

PT-DZ570 Series

1-Chip DLP™ Projectors

Compact, Easy-to-Install



PT-DZ570	PT-DW530	PT-DX500
4,000 lm	4,000 lm	4,500 lm
WUXGA (1920 × 1200)	WXGA (1280 × 800)	XGA (1024 × 768)

Excellent Image Quality

- The 300-watt AC lamp unit features an efficient light focusing reflector. Using only a single lamp unit, the PT-DX500 achieves 4,500 lumens of brightness*¹
- RGB Booster achieves high image quality with excellent color reproduction and brightness
- Detail Clarity Processor 3 brings depth and clarity to details
- Daylight View Premium to project sharp, clear images even in brightly lit places.
- A Waveform Monitor function enables easy adjustment of black and white levels. (PT-DZ570)
- The DICOM Simulation mode reproduces easy-to-view rendering of X-ray photos.*²
- Rec. 709 mode (compliant with ITU-R Recommendation BT.709) for HDTV projection
- Full-HD ready WUXGA resolution (PT-DZ570)

Improved Reliability and Reduced Maintenance

- Newly designed original cooling system allows the projector to be used under ambient temperatures up to 45°C (113°F).*³
- Dust-resistant sealed optical block for reliability
- Web browser control over a wired LAN network
- Multi Projector Monitoring & Control Software Ver. 2 allows multiple projectors to be managed together over a wired LAN.
- Environment-friendly, low standby power consumption of 0.3 W at 100–120 V AC, 0.4 W at 220–240 V AC (Standby mode: ECO)*⁵
- Eco Management function for reduced power consumption.
- Easy lamp replacement from the rear.

Installation/Operation Flexibility

- A lens-centered design, 2x zoom lens, manual horizontal/vertical-lens shift, and flexible vertical 360-degree installation enable smooth flexibility for use in various locations.
- Abundant terminals including HDMI and DVI-D digital input terminals and a serial terminal with Emulate function. It is also possible to output audio*⁴ during Standby mode.
- Scheduling function enables timed operation using only the projector controls.
- Side-By-Side function (PT-DZ570/DW530)
- 15m long-range wireless remote control
- Three frequently used functions can be assigned to the Function buttons for instant recall.
- The optional Wireless Module ET-WM200 allows the PT-DZ570 series to operate wireless projection.
- Direct Power Off lets you directly shut off the power supply breaker.

*¹ The PT-DZ570 and PT-DW530 have 4,000 lm of brightness

*² This product is not a medical instrument. Do not use it for actual medical diagnosis.

*³ The operating temperature is 0°C to 40°C (32°F to 104°F) when the fan control is set to High Altitude mode (for over 1,400 m (4,593 ft) to 2,700 m (8,858 ft) above sea level).

*⁴ Requires speakers and an audio amplifier.

*⁵ When the standby mode is set to ECO, network functions such as power on over the LAN network will not operate. Also, only certain commands can be received for external control using the serial terminal.

Specifications (Tentative)

Model		PT-DZ570	PT-DW530	PT-DX500
Power supply		100–240 V AC, 5.0–1.9 A, 50/60 Hz		
Power consumption		415 W (500 VA) (0.3 W at 100–120 V AC, 0.4 W at 220–240 V AC with standby mode set to ECO*, 15 W with standby mode set to NORMAL.)		
DLP™ chip		17.0 mm (0.67 inches) diagonal (16:10 aspect ratio) DLP™ chip × 1, DLP™ projection system 2,304,000 (1,920 × 1,200) pixels	16.5 mm (0.65 inches) diagonal (16:10 aspect ratio) DLP™ chip × 1, DLP™ projection system 1,024,000 (1,280 × 800) pixels	17.8 mm (0.70 inches) diagonal (4:3 aspect ratio) DLP™ chip × 1, DLP™ projection system 786,432 (1,024 × 768) pixels
Lens		Manual zoom (1.45–2.9:1), manual focus F 2.0–3.4, f 21.5–43.0 mm		
Lamp		300 W (max. 310 W) UHM lamp		
Screen size (diagonal)		1.02–7.62 m (40–300 inches), 16:10 aspect ratio		1.02–7.62 m (40–300 inches), 4:3 aspect ratio
Brightness*2		4,000 lm (lamp mode: normal)		4,500 lm (lamp mode: normal)
Center-to-corner uniformity*2		90 %		
Contrast*2		2,000:1 (full on/full off)		
Resolution		1,920 × 1,200 pixels	1,280 × 800 pixels (Input signals that exceed this resolution will be converted to 1,280 × 800 pixels.)	1,024 × 768 pixels (Input signals that exceed this resolution will be converted to 1,024 × 768 pixels.)
Scanning frequency	HDMI/DVI-D RGB YPbPr (YCbCr)	fh: 27–100 kHz, fv: 24–120 Hz, dot clock: 25–162 MHz fh: 15–100 kHz, fv: 24–120 Hz, dot clock: 162 MHz or lower fh: 15.75 kHz, fv: 60 Hz [480i (525i)] fh: 45.00 kHz, fv: 60 Hz [720 (750)/60p] fh: 27.00 kHz, fv: 24 Hz [1080/24p] fh: 31.50 kHz, fv: 60 Hz [480p (525p)] fh: 33.75 kHz, fv: 60 Hz [1035/60i] fh: 27.00 kHz, fv: 48 Hz [1080/24sF] fh: 15.63 kHz, fv: 50 Hz [576i (625i)] fh: 33.75 kHz, fv: 60 Hz [1080 (1125)/60i] fh: 33.75 kHz, fv: 30 Hz [1080/30p] fh: 31.25 kHz, fv: 50 Hz [576p (625p)] fh: 28.13 kHz, fv: 50 Hz [1080 (1125)/50i] fh: 67.50 kHz, fv: 60 Hz [1080/60p] fh: 37.50 kHz, fv: 50 Hz [720 (750)/50p] fh: 28.13 kHz, fv: 25 Hz [1080/25p] fh: 56.25 kHz, fv: 50 Hz [1080/50p] fh: 15.75 kHz, fv: 60 Hz [NTSC/NTSC4.43/PAL-M/PAL60], fh: 15.63 kHz, fv: 50 Hz [PAL/PAL-N/SECAM]		
	Video/S-Video			
Optical axis shift	Vertical Horizontal	+60% from center of screen (manual) ±10% from center of screen (manual)	+70% from center of screen (manual) ±10% from center of screen (manual)	+60% from center of screen (manual) ±10% from center of screen (manual)
Keystone correction range		Vertical: ±40°		
Installation		Ceiling/floor, front/rear		
Terminals	HDMI IN DVI-D IN RGB 1 IN RGB 2 IN VIDEO IN S-VIDEO IN AUDIO IN 1 AUDIO IN 2 AUDIO IN 3 AUDIO OUT SERIAL IN REMOTE IN LAN	HDMI 19-pin × 1 (Deep Color, compatible with HDCP) 480p, 576p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/24p, 1080/24sF, 1080/25p, 1080/30p, 1080/60p, 1080/50p, VGA (640 × 480)–WUXGA (1,920 × 1,200)*3, compatible with non-interlaced signals only, dot clock: 25–162 MHz Audio signal: linea PCM (sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz) DVI-D 24-pin × 1 (DVI 1.0 compliant, compatible with HDCP, compatible with single link only) 480p, 576p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/24p, 1080/24sF, 1080/25p, 1080/30p, 1080/60p, 1080/50p, VGA (640 × 480)–WUXGA (1,920 × 1,200)*3, compatible with non-interlaced signals only, dot clock: 25–162 MHz BNC × 5 (RGB/YPbPr × 1) D-Sub HD 15-pin (female) × 1 (RGB/YPbPr × 1) BNC × 1 (composite video) Mini DIN 4-pin × 1 (S-Video) RCA × 2 (L, R × 1), 0.5 Vrms M3 × 1 (L, R × 1), 0.5 Vrms M3 × 1 (L, R × 1), 0.5 Vrms M3 × 1 (L, R × 1) (monitor out: 0–2.0 Vrms, variable) D-sub 9-pin (female) × 1 for external control (RS-232C compliant) D-sub 9-pin (female) × 1 for external control (contact control) RJ-45 × 1 (for network connection, 10Base-T/100Base-TX, compliant with PLink™)		
Cabinet materials		Molded plastic		
Dimensions (W x H x D)		332 × 168** × 484.5 mm (13-1/16" × 6-5/8" ** × 19-1/16") (including the lens)		
Weight		Approximately 8.5 kg (18.7 lbs)		
Operating environment		Operating temperature: 0°C–45°C (32°F–113°F), operating humidity: 20%–80% (no condensation)		
Supplied accessories		Power cord with security lock, wireless remote control unit, batteries for remote control (R6/LR6/AA type × 2), wire rope, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software Ver. 2, Wireless Manager ME 5.5)		

*1 When the standby mode is set to ECO, network functions such as power on over the LAN network will not operate. Also, only certain commands can be received for external control using the serial terminal.

*2 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.

*3 Compliant with VESA CVT-RB.

*4 With legs at shortest position.

Optional accessories

Replacement lamp unit

ET-LAD60A

ET-LAD60AW (Twin Pack)

Ceiling mount bracket

ET-PKD110H (for high ceilings)

ET-PKD110S (for low ceilings)

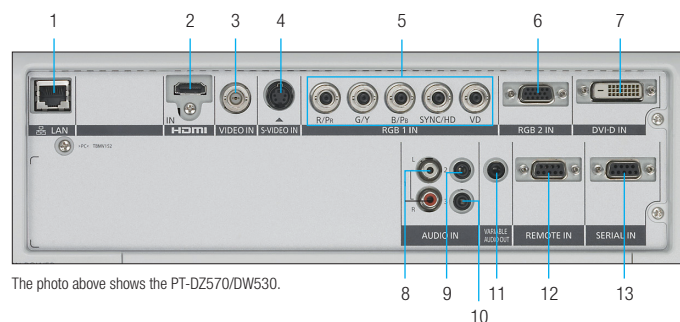
Wireless Module

ET-WM200U (for North America)

ET-WM200E (for Europe and Asia)

Terminals

- | | |
|-----------------|------------------|
| 1 LAN connector | 8 Audio 1 input |
| 2 HDMI input | 9 Audio 2 input |
| 3 Video input | 10 Audio 3 input |
| 4 S-Video input | 11 Audio output |
| 5 RGB 1 input | 12 Remote input |
| 6 RGB 2 input | 13 Serial input |
| 7 DVI-D input | |



The photo above shows the PT-DZ570/DW530.

Panasonic®



Weights and dimensions shown are approximate. Specifications are subject to change without notice. This product may be subject to export regulations. All other trademarks are the property of their respective trademark owners. Projection Images simulated. DLP, DLP logo and DLP Medallion logo are trademarks or registered trademarks of Texas Instruments. The PLink trademark is an application trademark in Japan, the United States, and other countries and regions or registered trademarks. © 2010 Panasonic Corporation All rights reserved.

All information included here is valid as of October 2010.

PT-DZ570PRE1 Printed in Japan.