

# PLC-XF45

XGA Digital Multimedia Projector



**WORLD'S FIRST 10,000 ANSI LUMENS LCD PROJECTOR!**

Utilizing four high-output 250 watt UHP lamps as its light source, the PLC-XF45 delivers an amazing 10,000 ANSI lumens of brightness.

**OUTSTANDING CONTRAST RATIO – 1100:1**

Through its new high-contrast optical system, utilizing micro lens technology, the PLC-XF45 is able to achieve an outstanding contrast ratio of 1100:1. A micro lens is integrated into each individual pixel on the three LCD panels increasing light efficiency, resulting in significantly brighter 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.



PRESENTATION TECHNOLOGIES

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**PLC-XF45**  
**Multi-Versatile**  
**Interface**  
(POA-MD11DVI)  
(POA-MD16VD1)  
(POA-MD03VD2A)  
(POA-MD04VGA)



## Specifications

Resolution	XGA (1024 x 768)
Brightness	10,000 ANSI Lumens (4-lamp mode) 5,000 ANSI Lumens (2-lamp mode)
Uniformity	90% (corner to corner)
LCD Panel System	1.8" TFT polysilicon type w/micro lens x 3
Number of Pixels	2,359,296 (786,432 x 3)
Contrast Ratio	1100:1 (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 7:3 – 3:7
Digital Keystone Correction	+/- 40°
Projection Lamp	250W 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	120-240V AC, 50/60 Hz (auto sense/select)
BTU Rating	5118
dB Rating	46.0
Power Consumption	1500W
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 & Serial 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 with Mouse Pad and Laser Pointer • AC power cord x 3 • VGA and DVI Cable • Wired remote cable • Real Color Manager CD-ROM • Lens Mount Adapters (POA-LNA02 & POA-LNA01) • PS/2, Serial, MAC control cables • Light Block Sheets • Dust cover • MAC/VGA and DVI/VGA Adapters • Owner's manual
Optional Accessories	POA-MD08HD - HD-SDI Input Board POA-MD09VD3 - Faroudja™ Input Board POA-MD13NET - Network Board POA-LNA02 - Lens Mount Adapter (for LNS-W02, W02KS, M01, S01 lenses) POA-LNA01 - Lens Mount Adapter (for all other lenses) PLCCSE14 - Hard Shipping Case
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
Lens Shift	8:1 – 1:8	8:1- 1:8	1:1	10:0 – 0:10	10:0 – 0:10	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	3.7 lbs.	4.2 lbs.	8.2 lbs.	4.2 lbs.	8.4 lbs.	6.8 lbs.