

PT-D3500

DLP™-Based XGA Projector



3,500 lm

Wired LAN

Full-Featured Performance a Full Class Above

• High image quality

- High-precision 0.7" DLP™ chip
- Ultra bright 3,500 lumens
- High 1,600:1 contrast ratio
- Highly uniform brightness and color

• High reliability and easy maintenance

- Dustproof design with sealed optical block
- Easily replaceable dust filter and lamp

• Flexible system applications

- Lens-centered design
- Horizontal/vertical lens shift
- Optional lenses for various venues

- Easy lens replacement

- Mechanical lens shutter

- Flexible angle setting

- Multiple terminals with AV switcher capability

• Networking

- Wired LAN system

- Web browser control/monitoring

- E-mail message alert

• Other valuable features

- Direct power off

- Quiet operation

- Anti-theft features, including security chain opening

The PT-D3500 features a high-precision, single-chip DLP™ system, outstanding brightness of 3,500 lumens, high image quality, and excellent reliability in a compact body.

The high performance of the PT-D3500 makes it ideal for a wide variety of applications, from classrooms, meeting rooms, stores, and showrooms, to restaurants and public advertising. The DLP™ system combines high image quality with solid reliability and easy maintenance. Functions include a wide variety of terminals and

wired LAN capability. Housed in a compact body, the PT-D3500 is a highly advanced system projector with little maintenance, low cost, and a high degree of flexibility. It is especially recommended for applications with long operating hours.

The effect of dust has been minimized by completely sealing the optical block. The PT-D3500's dust-free design helps ensure that this DLP™ projector will continue to deliver crisp, sharp, high-resolution images over an extended service life. The dust filter and

Specifications are subject to change without notice.

NEW PRODUCT INFORMATION

lamp are easily replaced even after the PT-D3500 is installed.

The PT-D3500'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. With the bayonet system, lenses can be attached and detached with one-touch ease. The mechanical lens shutter is a bonus that is not generally found in this class. The PT-D3500 can also be rotated vertically. This means you can install it at any up-and-down angle you wish to accommodate different installation conditions.

The PT-D3500 comes with a full array of input terminals,

including a DVI-D connector and audio input/output terminals. This eliminates the need for additional equipment, such as a DVI-RGB converter or AV switcher, for system expansion.

When the PT-D3500 is connected to a wired LAN system, you can operate it remotely and check its status using a Web browser on a network PC. The projector 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.

Other valuable features include direct power off, quiet operation, and a host of security features (password, operation key lock, Kensington lock and security chain opening).

Specifications

Power supply	100–240 V AC, 50/60 Hz		
Power consumption	410 W (10 W in standby mode with fan stopped)		
DMD™ device	4:3 aspect ratio		
Panel size	0.7" (17.78 mm) diagonal		
Display method	DMD™ x 1, DLP™ system		
Pixels	786,432 (1,024 x 768) x 1, total of 786,432 pixels		
Lens	Powered zoom/focus lenses (1–1.36), F 1.7–2.0, f 25.6–33.8 mm		
Lamp	300 W UHM lamp		
Screen size	50–600 inches		
Brightness	3,500 lumens (contrast mode: high)		
Contrast	1,600:1 (full on/full off, contrast mode: high) 800:1 (full on/full off, contrast mode: normal)		
Resolution RGB	1,024 x 768 pixels (1,600 x 1,200 pixels compatible, compression mode)		
Video	560 TV lines		
Scanning frequency	Horizontal: 15–91 kHz, Vertical: 50–85 Hz, Dot clock: Less than 108 MHz		
RGB	480i: fh 15.75 kHz; fv 60 Hz, 576i: fh 15.63 kHz; fv 50 Hz, 480p: fh 31.5 kHz; fv 60 Hz, 576p: fh 31.25 kHz; fv 50 Hz, 720/60p: fh 45 kHz; fv 60 Hz, 1035/60i: fh 33.75 kHz; fv 60 Hz, 1080/60i: fh 33.75 kHz; fv 60 Hz, 1080/50i: fh 28.13 kHz; fv 50 Hz		
YPbPr (YCbCr)	Horizontal: 15.75/15.63 kHz, Vertical: 50/60 Hz, (PAL, PAL60, PAL-M, PAL-N, SECAM, NTSC, NTSC4.43)		
S-Video/Video	Horizontal: 15.75/15.63 kHz, Vertical: 50/60 Hz, (PAL, PAL60, PAL-M, PAL-N, SECAM, NTSC, NTSC4.43)		
Optical axis shift	Horizontal (manual) and vertical (powered), horizontal: 6:4–4:6, vertical: 0:10–10:0		
Keystone correction range	Vertical: ±30°		
Installation	Ceiling/floor, front/rear		
Terminals	DVI-D 24-pin x 1		
DVI-D IN	M3 (L, R) x 1, 0.5 Vrms		
DVI-D AUDIO IN	5 BNC x 1		
RGB1 IN	G: 0.7 Vp-p (G: 1.0 Vp-p for sync on G), 75 ohms, B, R: 0.7 Vp-p, 75 ohms		
R, G, B	HD, VD/SYNC: TTL (positive/negative) Y: 1.0 p-p (sync signal included), 75 ohms, Pb, Pr: 0.7 Vp-p, 75 ohms		
Y, Pb, Pr	M3 (L, R) x 1, 0.5 Vrms		
RGB1 AUDIO IN	D-sub HD 15-pin x 1		
RGB2 IN	0.7 Vp-p (G: 1.0 Vp-p for sync on G), 75 ohms, B, R: 0.7 Vp-p, 75 ohms		
R, G, B			
		Y, Pb, Pr	
		RGB2 AUDIO IN	
		VIDEO IN	
		VIDEO AUDIO IN	
		S-VIDEO IN	
		S-VIDEO AUDIO IN	
		SERIAL IN	
		REMOTE 1 IN	
		REMOTE 2 IN	
		LAN	
		Power cord length	
		Cabinet material	
		Dimensions (W x H x D)	
		Weight	
		Operating temperature	
		Operating humidity	
		Remote Control Unit	
		Power supply	
		Operation range*	
		Dimensions (W x H x D)	
		Weight	

HD, VD/SYNC: 75 ohms, TTL (positive/negative polarity)

Y: 1.0 p-p, 75 ohms, Pb, Pr: 0.7 Vp-p, 75 ohms

M3 (L, R) x 1, 0.5 Vrms

RCA pin x 1, 1.0 Vp-p, 75 ohms

RCA pin (L, R) x 1, 0.5 Vp-p, 75 ohms

Mini DIN 4-pin x 1, Y: 1.0 Vp-p, C: 0.286 Vp-p,

75 ohms

RCA pin (L, R) x 1, 0.5 Vp-p, 75 ohms

D-sub 9-pin x 1 (RS-232C compliant) for

external controller

M3 jack x 1 for wired remote control

D-sub 9-pin x 1 for external control (parallel)

RJ-45 x 1

3.0 m (9.8')

Molded plastic (ABS/PC)

332 x 168 x 425 mm

(13-1/16" x 6-5/8" x 16-23/32")

7.9 kg (17.4 lbs)

0–40°C (32–104°F)

20%–80% (no condensation)

3 V DC (AAA battery x 2)

Approx. 7 m when operated from directly in front of the signal receptor

45 x 145 x 24.5 mm (1-3/4" x 5-11/16" x 31/32")

Approx. 115 g (4.1 oz.) (including batteries)

*1: In AI mode.

*2: Operation range differs depending on the environment.

Supplied Accessories

- Power cord
- Wired/wireless remote control unit
- Batteries for remote control (x 2)

Optional Accessories

ET-LAD35	Replacement lamp unit
ET-LAD35L	Replacement long-life lamp unit
ET-PKD35	Ceiling mount bracket
ET-PKD35S	Ceiling mount bracket for low ceilings
ET-DLE100	Zoom lens (1.3–1.8:1)
ET-DLE200	Zoom lens (2.5–4.0:1)
ET-DLE300	Zoom lens (3.7–5.7:1)
ET-DLE400	Zoom lens (5.7–8.0:1)
ET-DLE050	Fixed-focus lens (0.8:1)
ET-RMRC2	Wireless mouse receiver

Panasonic

Specifications are subject to change without notice. Weights and dimensions shown are approximate. UHM is a trademark of Matsushita Electric Industrial Co., Ltd. VGA and XGA are trademarks of International Business Machines Corporation. SVGA is a registered trademark of the Video Electronics Standards Association. All other trademarks are the property of their respective trademark owners.