PLC-XL50

XGA Shortest Portable Multimedia Projector

WORLD'S SHORTEST THROW DISTANCE

In order for SANYO to shorten the projection distance of the PLC-XL50, 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 3-inches (8 cm). This creates an opportunity to project extremely large images in any room or space that is available.

NEW OPTICAL ENGINE FOR VERTICAL AND HORIZONTAL PROJECTION

The proprietary optical and cooling mechanism technologies used in the PLC-XL50 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.

WORLD'S FIRST 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-XL50 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-XL50 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.

SANYO

PRESENTATION TECHNOLOGIES

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Specifications

Resolution	XGA (1024 x 768)
Brightness (typical)	2000 ANSI Lumens
Uniformity	80 % (Corner to Center)
LCD Panel System	0.8" TGT Poly x 3
Number of Pixels	2,359,296 (786,432 x 3)
Contrast Ratio	600 : 1 (Lamp Mode "Auto", Image Mode "Dynamic")
Projection Image (diagonal)	60"-80"
Aspect Ratio	4 : 3
Throw Distance	N/A
Zoom/Focus	Digital(1:16)
Up/Down Ratio	N/A
Digital Keystone Correction	Vert. +/- 5°
Projection System	Dichroic mirror & 4P prism system w/ PBS
Projection Lens	F1.85 / f0.19"
Lens Throw Ratio	N/A
Projection Lamp	275W
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, **XGA**, SVGA, VGA, MAC analog
Sound Output	One-piece, 2-watt Mono
Voltage	100-240V AC; 50/60 Hz (auto Voltage)
BTU Rating	1331/1126(Eco mode)
dB Rating	29dBA(Eco mode)
Power Consumption	390W /330W(Eco mode)
Dimensions (WxHxD)	14.72" x7.75"x19.49" (Including Adjustable Feet)
Net Weight	16.8 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
Included Accessories	● 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	● 610 333 9740 – Replacement Lamp
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