

# PLC-XF41

## XGA Digital Multimedia Projector



### INCREDIBLY BRIGHT 7700 ANSI LUMENS

Utilizing four high-output 200 watt UHP lamps as its light source, the PLC-XF41 delivers an incredible 7700 ANSI lumens of brightness.

### OUTSTANDING CONTRAST RATIO – 800:1

Through its new high-contrast optical system, the PLC-XF41 is able to achieve an outstanding contrast ratio of 800:1. A 10-bit digital gamma correction circuit is employed to effectively suppress overwhelming whites in bright images and excessive blacks in dark images.

### 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.

### NETWORK CONTROL/ADMINISTRATION

An optional network board allows for simple control and management of the projector via a CAT5 network connection. The network board, which can memorize and store up to 55 PC modes, can also be used in parallel with RS-232 controllers.

### REAL COLOR MANAGER

The Real Color Manager System provides white balance adjustment and gamma correction from a PC using the included image adjustment software by simply comparing the on-screen image to a printed color chart.

### NEW ONE-TOUCH LENS REPLACEMENT

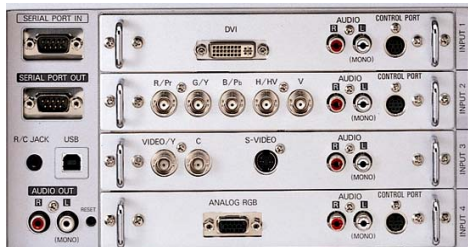
Attaching the included One-Touch lens mount adapters to your projector and lenses makes installation and removal of our optional lenses quick and easy.

# SANYO

PRESENTATION TECHNOLOGIES

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**PLC-XF41**  
**Multi-Versatile**  
**Interface**  
(POA-MD11DVI)  
(POA-MD16VD1)  
(POA-MD03VD2A)  
(POA-MD04VGA)



## Specifications

|                             |   |
|-----------------------------|---|
| Resolution                  | XGA (1024 x 768)  |
| Brightness                  | 7700 ANSI Lumens (4-Lamp mode)<br>3850 ANSI Lumens (2-Lamp mode)  |
| Uniformity                  | 90% (corner to corner)  |
| LCD Panel System            | 1.8" TFT polysilicon type x 3   |
| Number of Pixels            | 2,359,296 (786,432 x 3)   |
| Contrast Ratio              | 800:1   |
| 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<br>Left/Right Ratio 3:2 – 2:3  |
| Digital Keystone Correction | + 40° / - 20°   |
| Projection Lamp             | 200W UHP x 4  |
| Scanning Frequency          | H Sync: 15-120kHz, V Sync: 50-120Hz   |
| Dot Clock                   | 230MHz  |
| Color System                | PAL/PAL-M/PAL-N/SECAM/NTSC/NTSC4.43   |
| Computer Compatibility      | UXGA, SXGA, XGA, SVGA, VGA, MAC   |
| Voltage                     | 100-240V AC: 50/60/Hz (auto sense/select)   |
| BTU Rating                  | 3924  |
| dB Rating                   | 46.0  |
| Power Consumption           | 1150W   |
| Dimensions (WxHxD)          | 22.9"x9.9"x30.8"  |
| Net Weight                  | 81.6 lbs.   |
| User Maintenance            | Clean air filters, replace lamp assembly  |
| Detachable Input Panels     |   |
| POA-MD11DVI                 | Digital Visual Interface (DVI-I) • Left & Right Audio (RCA x 2) • Control (Min DIN 8-pin)   |
| POA-MD16VD1                 | RGB & Component (5-BNC) • Left & Right Audio (RCA x 2) • Control (Min DIN 8-pin)  |
| POA-MD03VD2A                | Composite & Y/C (2-BNC) • S-Video • Left & Right Audio (RCA x 2)  |
| POA-MD04VGA                 | VGA (D-Sub 15) • Left & Right Audio (RCA x 2) • Control (Min DIN 8-pin)   |
| Fixed Input/Output Panel    | Serial in/out (D-Sub 9 x 2) • Audio out (RCA x 2) • USB (type B) • Wired RC jack (Stereo mini);   |
| Included Accessories        | Wired/Wireless I/R Remote Control w/Mouse Pad and Laser Pointer • 2 "AA" Batteries • AC power cord • VGA and DVI Cables • Wired remote cable • PS/2, Serial, MAC Control cables • Light Block Sheets • Dust cover • MAC/VGA and DVI/VGA Adapters • Lens Mount Adapters (POA-LNA02 & POA-LNA01) • Real Color Manager CD-ROM • Owner's manual |
| Optional Accessories        | POA-MD08HD - HD-SDI Input Panel<br>POA-MD09VD3 - Faroudja™ Input Panel<br>POA-MD13NET - Network Board<br>POA-MD15SDI - SD-SDI Board<br>POA-LNA02 - Lens Mount Adapter (for LNS-W02, W02KS, M01, S01 lenses)<br>POA-LNA01 - Lens Mount Adapter (for all other lenses)<br>PLCCSE14 - Hard Shipping Case<br>6102924831 - 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 | Standard Zoom 1 | Standard Zoom 2 | Standard Zoom 3 | Semi-Long Zoom | Long Fixed | Long Zoom   |
|-------------|-------------|--------------|---------------------|-----------------|-----------------|-----------------|----------------|------------|-------------|
| Part No.    | LNS-W01     | LNS-W02      | LNS-W03             | LNS-S01         | LNS-S02         | LNS-S03         | LNS-M01        | LNS-T01    | LNS-T02     |
| Zoom        | No          | Yes (power)  | No                  | Yes (power)     | Yes (power)     | Yes (power)     | Yes (power)    | NO         | Yes (power) |
| Throw Ratio | 1.2:1       | 1.35 – 1.8:1 | 0.8:1               | 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 |
| F Stop      | 2.5         | 2.5 – 2.9    | 2.6                 | 2.6 – 3.5       | 2.0 – 2.3       | 1.7 – 2.6       | 2.0 – 2.6      | 2.0        | 2.0 – 2.9   |
| Length      | 9.4"        | 8.34"        | 9.25"               | 7.0"            | 8.2"            | 13.8"           | 6.9"           | 8.6"       | 9.6"        |
| Weight      | 12.8 lbs.   | 5.5 lbs.     | 6.6 lbs             | 3.7 lbs.        | 4.2 lbs.        | 8.2 lbs.        | 4.2 lbs.       | 8.4 lbs.   | 6.8 lbs.    |