

SANYO

Multimedia LCD Projector

PLC-XP57L

Advertising and Providing Information in Public Spaces



State-of-the-Art Picture Quality

Bright 5,500 Lumens

The PLC-XP57L achieves a bright 5,500 lumens thanks to a number of advanced technologies in its optical engine, a 318W UHP lamp. Approaching the brightness of many large, multi-lamp models, this advanced projector is suited to a wide range of applications in event halls, classrooms, and meeting rooms.

*The highest brightness in its class for transmissive LCD projectors weighing 10 kg or less, as of May 12, 2006. (According to a Sanyo survey.)

Long-Life Optical Components

Newly developed LCD panels and optical compensators, and an improved cooling system have extended the life of the optical components and dramatically increased reliability.

3-2 Pull-Down Progressive Scan

The progressive scan circuit makes moving pictures smooth and clear. Its 3-2 pulldown compatibility, including 1080i HDTV, assures superior images from film sources.

High 1,000:1 Contrast Ratio

The PLC-XP57L boasts a high contrast ratio of 1,000:1 contrast ratio to offer more natural images with finer gradation.

10-Bit 3D Digital Progressive Circuit

Ten-bit digital processing is used for the video signal to achieve smooth 1,024-step gradation for each of the R, G, and B components. Color reproduction consists of approximately 1,070,000,000 colors.

More Image-Enhancing Technologies

- Auto picture control • Intelligent sharpness control
- 3D digital Y/C separation • 3D digital noise reduction

Network Functions (Optional)

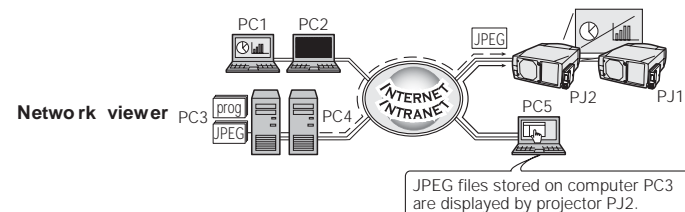
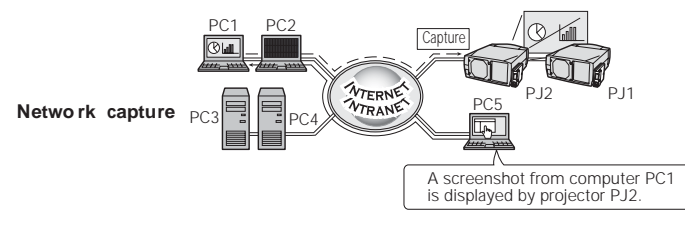
Projector Management and Control over a LAN

Simply mount the optional PJ-Net Organizer Plus II POA-PN03 into the projector for easy management and control via a LAN.



PC Image Transmission*

The PJ-Net Organizer Plus II also adds a PC image transmission function* for a variety of applications, like projecting PC-based advertisements and information in show windows. *Moving images cannot be transmitted.



Functions Provided by the PJ-Net Organizer Plus

- PC image transmission • E-mail alert • On/Off timer function
- Web management • Web control • Multi-control (up to 100 projectors)
- Peripheral equipment control

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

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

Flexible Set-Up

One-Touch Interchangeable Lens System

Optional lenses are available. An optional bayonet mount (POA-LNA-03) enables different lens types to be interchanged at will.

Digital Keystone Correction

This function corrects trapezoidal distortion of ± 35 degrees vertically and ± 15 degrees horizontally.

Note: The degree of correction varies depending on factors such as the lens, the lens shift position, and the projection distance. Horizontal correction is not accurate for a light axis ratio (vertical ratio) other than 10:0.

Up/Down Power Lens Shift

You can move the projected image up or down without physically moving the projector, which makes it easy to center the image on the screen before your presentation.

Other Features

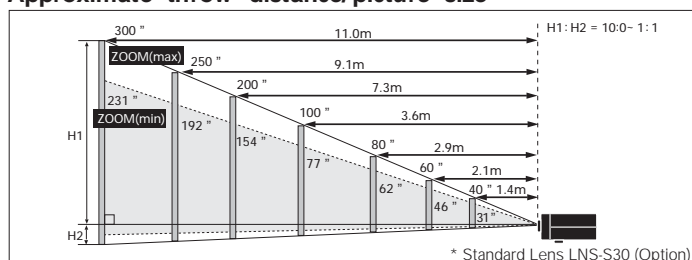
- Eco mode offers quiet 36-dB rated operation with low energy consumption*
- DVI-D terminal with HDCP • RGB analog out terminal • GUI menu in 12 languages
- Power-driven optical zoom and digital zoom • USB and 8-pin mouse control port
- Built-in stereo amplifier and speakers • Wireless/wired remote control with mouse functions and built-in laser pointer* Brightness is approximately 80 percent that of normal mode.

Specifications

Model number	PLC-XP57L
LCD panels	1.3-inch TFT p-Si x 3
Aspect ratio	4:3
Number of pixels	786,432 (1,024 x 768) x 3, Total: 2,359,296 pixels
Lens	Option
Lamp	318 W UHP lamp
Screen size	31 - 400
Color reproduction	Full color (1,070 million colors*1)
Brightness*2 *3	5,500 lm
Uniformity*2	90%
Contrast*2	1,000:1 (full on/full off)*4
Sound output	2 W + 2 W (stereo)
Resolution	
RGB	1,024 x 768 dots
Terminals	
Input 1	Video: Video DVI-D x 1 (HDCP compatible*5), Mini D-sub 15pin x 1; Audio: Stereo mini
Input 2	Video: BNC x 5 (RGB, Y/Video-Pb/Cb-Pr/Cr); Audio: Stereo mini
Input 3	Video: Video RCA x 3 (Y/Video-Pb/Cb-Pr/Cr), S-Video x 1; Audio: RCA x 2 (stereo)
Control ports	Control (Mini DIN 9pin) x 1, Wired remote x 1, USB (type-B) x 1
Color systems	PAL/SECAM/NTSC/NTSC 4.43/PAL-M/PAL-N
Scanning frequency	H sync: 15-100 kHz, V sync: 48-100 Hz, Dot clock: 180 MHz
Power source	100-240 V AC (auto voltage), 50/60 Hz
Power consumption	480 W (15 W in standby mode)
Dimensions (W x H x D)	319 x 168 x 429.5 mm*6
Weight	7.9 kg (without lens)

- *1 For video signal
 *2 Average values at shipment are shown, in accordance with the JIS X 6911:2003 specification format for data projectors.
 *3 Measurement methods and conditions are based on Appendix 2 of the standard.
 *4 With auto lamp control on
 *5 Projector may not display video from DVI input if the HDCP standard is changed.
 *6 Protrusions not included

Approximate throw distance/picture size



Screen size (inches)	300	250	200	150	100	80	60	40
Zoom (min)	14.2m	12.0m	9.6m	7.2m	4.7m	3.8m	2.8m	1.8m
Zoom (max)	11.0m	9.1m	7.3m	5.4m	3.6m	2.9m	2.1m	1.4m

Approximate throw distances shown above were calculated on lens design specifications. Please note that up to 5% deviation may result due to lens variation.

Options

- PJ-Net Organizer Plus II POA-PN03
- Bayonet mount POA-LNA-03
- Optional Lenses LNS-W32/ LNS-W31A/ LNS-S30/ LNS-S31/ LNS-T31A/ LNS-T32



Pixelworks ICs are used in this projector



SANYO Electric Co., Ltd.
 AV Company

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