

# SANYO

Ultra Portable Multimedia  
LCD Projector

PLC-XU87/ XU84

Go-Anywhere Portability. Do-Anything Networking.

PLC-XU87/ XU84



## Portability

### LightWeight and Compactness

The compact and lightweight body (294.5 x 69.5 x 208 mm and 2.6 kg) of the PLC-XU87/XU84 offers great portability.

### Bright Images Even in a Well-Lit Room

The PLC-XU87 provides outstanding brightness of 2,500 lumens, while the PLC-XU84 delivers 2,000 lumens of brightness.

### Power-Off and Go

No need to wait for the projector to cool down. You can disconnect the power cord right after your presentation.

### Two Computer Inputs (DVI-H and D-sub)

The PLC-XU87/XU84 has two computer input terminals— DVI-H input and D-sub input. The D-sub terminal can be switched to a monitor out for the DVI-H input.



### Auto Vertical Keystone Correction

The PLC-XU87/XU84 automatically compensates for keystone picture distortion. The correction range is up to 20 degrees. Horizontal correction is operated manually.

NOTE: On-screen image size after correction is smaller than that of original. The correction range varies depending on the operation settings, such as lens shift ratio and lens zoom magnification.

- 1.57x Optical and 16x Digital Zoom
- Blackboard Mode (for Green Color Boards) • USB Memory Viewer

## Network Flexibility

### Wireless/Wired LAN Capability

The PLC-XU87/XU84 is ready for wireless and wired LAN connection to give you greater projection versatility.

### Multi Control with Web Management

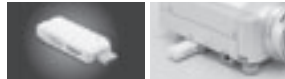
With Multi-Control, a single computer can setup and control multiple projectors up to 64 units at the same time. With the Web Management feature, projector functions such as power status, lamp status, input mode, signal condition, and lamp-use time can be monitored through the network by using a web browser.

### Moderator Function

This function lets you choose which PC to use for projection when several PCs are connected to a projector. In a classroom, for instance, a teacher or presenter can select which of the students' PC images to project. It also prevents unauthorized or accidental projection.

### IEEE 802.11b/g Wireless Function

The PLC-XU87/XU84 comes supplied with an USB wireless LAN adapter.



### Easy Wireless Connection

Connection settings for the projector and PC are made automatically. After the presentation, wireless settings are restored to their previous status. This works for both the Adhoc, where the data is sent directly from the PC to the projector, and the infrastructure mode, where the data is sent through an access point.

\* IEEE 802.11b only

- Real-Time Transmission • One-Shot Transmission
- Five-Unit Simultaneous Projection • E-mail Alert • WEP/LEAP Authentication

## Picture Quality

- High-Quality UXGA Projection Compressed with DRIT • 3D AUCC
- 3-2/2-2 Pull-Down Progressive Scan • Separate RGB Panels

## Convenience

- Quiet Operation • Countdown/Immediate Projection Selectable
- Control Lock Functions

## Other Features

- PJ Link compatibility • 16-Language on-screen menu • Custom startup logo
- User logo (screen capture) • No show • Freeze • Presentation timer

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

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## Specifications

Model name	PLC-XU87	PLC-XU84
LCD Panel system	0.63-inch TFT p-Si x 3	
Number of pixels	2,359,296 (1024 x 768 dots)	
Projection lamp	200 W UHP	
Brightness (typical)	2500 lm	2000 lm
Uniformity	85%	
Contrast ratio	500:1	400:1
Projection lens	F1.6 - 2.5, f=17.7- 28.3 mm	
Screen size	40"-300" 1.1-13.1 m (100" at 2.8 - 4.4 m)	
Zoom / Focus	1:1.57 Manual driven U:D= abt.9:1	
HDTV signals	480i, 480p, 575i, 575p, 720p, 1035i, and 1080i	
Color systems	PAL / SECAM / NTSC / NTSC4.43 / PAL-M / PAL-N	
Video signal	Composite, D-sub 15-pin for component	
Video terminals	RCA : Video Mini-DIN 4-pin : S-Video 1-Input	
Computer compatibility	UXGA / WXGA / SXGA / XGA / SVGA / VGA / MAC analog	
Computer terminals	DVI-H for Input D-sub for Input, D-sub 15 pin for input or monitor out	
Audio terminal	RCA (L / R) for video input Mini-Jack (stereo) for computer input Mini-Jack (stereo) for output (variable)	
Network terminal	Wired : RJ45 (100BASE-TX / 10BASE-T) Wireless : USB (USB LAN ADAPTOR)	
Communication terminals	Service Port (RS-232C), USB type B	
Presentation tools	Freeze / Digital Zoom / No Show / Page / Etc	
Other features	Progressive, 3-2 pull down, & 2-2 pull down, user logo	
Scanning frequency	H sync: - 100 kHz, V sync: - 100 Hz, dot clock: 140 MHz	
Sound output	1.0W Mono	
Voltage	100 V-240 V AC (auto voltage)	
Dimensions (W x H x D)	294.5 x 69.5 x 208 mm (not including adjustable feet)	
Weight	2.6 kg (5.7 lbs)	

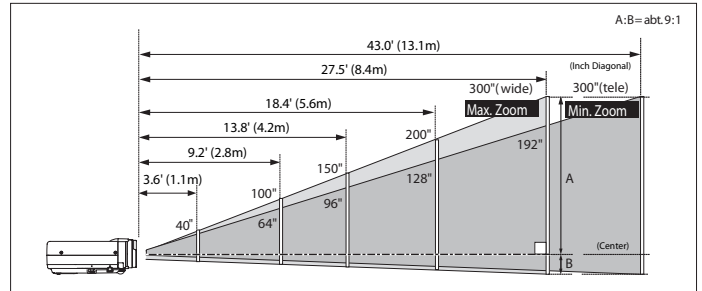
### USB Wireless LAN adaptor Specifications

Interface	Correspond to IEEE802.11b/g, USB 2.0 / 1.1
Communication Mode	AdHoc, Infrastructure
Data Transfer Speed	1 / 2 / 5 / 11 Mbps (IEEE802.11b) 6 / 9 / 12 / 18 / 24 / 36 / 48 / 54 Mbps (IEEE802.11g) When using AdHoc mode, only IEEE802.11b is usable.
Wireless Frequency (Channel)	2412 MHz-2462 MHz (CH1-CH11)
Modulation Form	IEEE802.11g OFDM 54/4 Mbps 64QAM, 36/ 24 Mbps 16QAM, 18/ 12 Mbps QPSK, 9/ 6Mbps BPSK IEEE802.11b DSSS 11/5 Mbps CCK, 2 Mbps DQPSK, 1 Mbps DBPSK
Protocol	TCP / IP
Security	WEP 64 Bit / WEP 128 Bit / WEP 152 Bit, SSID, ESSID, LEAP
Service area	about 30m (without disturbance)
Operating Voltage	DC 5V
Environmental conditions	Operating temperature : 5-35°C Storage temperature / Humidity : 10-60°C / 5-95%

\* Design of the product, specifications are subject to change without notice.

### Approximate throw distance/picture size

PLC-XU87/ XU84



Screen Size (W x H) mm	40"	100"	150"	200"	300"
4:3 aspect ratio	813 x 610	2032 x 1524	3048 x 2286	4064 x 3048	6095 x 4572
Zoom (min)	5.6' (1.7m)	14.4' (4.4m)	21.6' (6.6m)	28.9' (8.8m)	43.0' (13.1m)
Zoom (max)	3.6' (1.1m)	9.2' (2.8m)	13.8' (4.2m)	18.4' (5.6m)	27.5' (8.4m)



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