

PLC-XP100L

XGA Portable Multimedia Projector



Lens sold separately

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

D.I.O.S. allows for extended projector use. A 330W NSHA lamp, combined with Sanyo's high-contrast optical system with Micro Lens technology, delivers an impressive **6500 ANSI lumens** of brightness and a contrast ratio of **2000:1**.

HIGH RELIABILITY WITH ACTIVE MAINTENANCE FILTER SYSTEM (AMFS)

The newly designed cabinet has an improved air flow system. This sophisticated One-Way Air Flow and filter monitor system is efficient at controlling the temperature with single intake and exhaust vents. An Active Maintenance Filter System automatically replaces the filter and also warns the user of clogged filters, hence increasing picture quality.

EASY MAINTENANCE

The PLC-XP100L embodies both functionality and practicality with its accessible panel. The user can effortlessly flip open the top panel to maintain/clean the Prism Block system. Well-maintained LCD panels significantly reduce artifacts from projected images.

NETWORK CONNECTIVITY, CONTROL AND ADMINISTRATION

An optional PJ-Net Camera (POA-PN03C) and PJ-Master Software Ver.2.0 (POA-PJNM01) allow for control and administration of projectors via a network. The user can monitor the actual picture and check projector status and control projector functions via any web browser. A warning notification will be automatically sent to the registered user's email, whenever the projector encounters problems.

SANYO'S NEW PROGRESSIVE IC

A newly-developed progressive integrated circuit provides highly improved playback of moving images. 1080 interlaced signals are converted into progressive signals while 2-3 PULLDOWN doubles the resolution of images from DVD playback.

UNIQUE COLOR MANAGEMENT SYSTEM

Sanyo's color management system allows a user to change the shading of a specific color in the image to a desired shade without affecting other colors or adjustments, such as tint or white balance.



PRESENTATION TECHNOLOGIES

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Specifications

Resolution	XGA (1024 x 768)
Brightness (typical)	6500 ANSI Lumens w / LNS-S31
Uniformity	90% (Corner to Corner)
LCD Panel System	1.3" TFT Poly-Silicon x 3
Number of Pixels	2,359,296 (786,432 x 3)
Contrast Ratio	2000:1 (full on/off)
Projection Image (diagonal)	Dependent on Lens
Aspect Ratio	4:3
Throw Distance	Dependent on Lens
Zoom/Focus	Dependent on Lens
Power Lens Shift	Up/Down Ratio 10:0 - 1:1 Left/Right Ratio 3:2 - 2:3 (Dependent on Lens)
Digital Keystone Correction	Vert. +/- 40°, Horiz. +/- 20°
Projection System	Dichroic mirror & X prism w/ PBS
Projection Lens	Lens Sold Separately
Lens Throw Ratio	Dependent on Lens
Projection Lamp	330W NSHA
Scanning Frequency	H 15-100kHz; V 48-100Hz
Dot Clock	180 MHz
Color System	PAL/PAL-M/PAL-N/SECAM/NTSC/NTSC4.43
Computer Compatibility	UXGA, SXGA+, SXGA, WXGA, XGA, SVGA, VGA
Voltage	100-240V AC; 50/60/Hz (auto sense/select)
BTU Rating	1672
dB Rating	32dBA (Eco1 mode)
Power Consumption	490W Max (Eco mode: 392W)
Dimensions (WxHxD)	14.6" x 7.4" x 17.3" (w/ 0.3" Leg, w/o Lens)
Net Weight	25.8 lbs (w/o lens)
User Maintenance	replace air filter, replace lamp assembly
Input Terminal Panel 1	D-Sub 15 x1 • DVI-D x1 (w/HDCP)
Input Terminal Panel 2	RGBHV or Composite/Component Video (BNC x5)
Input Terminal Panel 3	Composite/Component Video (RCA x3) • S-Video x1
Additional Input Terminals	Wired remote control jack x 1 (mini jack) • USB (Type B) x 1 • Control Port x 1 (D-sub9pin)
Output Terminals	D-Sub 15 x 1
Included Accessories	Wired/Wireless I/R Remote Control w/Mouse Pad • Batteries (two "AAA") • AC power cord • VGA Cable • USB Control Cables • Lens Attachment (POA-LNA03) • Owner's manual (CD-ROM & Quick Reference Guide)
Optional Accessories	• PJ-Net Camera (POA-PN03C) • PJ-Master Ver.2.0 (POA-PJNM01) • Replacement Filter 6103343747 (POA-FIL131) • Replacement Lamp (610 334 2788) • Optional Lenses (see below)
Warranty	Three years parts and labor; 90 days 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.

Optional Lens Specifications

					
	On-Axis Short Fixed	Short Zoom	Standard	Long Zoom	Ultra Long Zoom
Part No.	LNS-W32	LNS-W31A	LNS-S31	LNS-T31A	LNS-T32
Zoom	No	Power	Power	Power	Power
Throw Ratio	0.8:1	1.25 - 1.8:1	1.8 - 2.3:1	2.3 - 4.2:1	4.2 - 6.0:1
U/D Ratio	1:1	10:0 - 1:1	10:0 - 1:1	10:0 - 1:1	10:0 - 1:1
F Stop	2.6	2.5 - 3.1	1.7 - 2.0	2.0 - 2.9	2.1 - 2.7
Length	9.25"	7.6"	7.4"	8.5"	4.6"
Weight	3.5 lbs.	3.7 lbs.	2.9 lbs.	4.2 lbs.	3.7 lbs.