

SANYO

**Ultra Portable Multimedia
LCD Projector**

PLC-XU48

Made to Move PLC-XU48



High-Resolution LCDs Brighten Up Your Presentations

Separate RGB Panels for Faithful Color Reproduction

The PLC-XU48 series employs three 0.79-inch polysilicon thin-film transistor LCD panels for projection of true XGA (1024 x 768) resolution images with a total of 2,359,296 pixels.

Bright Images Even In a Well-Lit Room

The PLC-XU48 series uses a 200-watt UHP lamp for outstanding brightness and well-balanced color reproduction.

Progressive Scan

A progressive scan circuit ensures superb, high-resolution video images.

User-Controllable 10-Bit Digital Gamma Correction

Select the most appropriate gamma correction mode from among Standard, Cinema, Real (for graphics) and four user settings.

3D AUCC for High-Resolution Images

The 3D Automatic Uniformity Correction Control (AUCC) circuit ensures a uniform projected image, balancing uneven color and brightness gradations for more natural image displays.

High-Quality UXGA/WXGA Compressed Projection with DRIT

SANYO's original Digital Realized Interpolation Technology (DRIT) enhances projected images, even if the resolution of the input signal differs from that of the LCD panels.

Projection Flexibility for Successful Presentations

Digital Keystone Correction

To compensate for keystone (trapezoidal) picture distortion, the PLC-XU48 series provides vertical keystone correction with a correction range up to $\pm 20^\circ$.
Up/down correction range ($\pm 20^\circ$ maximum)
On screen image size after correction is smaller than that of original. Correction range varies depending on operation settings such as lens shift ratio, lens zoom magnification and so on.



Light Weight and Compactness for Greater Portability

The compact design (298 x 71 x 213 mm) and lightweight body (2.7 kg) let you make presentations almost anywhere.

Digital and Optical Zooms Make Setting Up More Flexible

In addition to its 1.2x optical zoom, the PLC-XU48 series features a 1/2x to 16x digital zoom that lets you easily enlarge or reduce the screen display size as desired.

Dimmer Function to Optimize Lamp Brightness

In addition to Normal mode and Eco mode, the PLC-XU48 series offers Auto mode. Auto mode adjusts lamp brightness in response to the video signal to ensure high contrast for rich, deep blacks.

Fan Control System Reduces Unwanted Noise

The intelligent Fan Operation Linear Control System reduces cooling fan noise according to changes in temperature.

Blackboard (Green color) Mode

This mode lets you use a blackboard as a projection screen*. It adjusts the colors to make images look similar to those projection to an ordinary white screen.

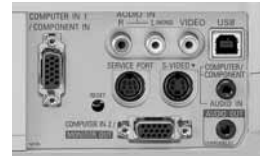
* For blackboard of green color only.

Security Functions

The PIN code lock function prevents others from operating the projector without inputting the correct PIN code. The key lock function, which is set from the operation menu, locks the operation of the top control and remote control buttons.

Two D-sub Input Terminals

These two terminals can be used for D-sub input, or one can be switched and used as a monitor out terminal.



Other Features

- Freeze function
- User logo function
- No show function
- Presentation timer
- Multilanguage menu display (12 languages)

Specifications

| | |
|-------------------------|--|
| Model name | PLC-XU48 |
| Panels | 0.79-inch TFT p-Si x 3 |
| No. of pixels | 2,359,296 (1024 x 768 dots) |
| Projection lamp | 200 W UHP 1.0 mm |
| Brightness (typical) | 3000 lm |
| Contrast | 450 : 1 (Lamp mode "AUTO") |
| Uniformity | 85% (corner to center) |
| Projection lens | F1.7-2.1, f=26.7-32 mm |
| Screen size | 33"-300" 1.3-10 m (100" at 3.3-4.0 m) |
| Zoom / Focus | 1:1.2 Manual driven U:D= 9:1 |
| HDTV signals | 480i, 480p, 575i, 575p, 720p, 1035i, and 1080i |
| Color systems | PAL / SECAM / NTSC4.43 / PAL-M/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 | D-sub for Input, D-sub 15 pin for input or monitor out |
| Audio | RCA (L/R) for video input Mini-Jack (stereo) for computer input Mini-Jack (stereo) for output (variable) |
| Communication terminals | Service Port (RS-232C), USB type B |
| Presentation tools | Freeze / Digital Zoom / No Show / Page 1 / Etc |
| Other features | Progressive, 3-2 pull down, user logo |
| Scanning frequency | H sync: - 80 kHz, V sync: - 100 Hz, dot clock: 130 MHz |
| Sound output | 1.0W Mono |
| Voltage | 100 V-240 V AC (auto voltage) |
| Dimensions (W x H x D) | 298 x 71 x 213 mm (not including adjustable feet) |
| Weight | 2.7 kg (6.0 lbs) |

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

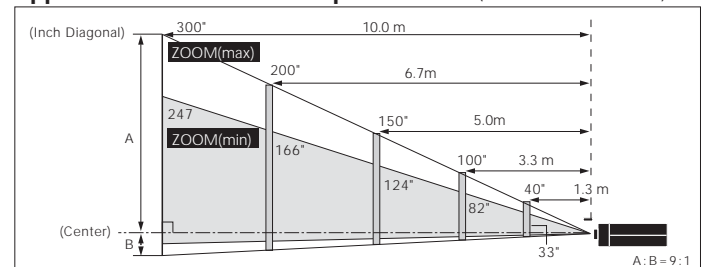
Accessories

- Owner's Manual
- AC Power Cord
- Remote Control and Batteries
- VGA Cable
- Lens Cover with String and Screw
- PIN Code Label

Optional Accessories

- COMPONENT-VGA Cable POA-CA-COMPVGA
- SCART-VGA Cable POA-CA-SCART
- Laser Pointer Remote Control Unit POA-RCKIT03
- Presentation Kit POA-RCKIT04 (Presentation Remote Control with Mouse Control Function)

Approximate throw distance/picture size (1.2x zoom lens model)



| Screen Size (W x H) mm | 33" | 40" | 100" | 150" | 200" | 300" |
|------------------------|-----------|-----------|-------------|-------------|-------------|-------------|
| 4:3 aspect ratio | 671 x 503 | 813 x 610 | 2032 x 1524 | 3048 x 2286 | 4064 x 3048 | 6095 x 4572 |
| Zoom (min) | 1.3m | 1.6m | 4.0m | 6.1m | 8.1m | — |
| Zoom (max) | — | 1.3m | 3.3m | 5.0m | 6.7m | 10.0m |

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



Pixelworks ICs are used in this projector

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