

Think GAIA
For Life and the Earth

SANYO

XGA Multimedia
Projector

PLC-XF47

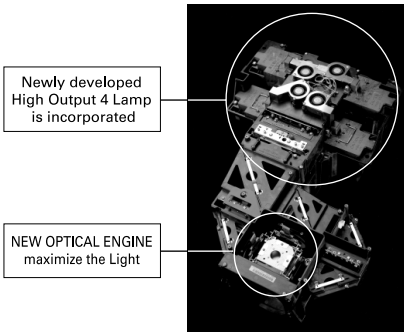
Extra Brightness and Extra Quality for
Extraordinary Occasions.

PLC-XF47



New Optical Engine Maximizes The Light

High-brightness technology and cooling technology provided by optimizing optical parts have improved light efficiency, and realized high brightness and high contrast, high reliability, and high resolution.



World's Brightest 15,000-Lumen LCD Projector

Utilizing four high-output 330-watt NSHA lamps as its light source, the PLC-XF47 delivers an amazing 15,000 lumens of brightness. Stacking two projectors in the twin-stack configuration can achieve up to 30,000 lumens of brightness.

*The industry's highest brightness for transmissive LCD projectors, as of Aug 1, 2007.(According to a Sanyo survey.)

Outstanding Contrast Ratio – 2,000:1

The PLC-XF47 contains a new liquid crystal panel with high-contrast optical system that achieves a contrast ratio as high as 2,000:1, exhibiting natural and smooth gradation.

Auto Picture Control

By optimizing the dynamic range of luminance signals and reflecting the gamma settings and offsets, the PLC-XF47 displays the most natural contrast and sharpness of images according to their characteristics. Remarkable depth and outstanding picture quality are the results of this auto picture control.

Vertical/Horizontal Edge Enhancement

Images so crisp and smooth are made possible by a seamless edge enhancement technique. Enhancing image outlines while minimizing granular noise emphasis, the PLC-XF47 generates sharp and realistic images.

Optional Lenses

By replacing the lens, the user can choose any projection range from 1.6 m to 18.4 m when projecting onto a 100-inch screen. As a result, a wide variety of installation options are available. *Lenses are sold as options.

Eleven Optional Lens Types

Part No.	LNS-W01Z	LNS-W02Z	LNS-W03	LNS-W04	LNS-W06
Zoom	No	Yes (power)	No	Yes (power)	Yes (power)
F Value	2.5	2.5 – 2.9	2.6	1.7 – 2.3	2.3 – 2.8
Lens Shift	8:1 – 1:8	8:1 – 1:8	1:1	8:1 – 1:8	8:1 – 1:8
Weight	5.8 kg	2.2 kg	3.1 kg	2.8 kg	3.0 kg
Standard Zoom	LNS-S02Z	LNS-S03	LNS-M01Z	LNS-T01Z	LNS-T02
Yes (power)	Yes (power)	Yes (power)	No	Yes (power)	Yes (power)
2.0 – 2.3	1.7 – 2.6	2.0 – 2.6	2.0	2.0 – 2.8	2.2 – 2.5
10:0 – 0:10	8:1 – 1:8	8:1 – 1:8	8:1 – 1:8	8:1 – 1:8	8:1 – 1:8
1.9 kg	3.7 kg	1.9 kg	3.8 kg	3.1 kg	7.3 kg

<http://www.sanyo-lcdp.com/english/>

Caution: Please consult the instruction manual to ensure safe and proper operation of the product.

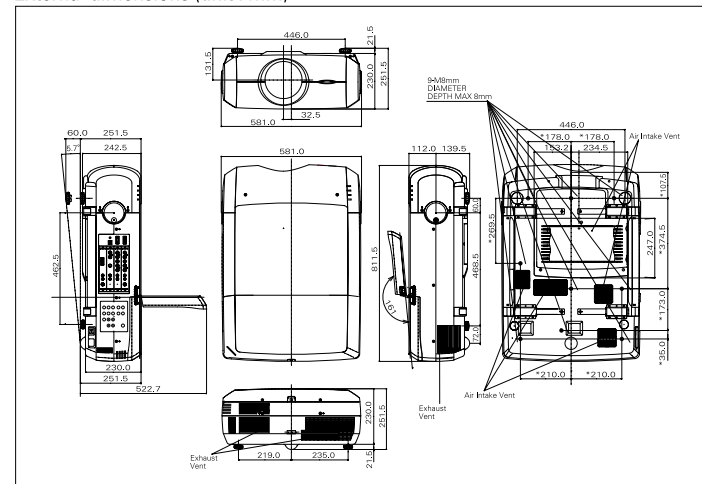
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Specifications

Model name	PLC-XF47
Resolution	XGA (1024 x 768)
Brightness	15,000 Lumens (4-lamp mode, use with LNS-S03) 7,500 Lumens (2-lamp mode, use with LNS-S03)
Uniformity	90 % (corner to center)
LCD Panel System	1.8" TFT polysilicon type x 3
Number of Pixels	2,359,296 (786,432 x 3)
Contrast Ratio	2000:1 (full on / off)
Projection Lens	Lens Sold Separately
Image Size	40" - 600" (Dependent on Lens)
Aspect Ratio	4:3
Digital Keystone Correction	+ / - 40° Max (Vertical) + / - 20° Max (Horizontal)
Projection Lamp	330 W NSHA x 4
Scanning Frequency	H Sync: 15-120 kHz, V Sync: 48-120 Hz
Dot Clock	230 MHz
Color System	PAL / PAL-M / PAL-N / SECAM / NTSC / NTSC4.43
Computer Compatibility	UXGA, SXGA+, SXGA, WXGA, XGA, SVGA, VGA, MAC
Voltage	200-240 V AC 9.7 A Max, 50 / 60 Hz (auto sense / select)
BTU Rating	5800
Power Consumption	1700 W
Dimensions (WxHxD)	581 x 252 x 812 mm (not including Adjustable Feet)
Net Weight	36.5 kg (w / o lens)
Detachable Input Panels	Board 1 • Digital Visual Interface (DVI-D) • Analog (D-sub15) Board 2 • RGBHV & Component & Composite (5-BNC) • S-video (Mini DIN 4-pin) Board 3, 4 Open for System Up
Fixed Input/Output Panel	• Serial in & Serial out (D-Sub 9 x 2) • USB (type B) • Wired RC jack (Stereo mini)
Included Accessories	• Wired / Wireless I / R Remote Control • Two "AA" type batteries • Owner's manual (CD-ROM & Quick Reference Guide) • AC power cord • VGA Cable • Lens Mount Adapters (POA-LNA02 & POA-LNA01)
Optional Accessories	• POA-MD23ADI - DVI-D, Mini D-sub15 Board • POA-MD25VD3 - 5BNC Board • POA-MD13NET2 - Network Board • POA-MD21WARP - WARP&Blending Board • POA-MD17SDID - HD-SDI & SD-SDI Input Board • POA-LNA02 - Lens Mount Adapter (for LNS-W02, M01 lenses) • POA-LNA01 - Lens Mount Adapter (for all other lenses) • POA-CA-RC30 - Wired Remote Cable • POA-LMP109 - Replacement Lamp

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.

External dimensions (unit : mm)



All products manufactured by the Projector Integrated Business Unit of SANYO's DI Company employ a quality management system that has undergone the inspection and registration process of the ISO 9001:2000 international standard.



SANYO's DI Company has received ISO 14001 certification for the environmental management system used in its factory.



Pixelworks ICs are used in this projector



SANYO Electric Co. Ltd.
DI company

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