

PLC-XL51

XGA Ultra Short-Throw Multimedia Projector



WORLD'S FIRST ULTRA SHORT-THROW PROJECTOR

With 2700 ANSI lumens and a 1200:1 contrast ratio, the PLC-XL51 can project an 80" diagonal image from about three inches on to a projection surface.

NETWORKING CAPABILITY

The PLC-XL51 is equipped with SANYO's exclusive PJ Network Interface for wired and wireless networking, now MAC compatible, a common feature among SANYO's extensive line of commercial projectors. 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. The wireless interface is compatible with IEEE802.11b/g standards, offering transfer speeds up to 54Mbps and providing WEP 64/128-bit security

MEMORY VIEWER ALLOWS SD CARD

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

DURABLE IN-ORGANIC LCD'S (D.I.O.S.)

This Inorganic Optical LCD panel system provides a more durable projector to handle many applications for high-quality, high contrast image presentations.

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. To allow projection either vertically or horizontally, a special cooling mechanism was also essential. The resulting solution is a one-way flow system consisting of an air intake and exhaust mechanism on the main body of the projector - thus allowing optimal positioning of the main components.

PROJECTOR ALLOWING IMAGINATIVE VERSATILE APPLICATIONS

By shortening the distance for projection, the options for 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 creates 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.

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. The additional Black Board Mode enables educational institutions to use the projector with all standardized educational boards.

EASY SET-UP AND REMOVAL PLUS ANIT-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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Specifications

Resolution	XGA (1024 x 768)
Brightness (typical)	2700 ANSI Lumens
Uniformity	80 % (Corner to Center)
LCD Panel System	0.8" TFT Poly x 3
Number of Pixels	2,359,296 (786,432 x 3)
Contrast Ratio	1200 : 1 (Lamp Mode "Auto", Image Mode "Dynamic")
Projection Image (diagonal)	60"-80"
Aspect Ratio	4 : 3
Throw Distance	N/A
Zoom/Focus	Manual
Up/Down Ratio	N/A
Digital Keystone Correction	Vert. +/- 5°
Projection System	Dichroic mirror & X prism system w/ PBS
Projection Lens	F1.85 / f0.19"
Lens Throw Ratio	N/A
Projection Lamp	275W NSHA
Scanning Frequency	H 15-100kHz; V 50-100Hz
Dot Clock	140 MHz
Color System	NTSC/PAL/SECAM/NTSC4.43/PAL-M&N
Computer Compatibility	UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC analog
Sound Output	One-piece, 2-watt Mono
Voltage	100-120V/200-240V AC; 50/60 Hz (auto Voltage)
BTU Rating	1365/1160(Eco mode)
dB Rating	32.6 dBA(Eco mode)
Power Consumption	400W/340W(Normal/Eco mode)
Dimensions (WxHxD)	14.72" x7.91"x19.49" (Including protrusion)
Net Weight	16.98 lbs.
User Maintenance	Clean air filters, replace lamp assembly
PC Input Terminals	● D-sub15 x2 (1 switchable in/monitor out) ● Audio x 1 (stereo mini-jack : common)
Video Input Terminals	● 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 Terminals	● SD Card ● RJ45 for wired LAN
Included Accessories	● Wireless remote control ● 2AA batteries ● Owner's manual (CD-ROM & Quick Manual) ● VGA cable ● AC Power Supply Cord ● PIN code Label
Optional Accessories	● 610 337 9937 – Replacement Lamp ● 645 098 5881 – Replacement Remote ● POA-MCSRL – Serial Control Cable
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 Panel Terminals