Base-TX)]
Mini USB [Mini USB x 1, for interactive function]	Mini USB [Mini USB x 1, for service]	Mini USB [Mini USB x 1, for service]
100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
340 W	340 W	310 W
357 x 250 <sup>*4</sup> x 367 mm (14-1/16 x 9-27/32 <sup>*4</sup> x 14-29/64 inches)	357 x 250 <sup>*4</sup> x 367 mm (14-1/16 x 9-27/32 <sup>*4</sup> x 14-29/64 inches)	357 x 250 <sup>*4</sup> x 367 mm (14-1/16 x 9-27/32 <sup>*4</sup> x 14-29/64 inches)
Approx. 7.8 kg/17.2 lbs	Approx. 7.7 kg/17.0 lbs	Approx. 7.5 kg/16.5 lbs
-	-	-
Yes	Yes	Yes
Yes	-	-
Yes	Yes	Yes
ET-LAC300	ET-LAC300	ET-LAC200
ET-PKV100H (High ceiling mount bracket)	ET-PKV100H (High ceiling mount bracket)	ET-PKV100H (High ceiling mount bracket)
ET-PKV100S (Low ceiling mount bracket)	ET-PKV100S (Low ceiling mount bracket)	ET-PKV100S (Low ceiling mount bracket)
ET-PKC200B (Bracket assembly)	ET-PKC200B (Bracket assembly)	ET-PKC200B (Bracket assembly)
ET-PKC200W (Wall mount bracket)	ET-PKC200W (Wall mount bracket)	ET-PKC200W (Wall mount bracket)
ET-PEN100 (Interactive pen)		
ET-PNT100 (Interactive pointer)		
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 (LightPen III)	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

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

\*4: Height: with legs at shortest position.

# Short Throw

## PT-CX300



1-Chip DLP™ Projector  
3,100 lm XGA **WIRED LAN** **EP PROFESSIONAL**

## PT-CW230



1-Chip DLP™ Projector  
2,500 lm WXGA **WIRED LAN** **DLP READY**

Optical	<b>Panel type</b>	14 mm (0.55 inches) DLP™ chip x 1	16.5 mm (0.65 inches) DLP™ chip x 1
	<b>Aspect ratio</b>	4:3	16:10
	<b>Lamp</b>	280 W UHM	275 W UHM
	<b>Brightness</b>	3,100 lm	2,500 lm
	<b>Lens (throw ratio)</b>	F 2.6, f -5.27 mm [0.44:1]	F 2.5, f 4.83 mm [0.19:1]
	<b>Contrast (full on/full off)</b>	8,000:1	2,000:1
	<b>Resolution native/maximum*1</b>	XGA [1,024 x 768]/WSXGA+ [1,680 x 1,050]	WXGA [1,280 x 800]/WSXGA+ [1,680 x 1,050]
<b>Screen size (diagonal)*2</b>	1.52-2.29 m (60-90 inches)	1.52-2.79 m (60-110 inches)	
<b>Lens shift</b>	-	-	
Interface	<b>Built-in speaker</b>	10.0 W (monaural)	10.0 W (monaural)
	<b>Terminals</b>	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/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)] 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)] 3D SYNC out [Mini-DIN 3-pin x 1 (3D transmitter connection)]
	<b>Power supply</b>	100-240 V AC, 50/60 Hz	100-240 V AC, 50/60 Hz
	<b>Power consumption</b>	340 W	350 W
	<b>Dimensions (W x H x D)</b>	357 x 250*4 x 367 mm [14-1/16 x 9-27/32*4 x 14-29/64 inches]	321 x 178*4 x 386 mm [12-5/8 x 7*4 x 15-3/16 inches]
	<b>Weight*3</b>	Approx. 7.7 kg/17.0 lbs	Approx. 6.2 kg/13.7 lbs
	<b>Daylight View</b>	-	-
	<b>3D Ready</b>	Yes	Yes
	<b>Interactive Function</b>	-	-
	<b>Audio Out During Standby</b>	Yes	-
Accessory	<b>Replacement lamp</b>	ET-LAC300	ET-LAC100
	<b>Optional accessories</b>	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-PKC100B (Bracket assembly) ET-PKC100W (Wall mount bracket) ET-RFC100 (Replacement filter unit)
	<b>Standard accessories</b>	Power cord, power cord cover, wireless remote control unit, battery for remote control unit, computer cable	Power cord, power cord holder, wireless remote control unit, batteries 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.

## PT-CX200



1-Chip DLP™ Projector

2,000 lm

XGA



## PT-TW231R



LCD Projector

2,500 lm

WXGA



## PT-TW230



LCD Projector

2,500 lm

WXGA



14 mm (0.55 inches) DLP™ chip x 1 4:3 275 W UHM 2,000 lm F 2.5, f 4.83 mm (0.24:1) 2,000:1 XGA (1,024 x 768)/WSXGA+ (1,680 x 1,050) 1.40-2.29 m (55-90 inches) -	15.0 mm (0.59 inches) LCD x 3 16:10 230 W UHM 2,500 lm F 1.80, f 6.68 mm (0.5:1) 500:1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) 1.52-2.79 m (60-110 inches) 10:-1.44 (fixed)	15.0 mm (0.59 inches) LCD x 3 16:10 230 W UHM 2,500 lm F 1.80, f 6.68 mm (0.5:1) 500:1 WXGA (1,280 x 800)/WUXGA (1,920 x 1,200) 1.52-2.79 m (60-110 inches) 10:-1.44 (fixed)
10.0 W (monaural) HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCr 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 [M3 x 2 (L-R x 2)] 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)] 3D SYNC out [Mini-DIN 3-pin x 1 (3D transmitter connection)]	10.0 W (monaural) HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCr 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 [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 [USB x 1, for interactive function]	10.0 W (monaural) HDMI in [HDMI 19-pin x 1 (HDCP compatible)] Computer in 1 [D-sub HD 15-pin x 1 (RGB/YPbPr/YCaCr 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 [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)]
100-240 V AC, 50/60 Hz 350 W 321 x 178*4 x 386 mm [12-5/8 x 7*4 x 15-3/16 inches] Approx. 6.2 kg/13.7 lbs	100-240 V AC, 50/60 Hz 310 W 350 x 143*4 x 389 mm [13-25/32 x 5-5/8*4 x 15-5/16 inches] Approx. 4.7 kg/10.4 lbs	100-240 V AC, 50/60 Hz 310 W 350 x 143*4 x 382 mm [13-25/32 x 5-5/8*4 x 15-1/32 inches] Approx. 4.7 kg/10.4 lbs
- Yes - -	- - Yes -	- - - -
ET-LAC100 ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKC100B (Bracket assembly) ET-PKC100W (Wall mount bracket) ET-RFC100 (Replacement filter unit)	ET-LAT100 ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKT100B (Bracket assembly) ET-RFT100 (Replacement filter unit) ET-PEN100 (Interactive pen) ET-PNT100 (Interactive pointer)	ET-LAT100 ET-PKV100H (High ceiling mount bracket) ET-PKV100S (Low ceiling mount bracket) ET-PKT100B (Bracket assembly) ET-RFT100 (Replacement filter unit)
Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, computer cable	Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, interactive pen, interactive pointer, batteries for interactive pen and interactive pointer, USB cable, software CD-ROM [Logo Transfer Software, Multi Projector Monitoring and Control Software, LightPen II]	Power cord, power cord holder, wireless remote control unit, batteries for remote control unit, computer cable, software CD-ROM [Logo Transfer Software, Multi Projector Monitoring and Control Software]

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

\*4: Height: with legs at shortest position.

# Short Throw

## PT-ST10



**LCD Projector**  
2,800 lm XGA **WIRED LAN**

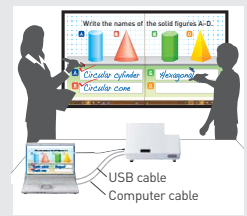
Optical	<b>Panel type</b>	16.0 mm (0.63 inches) LCD x 3
	<b>Aspect ratio</b>	4:3
	<b>Lamp</b>	220 W UHM
	<b>Brightness</b>	2,800 lm
	<b>Lens (throw ratio)</b>	F 1.80, f 6.74 mm (0.5:1)
	<b>Contrast (full on/full off)</b>	500:1
	<b>Resolution native/maximum*1</b>	XGA (1,024 × 768)/WUXGA (1,920 x 1,200)
	<b>Screen size (diagonal)*2</b>	1.52-2.79 m (60-110 inches)
Interface	<b>Lens shift</b>	10-0.5 (fixed)
	<b>Built-in speaker</b>	1.0 W (monaural)
General	<b>Terminals</b>	Computer in [D-sub HD 15-pin x 2 (RGB/YpPr/YCbCr x 2)] Composite video in [Pin jack x 1] S-Video in [Mini-DIN 4-pin x 1] Audio in [M3 x 2 (L-R x 2)] Audio out [M3 x 1 (L-R x 1)] Serial [D-sub 9-pin x 1 (RS-232C)] LAN [RJ-45 x 1 (10Base-T/100Base-TX)]
	<b>Power supply</b>	100-240 V AC, 50/60 Hz
	<b>Power consumption</b>	300 W
	<b>Dimensions (W x H x D)</b>	327 x 135 x 307 mm*7 (12-7/8 x 5-5/16 x 12-3/32 inches)*7
	<b>Weight*3</b>	Approx. 3.1 kg/6.8 lbs
	Features	<b>Daylight View</b>
<b>3D Ready</b>		-
<b>Interactive Function</b>		-
<b>Audio Out During Standby</b>		Yes
Accessory	<b>Replacement lamp</b>	ET-LAB2
	<b>Optional accessories</b>	ET-PKB2 (Ceiling mount bracket) ET-KFB2 (Highly durable filter unit) ET-RFB2 (Replacement air filter for the ET-KFB2)
	<b>Standard accessories</b>	Power cord, power cord secure lock, wireless remote control unit, batteries for remote control unit, computer cable, safety wire rope, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring and Control Software)

## Key Features

### Convenient Function

#### 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.

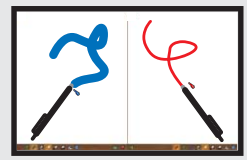


#### Dual pen support\*

(PT-CW331R/CW241R/CX301R)  
Select the dual pen mode (Half screen mode/Full screen mode). Two users can write simultaneously, making your classes and presentations more efficient.

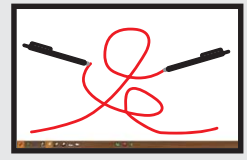
##### Half screen mode

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 supporting the above functions, 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.

# Home Cinema

PT-AE8000  
PT-AT6000



LCD Projector  
2,400 lm  
3D FULL HD

PT-AR100  
PT-AH1000



LCD Projector  
2,800 lm  
3D FULL HD

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/YCaCr x 1)] Component in [Pin jack x 3 (YPbPr/YCaCr 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/YCaCr x 1)] Component in [Pin jack x 3 (YPbPr/YCaCr 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*8 x 364 mm (18-17/32 x 5-15/16*8 x 14-11/32 inches)	470 x 151*8 x 380 mm (18-17/32 x 5-15/16*8 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

\*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: Depth: protruding parts not included. \*8: Height: with legs at shortest position.



## 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

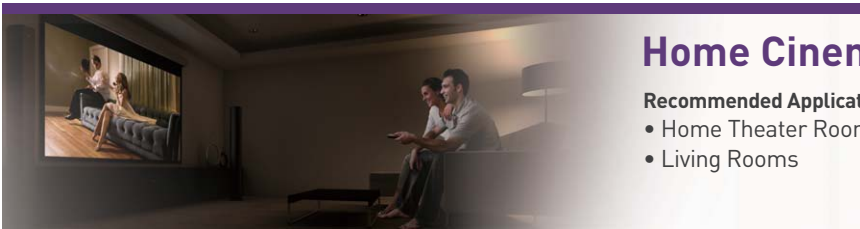
### Recommended Applications:

- Medium to Small Classrooms
- Meeting Rooms

## Short Throw

### Recommended Applications:

- Small Classrooms
- Meeting Rooms



## Home Cinema

### Recommended Applications:

- Home Theater Rooms
- Living Rooms

# Panasonic®

Weights and dimensions shown are approximate. Specifications and appearance are subject to change without notice. Product availability differs depending on region and country. These products may be subject to export control regulations. Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. DLP is a trademark or registered trademark of Texas Instruments. All other trademarks are the property of their respective trademark owners. Projection images simulated. © 2013 Panasonic Corporation. All rights reserved.



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