

SANYO

Multimedia LCD Projector

PLC-XF60A/EF60A

The Solution Professional Demands
XF60A/EF60A



6500 Lumens Brightness

The PLC-XF60A/EF60A is equipped with XGA / SXGA+ LCD panels with micro lenses. The two UHP lamps combine with the industry's most advanced optical engine to deliver class-leading brightness of 6500 lumens. * 5800 lumens for the PLC-EF60A



1300:1 Contrast Ratio

The new mechanical shutter system helps SANYO's high-performance optical system achieve its best-in-class contrast ratio of 1300:1*. This is one more reason for the PLC-XF60A/ EF60A's crisp, high-quality images. *In High Contrast

Mechanical Shutter System

A new shutter mechanism clicks into place to block the lamp light the instant you turn off the image. It also prevents overlapping images when you are using several projectors on a single screen.

Built-In Test Pattern

A built-in test pattern lets you make precise, detailed adjustments during setup, even when there's no external signal source available. It also eliminates the need to connect and reconnect equipment when making adjustments with a twin-stack setup.

Lens Memory

The lens position, zoom and focus settings can be stored in memory for instant recall.* * Supports only the standard lens (LNS-W04)

RF Remote Control with Touch Pad

The PLC-XF60A/ EF60A's RF remote control unit features a handy touch pad for easy operation, even in dark rooms.

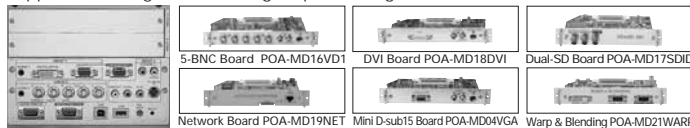


Front Interface Panel

Slots for optional boards and other terminals are right on the front panel for easy access. You don't need extra space behind the unit*. * A minimum space is required.

Two Interface Board Slots

The front panel has two slots for interface boards. Both slots support the Multi Versatile Platform (MVP), so you can expand functions in the future. Input 4 supports both digital and analog. Input 5 is digital.



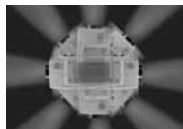
Vertical/Horizontal Lens Shift

The lens can be shifted between 10:0 and 0:10* vertically and between 3:2 and 2:3* horizontally. This makes the PLC-XF60A/ EF60A much easier to set up than our previous two-lamp projectors.

* With the LNS-W04, Shift range varies depending on the used lens.

360-Degree Tilt Angle

The PLC-XF60A/EF60A can project images while it is tilted 360 degrees around its horizontal axis in either direction—for more flexible setup.



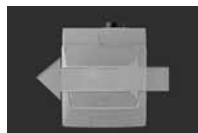
Warp & Blending(Optional)

The PLC-XF60A/ EF60A projects images onto a screen with a curved surface, letting you easily construct an advanced theater system.

Keystone Correction

The PLC-XF60A/ EF60A provides keystone correction of +/-20 degrees horizontally and +/-35 degrees vertically.

Note: Horizontal keystone is ineffective with the PLC-EF60A



Single Intake and Exhaust Vents

Air is drawn in through one vent and exhausted from another. You get simpler maintenance, with only one filter to replace.

Safety Precautions

• Do not install the LCD projector in areas exposed to water, humidity, dust, oil or smoke or in close proximity to heat sources. Make sure the heat vents are not blocked. Fire, electrical shock or unit malfunction may result if the above precautions are neglected. • Do not look through the lens while projecting as damage to the eyes could result. Take special care when children are close by.

Remarks

• LCD panel manufacturing requires extremely high-precision technology with pixels having a 99.99% quality control rating. However, there does exist a 0.01% or smaller possibility of dead pixels or constantly lit pixels. • Please note that product colors in the brochure may differ slightly from those of actual products. • All screen pictures in the catalog are simulated. • Product appearance and specifications are subject to change without notice.

Further details regarding this product can be accessed at <http://www.sanyo-lcdp.com/english/>

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

Distributed by:



SANYO Electric Co., Ltd.
AV Company

©2006 SANYO Printed in Japan 2006.2.SI

SML064

Other Features

- Progressive Scan IC
- Mechanical Shutter System
- Color/Gamma Correction
- New Graphical User Interface (GUI)
- Rigid, Stackable Cabinet
- Optional Lenses
- Filter Warning
- Easy-Replaceable Lens Mount
- USB Memory Backup
- Security Functions
- Warning Log

Dedicated options

		<p>Mounting hardware for low ceilings POA-CHS401</p>
		<p>Mounting hardware for high ceilings POA-CHL401</p>
	<p>Replacement Filter POA-FIL-140</p>	<p>Smoke Resistant Box POA-SR-140</p>
	<p>Bumper Frame POA-BF-140</p>	

* Appearance may change due to modification.

Specifications

Model number	PLC-XF60A	PLC-EF60A
System	3-color LCD shutter projection system	
Optics	Dichroic mirror separation/prism synthesis system	
LCD panel	Size	1.4-inch x 3, 4:3 aspect ratio
	Drive system	Polysilicon active matrix TFT
	Number of pixels	2,359,296 pixels: 786,432 (1,024 x 768) x 3
	Configuration	4,410,000 pixels: 1,470,000 (1,400 x 1050) x 3
	Stripe	
Lens	Optional	
Lamp	300W UHP x 2	
Projection size	30 to 500 inches diagonally	
Throw distance	Differs depending on installed lens	
Color reproduction	Full color (1,070 million colors)	
Brightness*1 *2	6,500 lumens	5,800 lumens
Uniformity*1	90%	
Contrast ratio*1 *3	1,300:1 (full on/full off)	
Scanning frequency	H-sync: 15-120 kHz, V-sync: 48-120 Hz, Dot clock: 230 MHz or less	
Resolution RGB	1,024 x 768 dots (Dot resizing for 1,600 x 1,200 - 1,280 x 1,024)	1,400 x 1,050 dots (Dot resizing for 1,600 x 1,200)
Computer compatibility	UXGA/SXGA/XGA/SVGA/VGA/Mac	
Color system	AUTO/PAL/SECAM/NTSC/NTSC 4.43/PAL-M/PAL-N	
Input terminals	Input 1	PC-Analog/RGB(Scart)/RGB(PC Digital)/RGB(AV HDCP)
	Input 2	RGB/Video/Y,Pb/Cb,Pr/Cr
	Input 3	Video/Y,Pb/Cb,Pr/Crb/S-Video
	Input 4	Open
	Input 5	Open
Communication terminals	USB port: Type A x1, type B x 1 Serial port: D-sub 9-pin x 2 (in/out) Wired remote jack: Stereo mini jack x 1	
Output terminals	Image: Mini D-sub 15-pin x 1 (analog RGB)	
Exclusive terminal	For Smoke Resistant Box	
Fan noise	39 dB (Eco mode)	
Operating temperature	5 - 35 C	
Power supply	AC 100-240 V, 50/60 Hz, auto voltage	
Power consumption	900 W	
Dimensions (W x H x D)	20.39" x 9.92" x 23.86" (518 x 252 x 606 mm)	
Weight	54.3 lbs (without lens) (24.7 kg)	
Standard accessories	Owner's manual, warranty card, AC power cord (3 m, x 1), wireless/wired remote control(x 1), AA-size dry batteries (x 2) supplied, PiN code label, VGA cable (x 1), lens attachment (x 1), light shield (x 2), application software CD-ROM.	

*1 The figures are averages of all products at the time of shipment, and are indicated in accordance with JIS X6911: 2003 Data Projector Specifications Format. The measurement method and conditions are described in Appendix 2.

*2 In 2 lamp mode, with the LNS-W04 installed.

*3 In High Contrast mode, lamp mode: Auto.



Pixelworks ICs are used in this projector