

Compact, Low-Cost 3D Ready BrilliantColor™ DLP® Projector for Education and Business Applications



The Sharp PG-D2510X offers exceptionally high performance and connectivity at a very affordable price. Designed for school and business use, the PG-D2510X utilizes the latest BrilliantColor DLP technology with DLP Link™ (for high quality 3D projection from a single projector). Additional key features include 2500 Lumens brightness, 7 Watt audio system, built-in closed caption decoder and sealed DLP chip with filter-free design. Built in an ISO 14001 certified factory, with standby power consumption as low as 0.32W and estimated lamp life of up to 5,000 hours (in eco mode), this slim and lightweight RoHS compatible projector is exceptionally environmentally friendly.

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 PC, and optional 3D shutter glasses that support the DLP Link system, the PG-D2510X captivates audiences with breathtaking 3D imagery. This model offers 3D support with both 60 Hz and 120 Hz XGA (1024 x 768) and SVGA (800 x 600) sources. When not being used for 3D projection, the PG-D2510X offers full compatibility with traditional "2D" content.

High Brightness and Contrast. 2500 Lumens with 1100:1 Contrast Ratio.

High Output 7 Watt Audio System.

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

Wide Complement of Input/Output Terminals. Inputs include RGB/Component Video, another RGB/Component Video port selectable for use either as a second input or loop-through output, S-Video, Composite Video, two Stereo Audio Inputs and Stereo Variable Audio Line Output. Control and Communications terminals include RS-232C and USB.

DTV/HDTV Compatibility with both 4:3 and 16:9 aspect ratios.

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

Screen Size and Projection Distance Normal Mode (4:3)

Projection (Screen) Size			Projection Distance [L]		Distance from the lens center to the bottom of the image [H]
Diag. [X]	Width	Height	Minimum [L1]	Maximum [L2]	
300"	240"	180"	34' 0"	41' 3"	7 1/4"
200"	160"	120"	22' 8"	27' 6"	4 53/64"
150"	120"	90"	17' 0"	20' 7"	3 3/8"
120"	96"	72"	13' 7"	16' 6"	2 57/64"
100"	80"	60"	11' 4"	13' 9"	2 27/64"
80"	64"	48"	9' 1"	11' 0"	1 15/64"
60"	48"	36"	6' 10"	8' 3"	1 29/64"
40"	32"	24"	4' 6"	5' 6"	3/32"

Note: Allow a margin of error in the values in the diagram above.

"Quick Start" On-Screen Setup Guide; Built-in Closed Caption Decoder.

Wall Color Screen Adjustment Function for use with whiteboards and blackboards.

Presentation Assist Functions (by remote control) include 3D Mode on/off, page up/down, GUI (Graphic User Interface) pointer, spotlight and mouse control. Pointer offers a choice of five on-screen icons; Spotlight function highlights a box or row of information.

Audio Pass-Through (standby audio out). Permits the audio output terminal to be used when the projector is in standby mode. [Projector must be set to Standby Audio-Out: On and Standby Mode: Quick Start.]

Unique Slide Lens Cover helps protect lens from dust and provides an instant lens shutter. In the event the lens cover is kept closed for more than 30 minutes, the projector turns off automatically for safety.

Enhanced Anti-Theft Design includes LAN monitor function, reinforced metal security bar, Kensington™ lock compatibility and optional security cable kit (for use with optional ceiling mount bracket).

Shutter Door on Lamp Housing helps keep glass confined in the event of lamp breakage.



Rear Panel

Specifications

Model Number	PG-D2510X
3D Ready	Yes. Compatible with DLP Link™ Technology
Display Device	0.55" DLP® Chip x 1 with BrilliantColor™ Technology
Color Wheel	6-Segment
Native Resolution/Aspect Ratio	XGA (1024 x 768) / 4:3
Brightness/Contrast Ratio	2500 Lumens / 1100:1
Manual Zoom/Focus Lens	1:1.2x Zoom (f = 19.0~22.7mm), F 2.4~2.6
Screen Size (Min/Max)	40" (102cm) to 300" (762cm) diagonal
Input Signals - Computer RGB	UXGA*1, SXGA+*1, SXGA*1, WXGA*1, XGA, SVGA / Mac 21"*1, 19", 16", 13"
Input Signals - DTV/HDTV	1080p, 1080i, 720p, 576i, 540p, 480p, 480i; NTSC, PAL, SECAM
Input Terminals	1 - Computer/Component (mini D-sub 15 pin); 1-Computer/Component (mini D-sub 15-pin) selectable as input or loop-through output; 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) selectable as input or loop-through output; 1 - Stereo Variable Audio Line Out (3.5mm stereo mini jack)
Control and Communications Terminals	USB (type B); RS-232C (mini DIN 9-pin)
Control System Compatibility	Crestron®, AMX®, Extron®, Bitlogix®
Closed Caption	Yes (CC1, CC2)
On-Screen Display Languages	English, German, Spanish, French, Dutch, 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	7 Watts (Monaural)
Fan Noise (Eco+Quiet Off/On)	34 dB / 30 dB
Lamp Module	AN-D350LP or AN-D350LP/1 ; 210 Watt DC, User-Replaceable
Estimated Lamp Life	Up to 3,000 Hours (Eco+Quiet: Off); Up to 5,000 Hours (Eco+Quiet: On)
Power Source	100 - 240V, 50/60 Hz, 2.8A current
Power Consumption	274W @ 100V (0.32W standby mode); 265W @ 240V (0.77W standby mode)
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)
Picture Modes	Standard, Presentation, sRGB, Movie, Game
Heat Dissipation	940 BTU / hour with AC 100V (Eco+Quiet: Off); 740 BTU / hour with AC 100V (Eco+Quiet: On); 910 BTU / hour with AC 240V (Eco+Quiet: Off); 720 BTU / hour with AC 240V (Eco+Quiet: On)
Safety Approval	UL, FCC Class A
Main Body Dimensions (W x H x D)	11-52/64 x 3-1/8 x 9-19/64 (300 x 79 x 236 mm)
Weight	6.2 lbs. (2.8 kg)
Included Accessories	Wireless Remote Control; two AA Batteries, 6' AC Power Cord; 10' RGB Signal Cable; Operation Manual, CD-ROM
Optional Accessories	X102 3D Active Shutter Glasses; AN-XRCM30 Ceiling Mount Bracket; AN-EP101B Ceiling Mount Extension Tube; AN-JT200 Angle-Mount Joint for ceiling mount; AN-CMCS16 16" Security Cable System (for use with ceiling mount); AN-CMCS46 46" Security Cable System (for use with ceiling mount and extension tube); AN-C3CP2 3-RCA (component video) to 15-pin D-sub cable (10'); AN-A1RS RS-232C Adapter; AN-MR2 Remote IR Receiver (for forward/back presentation control in ceiling mount installations); AN-C500SB Light Duty Storage Bag; AN-D200WCC Hard-Shell Wheeled Storage Bag.
UPC	074000374010
Limited Warranty*2	3 Years Parts and Labor including 3 Years of "ER" 24-hour turnaround Express Repair. 90 day warranty on user-replaceable projection lamp.

*1 Compatible in intelligent compression

*2 See warranty statement included with product, or as PDF download at www.sharppusa.com

Design and Specifications are subject to change without notice.

Brightness values indicate overall average values of the product at the time of manufacture and are stated based on ISO 21118-2005. This international standard replaces the ANSI lumens ratings.

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