

A Dustproof Solution for Bright and Efficient Classroom Projection



PT-FZ570 Series

	PT-FZ570	PT-FW530	PT-FX500
Resolution	WUXGA	WXGA	XGA
Brightness	4,500 lm		5,000 lm
Contrast	10,000:1		

High Picture Quality

- High Brightness of Up to 5,000 lm*¹ from a Compact Body
- Dynamic 10,000:1 Contrast Performance with Iris
- High Resolution Up to WUXGA*² for Full HD Pictures
- Daylight View Basic Function Ensures Clear and Vivid Image Quality in Bright Environments
- DICOM Simulation Mode*³ for Medical Presentations
- Color Adjustment Function to Correct Color Variations in Multi-Projector Applications

Low TCO and Easy Maintenance

- Long Lamp Replacement Cycle: Up to 8,000 Hours (Eco) / 6,000 Hours (Normal)
- Reusable Super Eco Filter Replacement Extended to 16,000 Hours
- Dust-Resistant Cabinet with One-Way Air Flow Design
- Easy Access to Lamp, Filter, and Lens When Mounted on Ceiling
- Ultra-Quiet 29 dB*⁴ Operation on ECO Mode

System Flexibility

- DIGITAL LINK Supports Transmission of Uncompressed Full HD Video, Audio, and Control Commands Through a Single CAT 5e or Higher STP Cable for Distances of Up to 150 m (492 ft)*⁵
- Wide-range Manual Lens Shift, 1.8X Zoom Lens for Picture Adjustment
- Corner Keystone & Curved Screen Correction
- Wireless Projection with Optional Dongle (ET-WML100)
- Mechanical Shutter
- Network Function via LAN for Easy Remote Operation
- Supports Free Multi Projector Monitoring & Control Software

Specifications (Tentative)

Model	PT-FZ570	PT-FW530	PT-FX500
Power supply	100–240 V AC, 50/60 Hz		
Power consumption	484 W (0.3 W with Standby Mode set to Eco ¹ , 12 W with Standby Mode set to Normal)		461 W (0.3 W with Standby Mode set to Eco ¹ , 8 W with Standby Mode set to Normal)
LCD panel	Panel size	16.3 mm (0.64") diagonal (16:10 aspect ratio)	
	Display method	Transparent LCD panel (× 3, R/G/B)	
	Drive method	Active matrix	
	Pixels	2,304,000 (1920 × 1200) × 3, total of 6,912,000 pixels	1,024,000 (1280 × 800) × 3, total of 3,072,000 pixels
Lens	Manual zoom (throw ratio 1.22–2.26:1), manual focus F 1.6–2.2, f 17.1–31.7 mm		Manual zoom (throw ratio 1.32–2.44:1), manual focus F 1.7–2.3, f 26.9–45.4 mm
Lamp	270 W UHM lamp × 1		
Lamp replacement cycle	6,000 hours ² (lamp power: Normal), 8,000 hours ² (lamp power: Eco)		
Screen size (diagonal)	1.03–10.57 m (40–400 in), 16:10 aspect ratio		1.02–10.16 m (40–400 in), 4:3 aspect ratio
Brightness ³	4,500 lm (lamp power: Auto/Normal, Dynamic Mode, standard lens)		5,000 lm (lamp power: Auto/Normal, Dynamic Mode, standard lens)
Center-to-corner uniformity ³	90 %		
Contrast ³	10,000:1 (full on/full off, lamp power: Auto, Iris: ON)		
Resolution	1920 × 1200 pixels ⁴		1280 × 800 pixels ⁴
Scanning frequency	HDMI/DIGITAL LINK	Dot clock: 25–162 MHz (VGA: 640 × 480 pixels to WUXGA: 1920 × 1200 pixels, VESA CVT-RB compliant with HDCP).	
	RGB	fh: 15 kHz–91 kHz, fv: 24 Hz–120 Hz, dot clock: up to 162 MHz	
	YPbPr (Y/Ca/Cr)	fh: 15.73 kHz, fv: 59.94 Hz [480i (525i)], fh: 15.63 kHz, fv: 50 Hz [576i (625i)], fh: 45.00 kHz, fv: 60 Hz [720 (750)/60p], fh: 33.75 kHz, fv: 60 Hz [1080 (1125)/60i], fh: 28.13 kHz, fv: 25 Hz [1080 (1125)/25p], fh: 27.00 kHz, fv: 48 Hz [1080 (1125)/24sf], fh: 67.50 kHz, fv: 60 Hz [1080 (1125)/60p], fh: 31.47 kHz, fv: 59.94 Hz [480p (625p)], fh: 31.25 kHz, fv: 50 Hz [576p (625p)], fh: 37.50 kHz, fv: 50 Hz [720 (750)/50p], fh: 28.13 kHz, fv: 50 Hz [1080 (1125)/50i], fh: 27.00 kHz, fv: 24 Hz [1080 (1125)/24p], fh: 33.75 kHz, fv: 30 Hz [1080 (1125)/30p], fh: 56.25 kHz, fv: 50 Hz [1080 (1125)/50p]	
	Video/YC	fh: 15.73 kHz, fv: 59.94 Hz [NTSC/NTSC4.43/PAL-M/PAL60], fh: 15.63 kHz, fv: 50 Hz [PAL/PAL-N/SECAM]	
Optical axis shift	Vertical (from center of screen)	±60 %	
	Horizontal (from center of screen)	±30 %	
Keystone correction range ⁵	Vertical: ±25 °, horizontal: ±30 °		Vertical: ±35 °, horizontal: ±35 °
Installation	Ceiling/floor, front/rear		
Built-in speaker	3.7 cm round shape × 1, output power: 10.0 W (monaural)		
Terminals	HDMI IN	HDMI 19-pin × 2 (Deep Color, compatible with HDCP), audio signal: Linear PCM (Sampling frequency: 48 kHz/44.1 kHz/32 kHz)	
	Computer 1 IN	D-sub HD 15-pin (female) × 1	
	Computer 2 IN/OUT	D-sub HD 15-pin (female) × 1	
	VIDEO IN	Pin jack × 1 (composite video)	
	MONITOR OUT	D-sub HD 15-pin (female) × 1 (RGB × 1) (compatible with RGB or YPbPr/YCaCr)	
	AUDIO IN	Pin jack × 2 (L/R × 1), M3 × 2 (L-R × 2)	
	AUDIO OUT	M3 × 1 (L-R × 1) for output (variable)	
	SERIAL IN	D-sub 9-pin (female) × 1 for external control (RS-232C compliant)	
	LAN	RJ-45 × 1 for network connection, 10Base-T, 100Base-TX, compatible with PLink™	
	DIGITAL LINK	RJ-45 × 1 for network and DIGITAL LINK connection, 100Base-TX, compatible with PLink™, HDCP, Deep Color	
	USB-A	2 (Network/Wireless × 1, 5 V/0.9 A × 1)	
Operating noise ⁶	35 dB (lamp power: Normal), 29 dB (lamp power: ECO)		
Filter	× 1, replacement cycle: up to 16,000 hours ⁶		
Cabinet materials	Molded plastic (PC + ABS)		
Dimensions (W × H × D)	498 × 145 ⁷ × 398.3 mm (19 19/32" × 5 23/32" ⁷ × 15 11/16")		
Weight ⁸	Approximately 9.0 kg (19.8 lbs.)		
Operating environment	Operating temperature: 0 °C–40 °C (32 °F–104 °F) ⁹ , operating humidity: 20 %–80 % (no condensation)		
Supplied accessories	Power cord with power cord holder ¹⁰ , wireless/wired remote control unit × 1, batteries (R03/LR03/AAA type × 2), Software CD-ROM × 1 (Logo Transfer Software, Multi Monitoring and Control Software)		

¹ When Standby Mode is set to Eco, network functions such as power on over LAN will not operate. Also, only certain commands can be received for external control using the serial terminal. ² This is the maximum value when the lamp is turned on for 2 hours and off for 0.25 hours. If the lamp is turned on more times or kept on for a long time, lamp replacement cycle will shorten. Usage environment affects the duration of the lamp. ³ Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. ⁴ Input signals that exceed supported resolution will be converted. ⁵ With the supplied lens. Value differs when the correction for both directions is operated. ⁶ Usage environment affects the duration of the filter. ⁷ With legs at shortest position. ⁸ Average value. May differ depending on models. ⁹ Operating temperature range is 0 °C to 40 °C (32 °F to 104 °F) when used at altitudes from 1,400 m to 2,700 m (4,593 ft to 8,858 ft) above sea level. Also, if the ambient temperature exceeds 40 °C (104 °F) (35 °C [95 °F] at high altitude), lamp power may automatically switch to Eco to in order to protect the projector. ¹⁰ Power cords available (×2) for Europe, the UK and Asia only.

Optional Accessories

- DIGITAL LINK Switcher
ET-YFB200G
- Digital Interface Box
ET-YFB100G

- Early Warning Software
ET-SWA100 Series
- Ceiling Mount Bracket
ET-PKD120H (for high ceiling)
ET-PKD120S (for low ceiling)

- Bracket Assembly
ET-PKE300B
- Replacement Lamp Unit
ET-LAEF100

- Replacement Filter Unit
ET-RFF200
- Wireless Module
ET-WML100

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