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.

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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 8 pin)
POA-MD02VD1	RGB & Component (5-BNC) ● Left & Right Audio (RCA x 2) ● Control (Min DIN 8 pin)
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 8 pin)
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-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.