

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

21605 Plummer Street
Chatsworth, CA 91311
Ph: 888-337-1215 (toll-free)
Fax 818.717.2719
www.sanyolcd.com

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. |