

PLC-XF47

XGA Digital Multimedia Projector



lens sold separately

WORLD'S FIRST 15,000 ANSI LUMENS LCD PROJECTOR!

Utilizing four high-output 330-watt NSHA lamps as its light source, the PLC-XF47 delivers an amazing 15,000 ANSI lumens of brightness. Stacking two projectors in the twin-stack configuration can achieve up to 30,000 ANSI lumens of brightness.

DURABLE In-Organic Optical System (D.I.O.S.)

PLC-XF47 contains a new durable liquid crystal panel for extended projector usage and combined with a high-contrast optical system that achieves a contrast ratio of 2000:1.

FLEXIBLE SET-UP

Option Boards, U/D/L/R Lens shift and Option lenses make for a very versatile projector.

UNIQUE COLOR MANAGEMENT SYSTEM

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

NETWORK CONTROL/ADMINISTRATION

An optional PJ-Net Organizer network board allows for simple control and management of projectors via a CAT5 network connection. The administrator can use a network management software called PJ Master (optional accessory), and be able to centrally control all PJ-Net Organizer-mounted projectors within the network.

24/7* OPERATION

A newly developed liquid crystal panel with an optical compensator that creates linear polarization, together with improved optical block cooling system, gives the PLC-XF47 the capability of being operated on a 24/7* basis.

* In order to maintain a stable lamp condition, at least one hour of rest for the projector is required in each 24-hour period.
* For appropriate care and use of the projector, regular cleaning of air filters is necessary. Cleaning is recommended once a week. However, the frequency on which cleaning is required depends upon the installation or operation environments.



PRESENTATION TECHNOLOGIES

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Specifications

Resolution	XGA (1024 x 768)
Brightness	15,000 ANSI Lumens (4-lamp mode) 7,500 ANSI Lumens (2-lamp mode)
Uniformity	90% (corner to center)
LCD Panel System	1.8" TFT polysilicon type x 3
Number of Pixels	2,359,296 (786,432 x 3)
Contrast Ratio	2000:1 (full on/off)
Projection Lens	Lens Sold Separately
Image Size	Dependent on Lens
Aspect Ratio	4:3
Throw Distance	Dependent on Lens
Zoom/Focus	Dependent on Lens
Throw Ratio	Dependent on Lens
Zoom Ratio	Dependent on Lens
Power Lens Shift	Up/Down Ratio 10:0 - 0:10 or 8:1 - 1:8 Left/Right Ratio 3:2 - 2:3 (Dependent on Lens)
Digital Keystone Correction	+/- 40° (Vertical) +/- 20° (Horizontal)
Projection Lamp	330W NSHA x 4
Scanning Frequency	H Sync: 15-120kHz, V Sync: 48-120Hz
Dot Clock	230MHz
Color System	PAL/PAL-M/PAL-N/SECAM/NTSC/NTSC4.43
Computer Compatibility	UXGA, SXGA+, SXGA, WXGA, XGA, SVGA, VGA, MAC
Voltage	200-240V AC 9.7A Max, 50//60 Hz (auto sense/select)
BTU Rating	5800
dB Rating	51dBA (Eco mode)
Power Consumption	1700W
Dimensions (WxHxD)	22.9"x9.9"x32.0" (not including Adjustable Feet)
Net Weight	80.5lbs (w/o lens)
User Maintenance	Clean air filters, replace lamp assembly
Detachable Input Panels	
Board 1	Digital Visual Interface (DVI-D) • Analog (D-sub15)
Board 2	RGBHV & Component & Composite (5-BNC) • S-video (Mini DIN 4-pin)
Board 3	Open for input
Board 4	Open for input
Fixed Input/Output Panel	Serial in & Serial out (D-Sub 9 x 2) • USB (type B) • Wired RC jack (Stereo mini)
Included Accessories	Wired/Wireless I/R Remote Control • Two "AA" type batteries • Owner's manual (CD-ROM & Quick Reference Guide) • AC power cord • VGA Cable • Lens Mount Adapters (POA-LNA02 & POA-LNA01) • Real Color Manager Pro CD-ROM
Optional Accessories	POA-MD18DVI - DVI-Board POA-MD13NET2 - Network Board POA-MD21WARP - WARP&Blending Board POA-MD17SDI - HD-SDI & SD-SDI Input Board POA-LNA02 - Lens Mount Adapter (for LNS-W02, W02KS, M01, S01 lenses) POA-LNA01 - Lens Mount Adapter (for all other lenses) POA-CA-RC30 - Wired Remote Cable 610 334 6267 - Replacement Lamp
Warranty	Three years parts and labor; 90 days original 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.

Lens Specifications

Type	Short Fixed	Short Zoom	On-Axis Short Fixed	Short Zoom	Short Zoom	Standard Zoom 1	Standard Zoom 2	Standard Zoom 3	Semi-Long Zoom	Long Fixed	Long Zoom	Long Zoom
Part No.	LNS-W01Z	LNS-W02Z	LNS-W03	LNS-W04	LNS-W06	LNS-S01	LNS-S02Z	LNS-S03	LNS-M01Z	LNS-T01Z	LNS-T02	LNS-T03
Zoom	No	Yes (power)	No	Yes (power)	Yes (power)	Yes (power)	Yes (power)	Yes (power)	Yes (power)	NO	Yes (power)	Yes (power)
Throw Ratio	1.2:1	1.35 - 1.8:1	0.8:1	1.5 - 2.0:1	1.2 - 1.5:1	1.8 - 2.9:1	2.0 - 2.6:1	2.6 - 3.5:1	3.5 - 4.6:1	7.0:1	4.6 - 6.0:1	6.2 - 9.0:1
F Stop	2.5	2.5 - 2.9	2.6	1.7 - 2.3	2.3 - 2.8	2.6 - 3.5	2.0 - 2.3	1.7 - 2.6	2.0 - 2.6	2.0	2.0 - 2.9	2.2 - 2.5
Lens Shift	8:1 - 1:8	8:1 - 1:8	1:1	8:1 - 1:8	8:1 - 1:8	10:0 - 0:10	10:0 - 0:10	8:1 - 1:8	8:1 - 1:8	8:1 - 1:8	8:1 - 1:8	8:1 - 1:8
Weight	12.8 lbs.	5.5 lbs.	6.6 lbs	6.2 lbs.	6.6 lbs.	3.7 lbs.	4.2 lbs.	8.2 lbs.	4.2 lbs.	8.4 lbs.	6.8 lbs.	16.1 lbs.