



The 3D Ready Sharp PG-D45X3D BrilliantColor DLP Projector incorporates DLP Link™ technology for high quality 3D projection from a single projector. In addition to operating as a traditional “2D” projector, this future-proof model projects stunning 3D imagery that appears to come to life. This Sharp projector is well suited for classroom / lecture hall use, corporate meeting rooms, scientific and medical imaging, architecture and engineering, house of worship, rental/staging, trade shows and other public events.

**3D Ready.** Make sure your projector is ready for use with new 3D content. Incorporating DLP Link technology, when used with compatible 3D field sequential content and active shutter 3D glasses (not included) that support the DLP Link system, the PG-D45X3D captivates audiences with breathtaking 3D imagery. The PG-D45X3D offers 3D support with both 60 Hz and 120 Hz XGA (1024 x 768) and SVGA (800 x 600) sources. Please refer to the product operation manual and [www.sharppusa.com](http://www.sharppusa.com) website for more specific 3D compatibility information and FAQs. (When not being used for 3D projection, the PG-D45X3D offers full compatibility with traditional “2D” content.)

**4500 ANSI Lumens, XGA Native Resolution.**

**BrilliantColor DLP Technology and Five-Segment Color Wheel** for superior color accuracy with more realistic image reproduction.

**2500:1 Contrast Ratio, 1:1.15x Manual Zoom Lens and up to 500” (diagonal) Screen Size** for exceptionally high image quality and flexibility for use in almost any venue or application.

**Wide Complement of Input/Output Terminals.** Inputs include HDCP Compliant DVI-I, RGB/Component, S-Video, Composite, and Stereo Audio. Outputs are provided for RGB Loop-through and Stereo Variable Audio Line-Out. Control and communications terminals include RJ-45 LAN, USB and RS-232C.

**High Output 10 Watt Audio System (Stereo – 5 Watts per Channel).** Selectable Variable (“VAO”) or Fixed Variable Audio Line-Out is also provided to use the projector with an external sound system or powered loudspeakers.

**RJ-45 Network Connector** permits remote access by web browser, diagnosis and auto-e-mail sending, and ability to link to a specific website for service and support.

**Free Downloadable Sharp Display Manager™ Software** for multiple projector management and monitoring for theft protection.

**Sealed DLP Chip with Filter-Free Design** for lower maintenance and operating costs.

**On-Screen Setup Guide and “Help” Function.**

**Built-In Closed Caption Decoder** with black and white text.

**Presentation Assist Functions (by remote control)** include page up/down, GUI (Graphic User Interface) pointer, spotlight and mouse control. Pointer offers choice of five on-screen icons; Spotlight function highlights box or row of information.

**Unique Slide Lens Cover** helps protect the lens from dust and provides an instant lens shutter. Additionally, as a safety feature, if the lens cover is kept closed for more than 30 minutes, the Auto Power-Off function automatically turns the projector off.

**Shutter Door on Lamp Housing** helps keep glass confined in the event of lamp breakage. The user replaceable lamp assembly additionally offers front access for easy replacement.

**Enhanced Anti-Theft Design** includes LAN monitor function, reinforced metal security bar, metal security plate (for use with ceiling bracket) and optional security cable kit (for use with ceiling bracket).

### Screen Size and Projection Distance

#### 4:3 Aspect Ratio (Normal Mode)

Projection (Screen) Size			Projection Distance [L]		Distance from the lens center to the bottom of the image
Diag. [X]	Width	Height	Minimum [L1]	Maximum [L2]	
500"	400"	300"	49' 0"	–	4 15/32"
400"	320"	240"	39' 3"	45' 3"	3 37/64"
300"	240"	180"	29' 5"	33' 11"	2 11/16"
250"	200"	150"	24' 6"	28' 3"	2 15/64"
200"	160"	120"	19' 7"	22' 7"	1 51/64"
150"	120"	90"	14' 9"	17' 0"	1 11/32"
120"	96"	72"	11' 9"	13' 7"	1 5/64"
100"	80"	60"	9' 10"	11' 4"	57/64"
80"	64"	48"	7' 10"	9' 1"	23/32"
70"	56"	42"	6' 10"	7' 11"	5/8"
60"	48"	36"	5' 11"	6' 9"	17/32"
40"	32"	24"	3' 11"	4' 6"	23/64"



Back Panel

Model Number	PG-D45X3D
3D Ready	Yes. Compatible with DLP® Link™ Technology
Display Device	Single 0.7" DLP chip x 1
Native Resolution/Aspect Ratio	XGA (1024 x 768) / 4:3
Brightness/Contrast Ratio	4,500 ANSI Lumens/ 2500:1
Manual Zoom/Focus Lens	1.15x Zoom (f = 21.0 ~ 24.2mm), F2.5 ~ 2.7
Screen Size (Min/Max)	40" (102cm) to 500" (1,270cm) diagonal
Input Signals – Computer RGB	UXGA*1,*2 / WSXGA+*1,*2 / SXGA+*1 WXGA *1 / XGA / SVGA / VGA Mac 21" / 19" / 16" / 13"
Input Signals – DTV/HDTV	1080p / 1080i / 720p / 576p / 576i / 540p / 480p / 480i; NTSC / PAL / SECAM
Input Terminals	1 - DVI-I (RGB/HDCP); 1 - Computer/Component (mini D-sub 15 pin); 1 - S-Video (mini DIN 4 pin); 1 - Composite Video (RCA pin type); 1 - Stereo Audio (3.5mm stereo mini jack); 1 - Stereo Audio (RCA L/R)
Output Terminals	1 - Computer / Component (mini D-sub 15-pin); 1 - Stereo Variable Audio Line Out (3.5mm stereo mini jack)
Control and Communications Terminals	LAN (RJ-45); USB (type B); RS-232C (mini D-sub 9 pin)
Control System Compatibility	Crestron®, AMX®, Extron®, Bitlogix®
Closed Caption	Yes (CC1, CC2)
On-Screen Display Languages	English, German, Spanish, Dutch, French, Italian, Swedish, Portuguese, Russian, Polish, Hungarian, Turkish, Arabic, Persian, simplified Chinese, Korean, Japanese
Horizontal/Vertical Frequency	15 – 110 kHz (H) / 45 – 85 Hz (V)
Audio System	Stereo – 5 Watts per Channel (total 10 Watts)
Fan Noise	35 dB (Bright), 30 dB (Eco+Quiet)
Lamp Module	AN-D400LP or AN-D400LP/1 (330 W, user replaceable with front access)
Estimated Lamp Life	2000 hours (Bright), 3000 hours (Eco+Quiet)
Power Source	100 – 240V, 50/60 Hz, 4.5 A input current
Power Consumption (Standby)	429 W (10.2W) at 100V AC; 408 W (10.8 W) at 240V AC 429 W (10.6W) at 100V AC; 408 W (11.2 W) at 240V AC
Operating/Storage Temperature	41°F to 95°F (+5°C to 35°C) / -4°F to 140°F (-20°C to +60°C)
IR Wireless Remote Control	Yes – with Presentation Assist Functions (3D on/off, page up/down, graphic user interface [GUI] pointer, spotlight and mouse control)
Heat Dissipation	1610 BTU / hour with AV 100V (Bright), 1200 BTU / hour with AC 100V (Eco+Quiet) 1530 BTU / hour with AV 240V (Bright), 1150 BTU / hour with AC 240V (Eco+Quiet)
Safety Approval	UL, FCC Class A
Main Body Dimensions W x H x D	15-3/4" x 4-15/16" x 13-13/64" (400 x 100 x 335 mm)
Weight (Approx.)	12.8 lbs. (5.8 kg)
Included Accessories	Wireless Remote Control; two AA Batteries; 6' AC Power Cord; 10' RGB Signal Cable; Operation Manual, CD-ROM
Optional Accessories	AN-XGCM55 Ceiling Mount Bracket; AN-EP101B Ceiling Mount Extension Tube; AN-JT200 Angle-Mount Joint for ceiling mount; AN-CMCSS16 16" Security Cable System (for use with ceiling mount); AN-CMCSS46 46" Security Cable System (for use with ceiling mount); AN-C3CP2 3-RCA to 15-pin D-sub cable (10'); AN-MR2 Remote IR Receiver (for forward/back presentation control in ceiling mount installations); AN-D400WCC Hard-Shell Wheeled Storage Bag; AN-D400SC "ATA" Style Shipping Case
UPC	074000365933
Limited Warranty*3	3 Years Parts and Labor including 3 Years "ER" 24-Hour Turnaround Express Repair. (90 day warranty on user-replaceable projection lamp.)

\*1 Compatible in intelligent compression

\*2 Analog RGB signal only

\*3 See warranty statement included with product, or as PDF download at [www.sharppusa.com](http://www.sharppusa.com)

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[www.sharppusa.com/projectors](http://www.sharppusa.com/projectors)

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