

PLC-XL51

XGA Ultra Short-Throw Multimedia Projector



WORLD'S SHORTEST THROW DISTANCE

In order for SANYO to shorten the projection distance of the PLC-XL51, a new large diameter aspheric (non-spherical) lens and high-precision aspheric mirror technology was developed. A new optical engine was also developed, which enables an 80-inch projection from the ultra-short distance of only about 3-inches (8 cm). This creates an opportunity to project extremely large images in any room or space that is available.

NETWORKING CAPABILITY

The PLC-XL51 is equipped with SANYO's exclusive PJ Network Interface for wired and wireless networking. Networking allows the monitoring of projector functions and operation from a long distance via a web browser. Emails can be sent automatically to report operating status.

A PROJECTOR ALLOWING IMAGINATIVE, VERSATILE APPLICATIONS

By shortening the distance for projection, the options of installation are greatly improved, including floor, tabletop and wall mount projection. The variety of applications is almost limitless, providing effective, quick and easy presentations or displays. Projecting a large screen image on the floor in a pre-school created a new style of teaching and classroom interaction. The PLC-XL51 presents a new avenue for education/instruction, "edutainment," specialized business viewing and informational attention-getting signage.

DURABLE INORGANIC OPTICAL SYSTEM (D.I.O.S.)

D.I.O.S. allows for extended projector use. A 275W NSHA lamp, combined with SANYO's high-contrast optical system with Micro Lens technology, delivers an impressive 2700 ANSI lumens.

NEW OPTICAL ENGINE FOR VERTICAL AND HORIZONTAL PROJECTION

The proprietary optical and cooling mechanism technologies used in the PLC-XL51 allow both vertical and horizontal projection. The new optical engine was created with a high-precision aspheric mirror combined with a distortion correction mechanism lens, enabling large magnification without distortion, even from ultra-short distances.

MEMORY VIEWER ALLOWS SD CARD

The PLC-XL51's built-in Memory Viewer can use an SD card memory dedicated to the projector. With Memory Viewer, projected images can be edited with a slide converter (Index data), bitmap data or JPEG data.

EASILY ADAPTS TO DIFFERENT PROJECTION SURFACES

Projection surface-oriented features include top and bottom keystone correction for proper alignment of the projector and a Color Board Mode, which allows adjustment of the hue when projecting an image on a color (non-white) surface so that it appears to be projected on a white surface. Educational institutions can use this projector with all standardized educational boards.

EASY SET-UP AND REMOVAL PLUS ANTI-THEFT ALARM

The PLC-XL51 turns on automatically when the power cord is plugged into an electrical outlet. With the Easy-Off function, it's possible to unplug the power cord without waiting for the machine to cool down, making it convenient for quickly clearing away the area after a presentation. The unit has been outfitted with a built-in, vibration sensor alert. An alarm sounds when the unit is picked up, proving to be an effective theft deterrent.



PRESENTATION TECHNOLOGIES

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TENTATIVE

Specifications

Resolution	XGA (1024 x 768)
Brightness (typical)	2700 ANSI Lumens
Uniformity	T.B.D
LCD Panel System	0.8" TFT Poly x 3
Number of Pixels	2,359,296 (786,432 x 3)
Contrast Ratio	T.B.D
Projection Image (diagonal)	60"-80"
Aspect Ratio	4 : 3
Throw Distance	N/A
Zoom/Focus	Digital(1:16) / Manual
Up/Down Ratio	N/A
Digital Keystone Correction	Vert. +/- 5°
Projection Lens	F1.85 / f0.19"
Lens Throw Ratio	1:1.0
Projection Lamp	275W NSHA
Scanning Frequency	H 15-100kHz; V 50-100Hz
Dot Clock	140 MHz
Color System	PAL/SECAM/ NTSC/NTSC4.43/PAL-M&N
Computer Compatibility	UXGA, WXGA, SXGA, XGA, SVGA, VGA, MAC analog
Sound Output	One-piece, 2-watt Mono
Voltage	100-240V AC; 50/60 Hz (Auto Voltage)
BTU Rating	T.B.D
dB Rating	T.B.D
Power Consumption	400W /340W(Nomal / Eco)
Dimensions (WxHxD)	14.7" x7.8"x19.5" (Including protrusion)
Net Weight	T.B.D
User Maintenance	Clean air filters, replace lamp assembly
PC Input Terminals	<ul style="list-style-type: none"> ● D-sub15 x2(1 switchable in/monitor out) ● Audio x 1 (stereo mini-jack : common)
Video Input Terminals	<ul style="list-style-type: none"> ● Component(RCA x3) ● Composite Video(RCA x1) ● S-Video(Mini DIN 4-pin) ● R & L/mono audio(RCA x2)
Service Port Terminal	Mini DIN 8-pin
Other Terminal	● RJ45 for wired LAN ● SD card
Included Accessories	<ul style="list-style-type: none"> ● Wireless remote control ● 2AA batteries ● Owner's manual (CD-ROM & Quick Manual) ● VGA cable ● AC Power Supply Cord ● Alarm Label ● PIN code Label ● Stand (for vertical setting)
Optional Accessories	<ul style="list-style-type: none"> ● 610 337 9937 – Replacement Lamp ● 645 098 5881 – Replacement Remote
Warranty	Three years parts and labor; 90 days Initial lamp;Quick Repair Program under warranty

Because its products are subject to continuous improvement, SANYO reserves the right to modify product design and specifications without notice and without incurring any obligations.



Rear Input Panel