

# PLC-XF20

XGA Digital Multimedia Projector



Lens Sold Separately

### FOUR LAMP SYSTEM

A four lamp system (4 x 150 watt metal halide) results in exceptional brightness of 5,000 ANSI lumens (nearly 10,000 ANSI lumens when twin stacked).

### OUTSTANDING CONTRAST RATIO – 700:1

By employing a 10-bit digital gamma correction circuit, excessive whites in bright images and overwhelming blacks in dark images are effectively suppressed.

### EFFICIENT LAMP MANAGEMENT SYSTEM

Monitors the status of each lamp and can display 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.

### DETACHABLE INTERFACE PANELS

Detachable interface panels including inputs for HD-SDI, DVI (for a direct digital connection), 5-BNC, D-Sub15, Video Y/C and S-Video can be used in varying combinations to meet the source input needs for most any situation

### POWER LENS SHIFT

The power lens shift feature (Up/Down/Left/Right) allows for greater placement flexibility and easy alignment of images with virtually no geometric distortion when twin-stacking projectors.

### HDTV COMPATIBLE

The PLC-XF20 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

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## Specifications

Resolution	XGA (1024 x 768)
Brightness	5000 ANSI Lumens Nearly 10,000 ANSI Lumens when twin-stacked
Uniformity	Over 85% (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 (full on/off)
Aspect Ratio	4:3
Projection Lens	Sold Separately
Image Size (diagonal)	Dependant on Lens
Throw Distance	Dependant on Lens
Zoom/Focus	Dependant on Lens
Throw Ratio	Dependant on Lens
Zoom Ratio	Dependant on Lens
Power Lens Shift	Up/Down/Left/Right
Digital Keystone Correction	+/- 30°
Projection Lamp	150W UHP x 4
Scanning Frequency	H Sync: 15-120KHZ, V Sync: 50-120Hz
Dot Clock	220MHz
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	3139
dB Rating	45.0
Power Consumption	920W
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-MD01DVI	Digital Visual Interface (DVI) • Left & Right Audio (RCA x 2) • Control (Min DIN 8pin)
POA-MD02VD1	RGB & Component (5-BNC) • Left & Right Audio (RCA x 2) • Control (Min DIN 8pin)
POA-MD03VD2	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 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 I/R 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 • Lens cover • Owner's manual
Optional Accessories	POA-MD08HD - HD-SDI Input panel POA-MD09VD3 - Faroudja™ Input panel POA-LLB04 - Lamp and Ballast Kit for 100W UHP lamps
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-F01	LNS-F02
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.