

PT-D5500

The World's Brightest Installation Single Chip DLP™ -Based Projector



XGA

Over 4500 lumens

High-Quality and Reliability Functions

- **High image quality**
 - Ultra bright over 4500 lumens by dual lamp system
 - High-contrast (over 1000:1)
 - High uniformity of brightness and color
- **High reliability and easy maintenance**
 - Liquid cooling DLP™ system
 - Dustproof design with sealed optical block
 - Dual lamp system and auto lamp switching
 - Easy replacement of dust filter and lamp
- **Flexible system applications**
 - Lens-centered design
 - Horizontal/vertical lens shift
 - Optional lenses for various situation
 - Easy lens replacement
 - Multiple terminals including DVI
 - Designed for quiet operation
- **Networking**
 - Wired LAN system
 - Control/status monitoring capability via an Internet browser
 - E-mail message alert system for operating condition changes and lamp replacement
- **Other valuable features**
 - Direct power off
 - Secure, anti-theft features with chain opening
 - Removable top panel for customizing

The PT-D5500 combines a single-chip DLP™ system with Panasonic's original liquid-cooled optical system to offer the industry's highest levels of brightness, image quality, and reliability in a compact, easy-to-carry body.

With its high performance, the PT-D5500 is suitable for a wide variety of applications, from conference rooms, classrooms and churches, to control rooms and public advertising which require non-stop projector operation.

Panasonic ideas for life



NEW PRODUCT INFORMATION

A single-chip DLP™ design, liquid-cooling system and dual-lamp optical system team up to achieve brightness of over 4500 lumens as well as high reliability and quiet operation. This enables the bright, large-screen projection even in well-lit conditions.

The Panasonic original liquid-cooled system enables a hermetically sealed DMD™ section, which allows use of the PT-D5500 even in dusty locations.

The lamp auto-changer provides alternate lamp operation, allowing extended 24/7 use of the PT-D5500. The dual-lamp optical system adds reliability, letting operation continue without interruption even if one lamp burns out. The lamp power can be switched between high and low according to lighting conditions. Using low mode extends the service life of the lamp in use, and using one lamp extends the service life of the lamp not in use. Maintenance is simple, with both filter and lamps easy to replace.

The PT-D5500's lens-center design provides flexible system layout, eliminating the need for any special considerations when planning the installation site. The horizontal/vertical lens shift and Panasonic's wide lineup of optional lenses add convenience and versatility. The PT-D5500 uses the bayonet system, so lenses attach and detach with one-touch ease.

The PT-D5500 comes with a full array of input terminals -RGB x 2 (15-pin/BNC x 5), Video, S-Video and DVI -to accommodate a broad range of input sources.

The PT-D5500 has a cable LAN connector in addition to RS-232C and external remote terminals. When connected to a cable LAN system, you can operate it remotely and check its status using a Web browser on a network PC. The PT-D5500 also automatically sends an e-mail message to notify the operator when the operating condition changes or a lamp needs to be replaced, which suits it to a variety of systems and applications.

The PT-D5500 includes Panasonic's Direct Power Off feature, in which a built-in capacitor provides power to cool the internal parts. This means that you can switch off the room's main power as soon as the presentation ends. It doesn't make you wait around and helps minimize lamp damage.

Security functions help protect the PT-D5500 from unauthorized use, including a password protection function and an operation key lock function that disables the control buttons on the main unit. It also features a Kensington lock and an additional security chain opening. The top panel is removable, which makes it easy to add a user logo or change the color.

Specifications

Power supply	USA: 120V AC, 60Hz EUROPE: 220-240 V AC, 50/60 Hz	Video compability	NTSC, M-NTSC, PAL, PAL-M, PAL-N,
Power consumption	800 W (800VA) (12 W during standby mode with fan stopped)	Video	PAL60, SECAM,
DMD™ device	0.7" diagonal (4:3 aspect ratio) Display method (DMD™ x 1, DLP™ system)	YPbPr	480i, 576i, 480p, 576p, 720/60p, 1035/60i, 1080/50i
Pixels	786,432 (1,024 x 768)x 1, total of 786,432 pixels	S-Video/Video	Horizontal: 15.75/15.63 kHz, Vertical: 50/60 Hz, (PAL, PAL60, PAL-M, PAL-N, SECAM, NTSC, NTSC 4.43)
Lens	Powered zoom/focus lenses(1:1.8-1:2.5)	Optical axis shift	Horizontal (Manual) and vertical (powered) H ±10%, V 0-50%
Lamp	300 W UHM™ lamps(x 2) (Dual Lamp System)	Keystone correction range	Vertical: ±30°(with standard lens)
Screen size	70-600 inches	Terminals	RGB1 IN (BNC x 5) RGB2 IN (D-sub HD 15-pin x 1) DVI-D IN (DVI-D 24-pin x 1) S-VIDEO IN (Mini DIN 4-pin x 1) SERIAL IN (D-sub 9-pin x 1) SERIAL OUT (D-sub 9-pin x 1) REMOE 1 IN (M3 jack x 1) REMOTE 1 OUT (M3 jack x 1) REMOTE 2 IN (D-sub 9-pin x 1) Wired LAN (RJ45 x 1)
Brightness	Over 4,500 lumens or more (dual lamp, high power mode)	Power cord length	3.0m
Contrast	Over 1,000:1 (full on/full off)	Dimensions (W x H x D)	529 x 168 x 425 mm (without projection lens)
Resolution (RGB)	1,024 x 768 pixels (1,600 x 1,200 pixels compatible, compression mode)	Weight	15 kg or less
Resolution (Video)	560 TV lines		
Scanning frequency	RGB (Horizontal: 15-100 kHz, Vertical: 50-120 Hz) Dot clock(24-108 MHz)		

Supplied accessories

- Wireless/wired remote control unit
- Batteries for remote control unit
- Remote control cable

Optional Accessories

Replacement lamp unit	ET-LAD55 (1 unit)
	ET-LAD55W (set of two lamps)
Ceiling mount bracket	ET-PKL6500 (for high ceilings) ET-PKL6500S (for low ceilings)
Zoom lens (1.3-1.8:1)	ET-DLE100
Zoom lens (2.5-4.0:1)	ET-DLE200
Zoom lens (3.7-5.7:1)	ET-DLE300
Fixed-focus lens (0.8:1)	ET-DLE050

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