

# PLC-XF40

XGA Digital Multimedia Projector



### INCREDIBLY BRIGHT 7700 ANSI LUMENS

Utilizing four high-output 200 watt UHP lamps as its light source, the PLC-XF40 delivers an incredible 7700 ANSI lumens of brightness.

### OUTSTANDING CONTRAST RATIO – 700:1

Through its new high-contrast optical system, the PLC-XF40 is able to achieve an outstanding contrast ratio of 700:1. A 10-bit digital gamma correction circuit is employed to effectively suppress overwhelming whites in bright images and excessive blacks in dark images.

### EFFICIENT LAMP MANAGEMENT SYSTEM

Monitors the status of each lamp and can display the status and cumulative hours of use on-screen. When full brightness is not required, two of the lamps may be switched off. Also, if a lamp expires while either four or two lamps are in use, the fail-safe operation feature switches to the matched pair of good lamps.

### POWER LENS SHIFT

The power lens shift feature (Up/Down/Left/Right) allows for greater placement flexibility by raising or lowering the image without having to move the projector. Power Lens Shift also provides for easy alignment of images with virtually no geometric distortion when two projectors are twin-stacked.

### HDTV COMPATIBLE

The PLC-XF40 is High Definition Television compatible, accepting the 1080i, 1035i, 720p, 575p, 575i, 480p and 480i HDTV resolution standards

### DIGITAL KEystone CORRECTION

SANYO's digital keystone correction feature compensates for angled projector placement by digitally altering the pixels to produce undistorted images.



PRESENTATION TECHNOLOGIES

21605 Plummer Street  
Chatsworth, CA 91311

Ph: 818.998.7322 ext. 288

Fax 818.717.2719

www.sanyolcd.com

## Specifications

Resolution	XGA (1024 x 768)
Brightness	7700 ANSI Lumens
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	700:1
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 Left/Right Ratio 7:3 – 3:7
Digital Keystone Correction	+/- 40°
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
BTU Rating	3924
dB Rating	46.0
Power Consumption	1150W
Dimensions (WxHxD)	22.9"x9.9"x30.8"
Net Weight	78.3 lbs.
User Maintenance	Clean air filters, replace lamp assembly
Detachable Input Panels	
POA-MD11DVI	Digital Visual Interface (DVI) • Left & Right Audio (RCA x 2) • Control (Min DIN 8pin)
POA-MD12VD1	RGB & Component (5-BNC) • Left & Right Audio (RCA x 2) • Control (Min DIN 8pin)
POA-MD03VD2	Composite Video (2-BNC) • S-Video • Control (Min DIN 8pin)
POA-MD04VGA	VGA (D-Sub 15) • Left & Right Audio (RCA x 2) • Control (Min DIN 8pin)
Fixed Input/Output Panel	Serial In/out (D-Sub 9) • Audio out (RCA x 2) • USB • Wired RC jack (Stereo mini);
Included Accessories	Wired/Wireless IR Remote Control • AC power cord • VGA and DVI Cable • Wired remote cable • Lens Mount Adapter • 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 Panel POA-MD09VD3 - Faroudja™ Input Panel PLCCSE14 - Hard Shipping Case
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.

## 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.