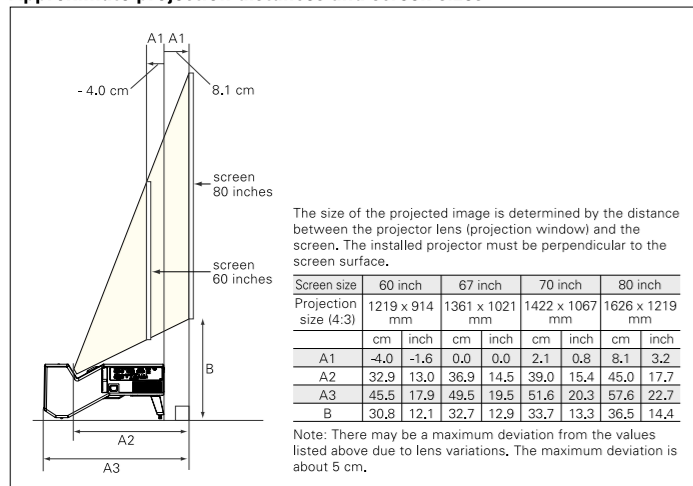


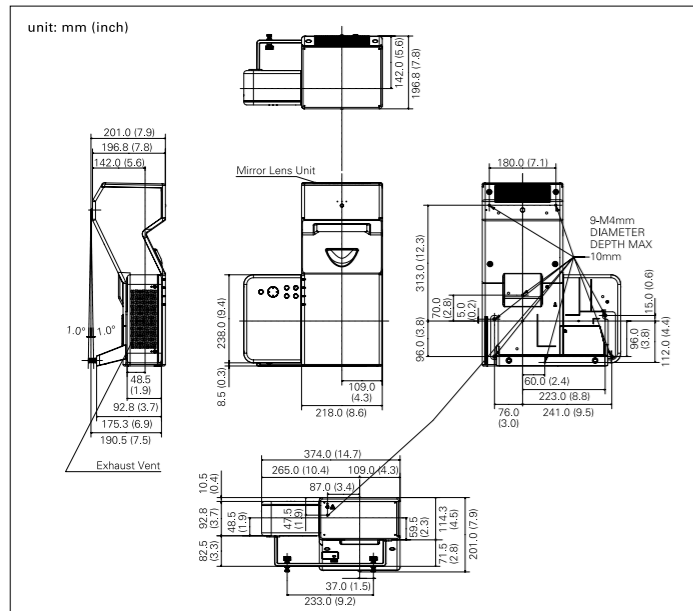
Option



Approximate projection distances and screen sizes



Dimensions



Wall-mount Installation example

- PLC-XL51A
- + POA-CHB-XL50
- + POA-CHS-PS02
- + POA-CH-EX03A



Specifications

Product Number	PLC-XL51A	PLC-XL50A
System	RGB LCD shutter projection system	
LCD Panel	Size: 0.8" type x 3, aspect ratio 4:3 Pixels: 786,432 (1024 x 768) x 3 Total Pixels 2,359,296	
Light Source	275 W	230 W
Screen Size	Minimum 60" - Maximum 80" (Projection distance varies with the mounting position)	
Color Reproducibility	Full color (16.77 million colors)	
Brightness	2,700 lumens	2,000 lumens
Contrast *1	1,200:1	700:1
Speaker	2.0 W Mono	
Scanning Frequency	Horizontal: 15-100 KHz; Vertical: 50-100 Hz Dot clock 140 MHz or less, G on Sync. Compatible	
Displayable Resolution	During RGB Signal Input: 1024 x 768 dots (1920 x 1080 dots resizing display possible)	
Computer	D-sub 15 pin for Input D-sub 15 pin for Input or Monitor out	
Video	RCA x 1: Video Mini-DIN 4-pin: S-Video RCA x 3: Y-Pb/Cb-Pr/Cr	
Audio	RCA (L/R) for Video Input Mini-Jack (Stereo) for Computer Input Mini-Jack (Stereo) for output (variable)	
Other	Mini-Din 8-pin: Service Port (RS232C) SD Card Slot for Memory Viewer	Mini-Din 8-pin: Service Port (RS232C)
Network	Wired LAN: RJ-45 Wireless LAN: IEEE802.11b / g	-
Operating Temperature	5 - 40 °C	5 - 35 °C
Power Source	100 V - 120 V AC, 200 V - 240 V AC	
Dimensions (WxHxD)	374,0 x 196,8 x 495,0 mm (14,7 x 7,7 x 19,5 inch)	
Power Consumption (Lamp mode: Eco / Normal)	100 V - 120 V AC: 324.5 W / 402.2 W 200 V - 240 V AC: 311.9 W / 382.2 W	100 V - 120 V AC: 259 W / 340 W 200 V - 240 V AC: 249 W / 324 W
Stand by Power consumption (Standby mode: Eco / Network)	100 V - 120 V AC: 0.5 W / 11.9 W 200 V - 240 V AC: 0.9 W / 12.8 W	100 V - 120 V AC: 0.6 W / 7.1 W 200 V - 240 V AC: 0.9 W / 8.5 W
Weight	7.5 kg (16.5 lbs)	7.2 kg (15.9 lbs)
Main Accessories	Operating manual (CD-ROM), Removable power cord x 1, Wireless remote control x 1 (w/2xAAA batteries), D-sub cable x 1, Pin code label x 1, Application soft for Network (CD-ROM, XL51A only)	

\*1: Lamp mode "Auto" Image mode "Dynamic"  
\*Replacement Lamp Type No.: PLC-XL51A: POA-LMP121 PLC-XL50A: POA-LMP139  
\*Specifications as of December 7, 2009 subject to change.  
\*All product names and company names are trademarks or registered trademarks of their respective companies

All products manufactured by the Projector Division of SANYO's Digital System Company employ a quality management system that has undergone the inspection and registration process of the ISO 9001 international standard.



SANYO's Digital System Company has received ISO 14001 certification for the environmental management system used in its factory.



<http://www.sanyo-lcdp.com/>

**Caution:** Please consult the instruction manual to ensure safe and proper operation of the product.

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Think GAIA  
For Life and the Earth



Ultra-Short Focus Projector

PLC-XL51A  
PLC-XL50A

A Large-Screen, Wall-Mounted Projector  
Ultra-Short-Focus Projector  
with the World's Shortest Projection Distance\*



Ultra-Short Focus Projector

PLC-XL51A  
XGA 2700 lumens

PLC-XL50A  
XGA 2000 lumens



\*As of December 7, 2009 for LCD projectors.



# A Large-Screen, Wall-Mounted Ultra-Short Focus Projector with the World's Shortest<sup>\*1</sup> Projection Distance<sup>\*2</sup>

Large-screen images have tremendous promotional power. With the PLC-XL51A/ XL50A, you can unleash that power even in a very small space. For example, you can project large-screen digital signs in a small show window to attract widespread attention. You can also stand the projector vertically to project onto the floor and create an entirely new, eye-catching effect. And of course, you can enjoy the same large-screen utility in small spaces like meeting rooms, classrooms, or just about anywhere.

<sup>\*1</sup>: As of December 7, 2009 for LCD projectors. <sup>\*2</sup>: Distance between projector unit and screen surface.



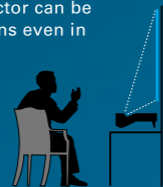
**Restaurants**  
Moving images can be projected to provide information such as "Today's Lunch" or "Special menu" during lunch time.

Tabletop installation for rear projection onto a wall



**Business Presentations**  
The wall-mounted projector can be used to give presentations even in small meeting rooms.

Tabletop installation for wall projection



**Department Stores**  
Images can be projected onto an unused space in a retail store, such as a passageway or the floor, to turn it into an active advertising space.

Floor projection<sup>\*3</sup>



**Classrooms**  
By projecting the image from above the blackboard, the whiteboard (or screen), the instructor does not block the projected light, so he or she can lead the lesson more smoothly.

Wall-mounted installation for wall projection



**Preschools**  
By projecting a large image on the floor, children can enjoy a new type of classroom environment in which they can all share in a visual learning experience.

Floor projection<sup>\*3</sup>



**Strategic Planning**  
The projector can be set up below a table to project an image onto the table as a rear-projection system. This allows participants to examine a design or drawing from various angles to encourage brainstorming.

Under-table installation for rear projection onto the tabletop



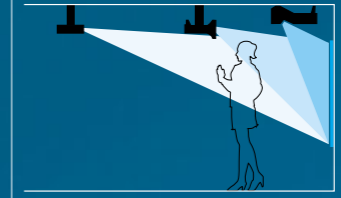
## World's Shortest<sup>\*1</sup> Projection Distance<sup>\*2</sup>

In order for Sanyo to shorten the projection distance of its projectors, new large diameter aspheric lens and high-precision aspheric mirror technology was developed. Sanyo also developed a new optical engine, enabling an 80 inch projection from the short distance of only 8 cm<sup>\*2</sup>. Through this, large projections from a short distance are possible, and projection is possible even in tight or small meeting rooms, creating a meeting opportunity in any room or space that is available.

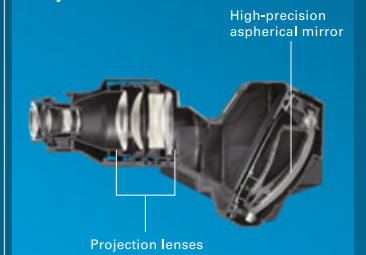
<sup>\*1</sup>: As of December 7, 2009 for LCD projectors. <sup>\*2</sup>: Distance between projector unit and screen surface.

### Comparison of distances required to project an 80-inch image (measured diagonally)

PLC-XU88 Distance<sup>\*2</sup>: 220cm    PLC-XL45 Distance<sup>\*2</sup>: 98cm    PLC-XL51A/ XL50A Distance<sup>\*2</sup>: 8cm



### Projection lens



## Bright 2,700 Lumens [PLC-XL51A](#)

PLC-XL51A achieve a bright 2,700 lumens thanks to a number of advanced technologies in their optical engine and a 275 W lamp. PLC-XL50A: 2000 Lumens

## High Contrast Produces Superb Images with Crisp Blacks [PLC-XL51A](#)

Newly developed LCD panels work together with a high-contrast optical system to produce a contrast ratio of 1, 200:1. PLC-XL50A: 700:1

## Environment friendly power consumption in standby mode (Eco)

With the environmental concerns, the SANYO's PLC-XL51A has realized 0.5 W (XL50A : 0.6W) standby power consumption.<sup>\*4</sup> By redesigning electrical circuits, a standby power consumption savings of about 95 % was achieved compared to a conventional model. These products conform with the EuP-Directive Lot6<sup>\*5</sup>, and the EU RoHS Directive<sup>\*6</sup>

<sup>\*4</sup>: When Standby mode: "Eco" is selected and at a time of AC100-120V.

<sup>\*5</sup>: A directive of the EU that requires environmental design features for energy-using products (EuP)

<sup>\*6</sup>: The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations

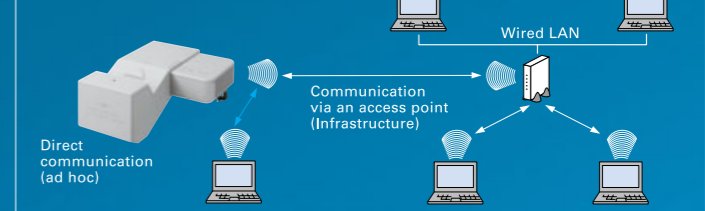
## Wireless LAN [PLC-XL51A](#)

The wireless interface is compatible with IEEE 802.11b / g standards, offering transfer speeds up to 54 Mbps and providing WEP/ WPA/ WPA2 security.

Supported Operating Systems: Microsoft Windows 2000, Windows XP, Windows Vista (32-bit version), or Mac OS X v10.4 or later<sup>\*</sup>

<sup>\*</sup> Not all functions are available with the Mac OS.

### Wireless LAN Functions



## Wired LAN (RJ-45) [PLC-XL51A](#)

This model is equipped with Wired LAN (RJ-45) that allows you to manage and control projector via Network. It is possible to check the operating time of lamp and manage the warning notification by Email. Power ON/ OFF and switching of input signal can be controlled. You can save a lot of time about manage and control.

## SD Card Viewer [PLC-XL51A](#)

This model incorporates SD memory card viewer which reads JPG/ BMP data stored as soon as the memory card entered. It enables PLC-XL51A to project images without connecting computers.

## Various Floor Projection

By making use of the main features of the PLC-XL51A/ XL50A's extremely wide angle and the short distance of projection needed, adding to traditional uses of projectors, many new and various types of applications and locations become available.

## Blackboard/Color Board Mode

This mode lets you use a blackboard as a projection screen<sup>\*7</sup>. It adjusts the colors to make images look similar to those projection to an ordinary white screen.

<sup>\*7</sup>: The colors of images projected onto a blackboard or color board may vary from those of the original input signal.

## Other Features

- Digital Zoom Function
- Easy Off Function
- On-Start Function

# PLC-XL51A PLC-XL50A

XGA 2700 lumens

XGA 2000 lumens



Terminals



Terminals

Remote Control

Remote Control



<sup>\*3</sup>: For floor projection, the projector needs to be fixed to prevent a fall.