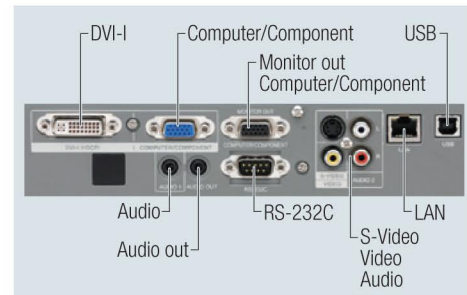


PG-D50X/D40W3D



The PG-D50X3D and PG-D40W3DX are identical in front, top and side cabinet appearance with the exception of the model number indication.

Rear terminals (PG-D50X)



3D Signal Compatibility

PC/MAC	Mode	Resolution	Vertical frequency [Hz]	Analog support	
				PG-D40W3D	PG-D50X3D
Computer	SVGA	800 x 600	60	○	○
			120	○	○
	XGA	1,024 x 768	60	○	○
			120	○	○
	WXGA	1,280 x 720	60	○	—
			120	○	—

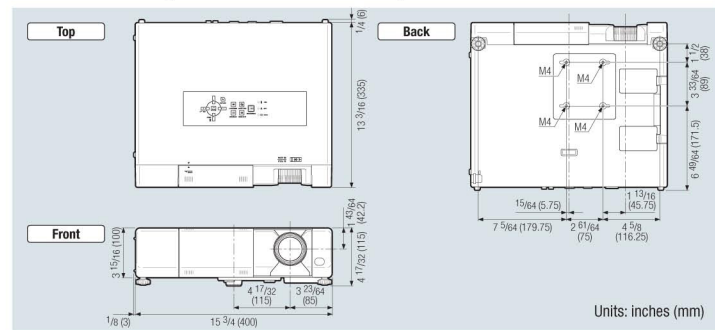
* HDMI input is not supported. (PG-D40W3D)

Specifications

Models	PG-D50X3D	PG-D40W3D
Display devices	0.7" DLP® chip x1	0.65" DLP® chip x1
Resolution	XGA (1024 x 768)	WXGA (1280 x 800)
Brightness	5,000 ANSI lumens	4,000 ANSI lumens
Contrast ratio	2500:1	2200:1
Lens	F 2.5 to 2.7	
	Zoom Manual, x 1.50 (f = 21.0 to 24.2 mm)	
	Focus Manual	
Picture size	40" (102 cm) to 500" (1,270 cm)	
Projection distance	40" (1.2 to 1.4 m), 100" (3.0 to 3.4 m), 500" (14.9 m)	
Input signals	Computer RGB	LXGA** / WSXGA+** / SXGA+ / SXGA** / WXGA* / XGA / SVGA / VGA
		Mac 21" / 19" / 16" / 13" / 1080P / 1080i / 720P / 576P / 576i / 540P / 480P / 480i / NTSC / PAL / SECAM
Input terminals	DVI	1
	HDMI	—
	DVI-I (Compatible with HDCP)	1
	Computer / Component (mini D-sub 15 pin)	1
	S-Video (mini DIN 4 pin)	1
	Video (RCA)	1
	Audio (3.5mm stereo minijack)	1
	Audio (RCA)	1 (L/R)
Output terminals	Computer / Component (mini D-sub 15 pin)	1
	Audio (3.5mm stereo minijack)	1 (variable audio output)
Control and communication terminals	LAN (RJ-45)	x1
	USB (Type B)	x1
	RS-232C (mini DIN 9 pin)	x1
Horizontal frequency	15 to 110 kHz	
Vertical frequency	45 to 85 Hz	
Speakers	5 W x 2 (Stereo)	
Fan noise	41 dB (Bright), 36 dB (Eco+Quiet)	37 dB (Bright), 30 dB (Eco+Quiet)
Projection lamp	375 W	330 W
Lamp life	2,500 hours (Eco+Quiet)	3,000 hours (Eco+Quiet)
Rated voltage	AC 100 to 240 V	
Rated frequency	50 / 60 Hz	
Input current	4.5 A	
Power consumption (Standby)	484 W (10.2 W) with AC 100 V, 458 W (10.8 W) with AC 240 V	429 W (10.2 W) with AC 100 V, 408 W (10.8 W) with AC 240 V
Operation temperature	41°F to 95°F (+5°C to +35°C)	
Dimensions (main body only) 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)	
Supplied accessories	Remote control, Two R-6 batteries, Power cord (6' (1.8 m)), RGB cable (10' (3.0 m)), Operation manual, CD-ROM	

Design and specifications are current as of July 2010, but are subject to change without notice. *1 Compatible in intelligent compression. *2 Compatible only with analogue RGB signals depending on the signal. • DLP® and the DLP logo are registered trademarks of Texas Instruments. • BrilliantColor™ is a trademark of Texas Instruments. • All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers. Sharp makes no warranties or representations of any kind with respect to these products. • The lamp life may vary depending on the usage condition. • Brightness values indicate overall average values of the product at the time of shipment and are stated based on ISO 2118-2005.

Dimensions (PG-D50X/D40W3D)



Optional Accessories

Lamp

AN-D500LP
(for PG-D50X3D)
AN-D400LP
(for PG-40W3D)

USB Remote Receiver

AN-MR2

Ceiling Mounts

AN-TK202
For standard ceiling installation

AN-60KT
Installation adaptor

AN-TK201
For high ceiling installation

Note: Some of the optional accessories may not be available depending on the region. Please check with your nearest Sharp Authorized Projector Dealer or Service Center.

Precautions on Viewing Stereoscopic 3D

- The sense of three-dimensionality may vary between individuals.
- Viewing stereoscopic 3D may cause discomfort or eye strain.
- For protection of proper eye development, children should avoid viewing stereoscopic 3D.
- Avoid viewing stereoscopic 3D if you have a pre-existing oversensitivity to light, sleep disorder, heart disease, or are pregnant, in poor health, feeling unwell, or inebriated.
- Read the operation manual carefully to ensure viewing stereoscopic 3D with safety and comfort.

SHARP

PG-D50X3D/D40W3D

True XGA/WXGA Data Projectors



New 3D-ready projectors provide high-brightness images with convenient features and reliable performance for business and education



SHARP CORPORATION OSAKA, JAPAN

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3D-ready performance and high-brightness with easy-to-use functions in a stylish body offer a wide range of application advantages in business and education

High-Quality Picture

NEW

3D Ready

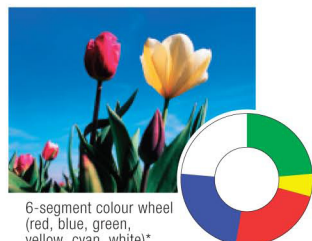
Make sure your projector is ready to be used for new 3D content. Incorporating DLP® Link™ technology, the projector captivates audiences with breathtaking 3D imagery.



BrilliantColor™ Technology with Five-Segment Colour Wheel
BrilliantColor™ Technology improves picture brilliance particularly for intermediate colours, providing natural, detailed images. Sharp has also developed a 2x Speed Colour Wheel with five colour segments including cyan added to red, green, blue, and white. With Sharp's unique colour matching technology and these five colour combinations, images can be reproduced with highly realistic colours.



4-segment colour wheel (red, blue, green, white)

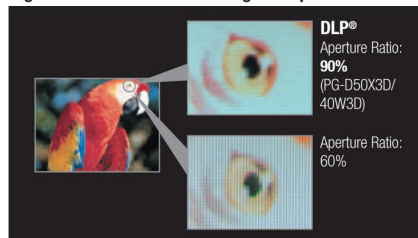


6-segment colour wheel (red, blue, green, yellow, cyan, white)*

DLP® Digital Image

Using a DLP® chip, each pixel is individually composed of one of over a half a million micromirrors to produce a high resolution, and the micromirrors lie at a distance of merely one micron, providing a seamless finely detailed picture. Also, high-speed on/off switching delivers smooth moving scenes.

High-Resolution Seamless Image Comparison*



DLP® Aperture Ratio: 90% (PG-D50X3D/40W3D)

Aperture Ratio: 60%

Requirements for Viewing 3D

- 1) Source device that supports the field sequential format.
 - Refer to the Compatibility Chart on the back page for information on supported signals.
 - 3D formats other than field sequential, such as formats used for Blu-ray 3D and DVD prepackaged media, are not compatible with these projectors (as of May 2010).
- 2) 3D LCD shutter glasses that support the "DLP® Link™" system

* A picture simultaneously projected from more than two projectors may not appear 3D.
* Contact your nearest Sharp authorized projector dealer for purchasing details.
* For additional information about the DLP® Link™, visit: <http://www.dlp.com/projector/dlp-innovations/3d-ready.aspx>

High Brightness

Sharp's advanced optoelectronics technology maximizes light output, providing crystal clear images in high brightness of 5000, 4500, and 4000 lumens for the PG-D50X3D and PG-D40W3D respectively.

WXGA Compatibility (PG-D40W3D only)

The 16:9 wide-screen aspect ratio is becoming increasingly common for TV broadcasts and computers, and the PG-D40W3D uses wide-screen-compatible WXGA (1,280 x 800). WXGA (wide XGA) provides a viewing area 1.3 times wider than standard XGA (1,024 x 768). With WXGA, cable and satellite broadcasts as well as DVD video can be displayed in their full native size.

Convenience and Reliability

Sliding Lens Cover

The lens cover can be slid closed to protect the lens from dust and damage while the projector is not being used. It is possible to completely close the lens cover and interrupt the projection with the power still on. If the lens cover is kept closed for 30 minutes, the projector turns off automatically for safety.



The photos are for the PG-D50X3D

Lamp Replacement System



You can exchange the lamp easily and safely even when the projector is mounted on the ceiling or in another high location.

Safe Lamp Housing Structure

When the lamp is removed from the projector for replacement, the internal lamp shutter door automatically closes, ensuring safe replacement in the event that the lamp breaks.

Filter-Free Design

When the projector is being used, the lamp door remains open, and the lamp heat burns off dust, so there is no need to worry about filter clogging or costs for filter replacement. The sealed DLP chip with filter-free design helps ensure lower maintenance and operating costs.

Security Bar



A reinforcing bar for the antitheft cable is mounted at the corner of the projector for theft prevention.

Metal Security Plate

The joint area for the ceiling mount adaptor is reinforced by a metal plate that deters theft.

Easy and Convenient Presentation Operations

High-Output Speaker

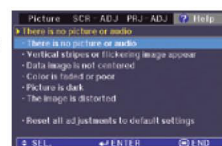
Enjoy clear audio with 10 W (5 W x 2) of power from videos or other sources without troublesome connections to audio devices.

Quick Start

It takes only approx. 5 seconds to project the image.

Interactive Help Menu

The help menu displays any problems and assists the user in solving problems with operation.



Direct Power Off

Direct Power Off lets users unplug the projector and take it from the location without waiting for it to cool down. In addition, it also helps control the power simultaneously for multiple projectors by allowing use of the room's primary power switch and the projector's auto restart function.

Remote Control with GUI Pointer and Spotlight

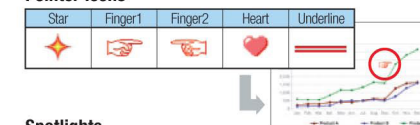
Five different icons can be displayed to effectively use for your presentations.

Three spotlight sizes, ranging from 1/25, 1/9 or 1/8 the screen, provide visual effects to focus on the specified subject.

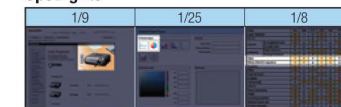
Also, the remote control range is increased to 10 m, 40% longer than conventional models.



Pointer Icons



Spotlights



Sharp's Unique Network System*

Web Browser Control

Web browser control enables remote access and management of the projector by utilizing built-in firmware without the need for additional special software.

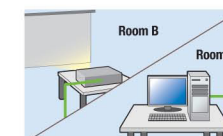
Link to a Specific Website for Service and Support

The projector can be registered to a specific website for maintenance service and support. For example, the projector can send an error message, such as to notify that the lamp is burnt out, to a web address automatically selected. The address accessed for maintenance is also shown on the display.



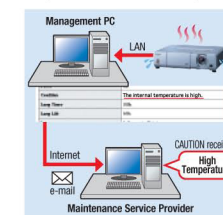
Remote Access for Control and Adjustment

Projector control functions, including power on, input select, volume, and AV mute, can be controlled and adjusted by a computer even in another room.



Diagnosis and Auto Email Alert

Email is automatically sent to appointed addresses when detecting an error message, such as the lamp going out, unusual heating or cooling fan breakdown.



- 4:3 and 16:9 Aspect Ratios and HDTV/DTV and DVD Compatible (1080P, 1080i, 1035i, 720P, 576P, 576i, 540P, 480P and 480i).
- Image Shift Function
Images projected in wide format can be vertically shifted for better viewing in limited spaces.
- Theft Deterrent Function "System Lock"
- Keylock Function
- 1:1.15x Manual Zoom and Focus
- Standby Power: 458 W (D50X3D), 408 W (D40W3D) in Standby Mode for Quick Start
- 1080i IP conversion

Control with Downloadable Display Manager

A greater variety of network projector control options can be used when the Sharp Display Manager* is installed on the main computer.

* Sharp Display Manager can be downloaded from the Sharp Global Home Page for free. Sharp Global Homepage URL: <http://sharp-world.com/projector/>

- Remote Access for Multiple and Group Projector Control
- Periodic/Error Diagnosis and Auto Email Alert
- Theft Detection and Message (Network Surveillance System)

PJLink™ Capability

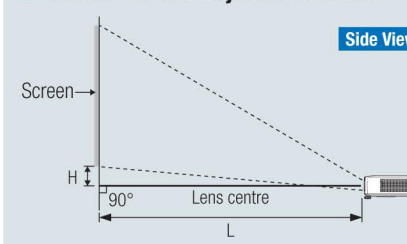
The projectors are compatible with devices that support PJLink™, enabling systems to be easily built for centralized management and operation using a controller. For additional information about the PJLink™, visit <http://pjlink.jbma.or.jp/english/>

Control System Compatibility

The projectors provide superior compatibility with various control systems such as Crestron, AMX and Extron.



Screen Size and Projection Distance



PG-D50X3D NORMAL Mode (4:3)

Picture size	Projection distance [L]		Distance from the bottom of the image to the lens centre [H]
	Minimum	Maximum	
500"	400" (1016)	300" (762)	49'0" (14.9m)
300"	240" (610)	180" (457)	29'5" (9.0m)
200"	160" (406)	120" (305)	19'7" (6.0m)
100"	80" (203)	60" (152)	9'10" (3.0m)
60"	48" (122)	36" (91)	5'11" (1.8m)
40"	32" (81)	24" (61)	3'11" (1.2m)

PG-D40W3D NORMAL Mode (16:10)

Picture size	Projection distance [L]		Distance from the bottom of the image to the lens centre [H]
	Minimum	Maximum	
500"	424" (1077)	265" (673)	52'8" (16.1m)
300"	254" (646)	159" (404)	31'7" (9.8m)
200"	170" (431)	106" (269)	21'1" (6.4m)
100"	85" (215)	53" (135)	10'6" (3.2m)
60"	51" (129)	32" (81)	6'4" (1.9m)
40"	34" (86)	21" (54)	4'3" (1.3m)

* Allow a margin of error in the above values.