

PLC-XF42

XGA Digital Multimedia Projector



* Lens sold separately

INCREDIBLY BRIGHT 9000 ANSI LUMENS

Utilizing four high-output 250 watt UHP lamps as its light source, the PLC-XF42 delivers an incredible 9000 ANSI lumens of brightness.

OUTSTANDING CONTRAST RATIO – 1,100:1

Through its new high-contrast optical system, the PLC-XF42 is able to achieve an outstanding contrast ratio of 1,100:1. A 10-bit digital gamma correction circuit is employed to effectively suppress overwhelming whites in bright images and excessive blacks in dark images.

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 PRO

The Real Color Manager PRO System provides color correction and gamma correction from a PC using the included image adjustment software.

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.

24/7* OPERATION

A newly developed liquid crystal panel with an optical compensator that creates linear polarization, together with improved optical block cooling system, gives the PLC-XF42 the capability of being operated on a 24/7* basis.

* In order to maintain a stable lamp condition, at least one hour of rest for the projector is required in each 24-hour period.

* For appropriate care and use of the projector, regular cleaning of air filters is necessary. Cleaning is recommended once a week. However, the frequency on which cleaning is required depends upon the installation or operation environments



PRESENTATION TECHNOLOGIES

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Specifications

Resolution	XGA (1024 x 768)
Brightness	9000 ANSI Lumens (4-Lamp mode) 4500 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	1,100:1
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 (Dependent on lenses)	Up/Down Ratio 10:0 – 0:10 or 8:1 – 1:8 Left/Right Ratio 3:2 – 2:3
Digital Keystone Correction	+/- 40°(Vertical)
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+, WXGA, XGA, SVGA, VGA, MAC
Voltage	120V, 200-240V AC; 50/60Hz (auto sense/select)
BTU Rating	5118
dB Rating	51.0
Power Consumption	1500W
Dimensions (WxHxD)	22.9"x9.9"x30.8"(Not include adjustable feet)
Net Weight	80.5 lbs.
User Maintenance	Clean air filters, replace lamp assembly
Detachable Input Panels	
POA-MD18DVI	Digital Visual Interface (DVI-I w/HDCP) • 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-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 • 2 "AA" Batteries • AC power cord • VGA Cables • Light Block Sheets • Lens Mount Adapters (POA-LNA02 & POA-LNA01) • Real Color Manager PRO CD-ROM • Owner's manual(CD-ROM and Quick Reference Guide)
Optional Accessories	POA-MD03VD2A – Video Y,C and S-Video Board POA-MD08HD - HD-SDI Input Panel POA-MD13NET - Network Board POA-MD15SDI - SD-SDI Board POA-MD17SDID – HD-SDI & SD-SDI Input Board POA-MD21WARP- Warp & Blending 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 6103000862 - 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	Short Zoom	Short Zoom	Standard Zoom 1	Standard Zoom 2	Standard Zoom 3	Semi-Long Zoom	Long Fixed	Long Zoom	Long Zoom
Part No.	LNS-W01Z	LNS-W02Z	LNS-W03	LNS-W04	LNS-W06	LNS-S01	LNS-S02Z	LNS-S03	LNS-M01Z	LNS-T01Z	LNS-T02	LNS-T03
Zoom	No	Yes (power)	No	Yes (power)	Yes (power)	Yes (power)	Yes (power)	Yes (power)	Yes (power)	NO	Yes (power)	Yes (power)
Throw Ratio	1.2:1	1.35 – 1.8:1	0.8:1	1.5 – 2.0:1	1.2 – 1.5:1	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	6.2 – 9.0:1
F Stop	2.5	2.5 – 2.9	2.6	1.7 – 2.3	2.3 – 2.8	2.6 – 3.5	2.0 – 2.3	1.7 – 2.6	2.0 – 2.6	2.0	2.0 – 2.9	2.2 – 2.5
Lens Shift	8:1 – 1:8	8:1 – 1:8	1:1	8:1 – 1:8	8:1 – 1:8	10:0 – 0:10	10:0 – 0:10	8:1 – 1:8	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	6.2 lbs.	6.6 lbs.	3.7 lbs.	4.2 lbs.	8.2 lbs.	4.2 lbs.	8.4 lbs.	6.8 lbs.	16.1 lbs.