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For Life and the Earth

**SANYO**

## Ultra Portable Multimedia Projector

PLC-XU78/ XU75



Gives You Quick Response and Flexibility.



LP-XU78: 3,000 lumens  
LP-XU75: 2,500 lumens



### Light Weight and Compactness for Greater Portability

The compact design (335 x 79.7x 238.4 mm) and lightweight body (3.1 kg) let you make presentations almost anywhere.

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

The PLC-XU78 provides outstanding brightness of 3,000 lumens, while the PLC-XU75 delivers 2,500 lumens of brightness.

### High-Quality UXGA / WXGA Compressed Images with DRIT

Digital Realized Interpolation Technology (DRIT) supports input signals with resolution ranging from UXGA to VGA by compressing/decompressing signals.

### Two D-sub Terminals

The PLC-XU78 / XU75 series projector has two D-sub input terminals. One of these can be switched and used as a monitor out terminal.

### Power-Off and Go

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

### Digital Keystone Correction

To compensate for keystone (trapezoidal) picture distortion, the PLC-XU78 / XU75 provides vertical keystone correction with a correction range up to  $\pm 20$  degrees.

Note: 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.



### Digital and Optical Zooms Make Setting Up More Flexible

In addition to its 1.2x optical zoom, the PLC-XU78 / XU75 features a 1/2x to 16x digital zoom that lets you easily enlarge or reduce the screen display size as desired.

### Fan Control System Reduces Unwanted Noise

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

### 3D AUCC for High-Resolution Images

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

### 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.

### 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 projected onto an ordinary white screen. \* For blackboards of green color only.

### Countdown / Immediate Projection Selectable

You can select either mode at start-up. Countdown mode ensures that the lamp has reached sufficient brightness before projecting the image. Immediate mode lets you project the image as soon as the power is turned on, even if the optimum level of brightness has not been reached.

### Separate RGB Panels for Faithful Color Reproduction

The PLC-XU78 / XU75 employs three 0.63-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.

<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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### Progressive Scan with 3-2 / 2-2 Pull Down

A progressive scan circuit ensures superb, high-resolution video images. Luminance Transient Improvement (LTI) and Color Transient Improvement (CTI) sharpen the detail. The result is clearer, sharper images from both RGB and video sources.

### User-Controllable 10-Bit Digital Gamma Correction

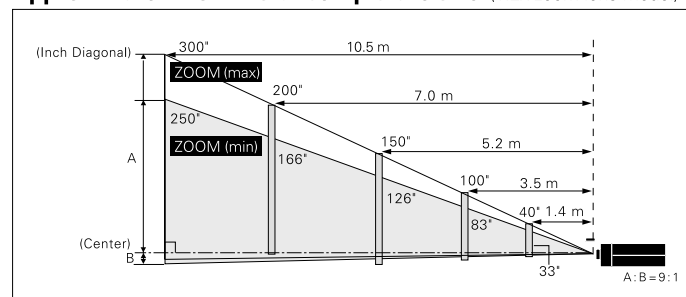
Select the most appropriate gamma correction mode from among Standard, Cinema, Real (for graphics) and four user settings.

### Specifications

Model name	PLC-XU78	PLC-XU75
Panels	0.63-inch TFT p-Si x 3	
No. of pixels	2,359,296 (1024 x 768 dots)	
Lamp wattage	220 W UHP	200 W UHP
Brightness (typical)	3000 lm	2500 lm
Uniformity	85 % (corner to center)	
Projection lens	F1.65-1.81, f=22.5-27 mm	
Screen size	40"-300" 1.4-12.6 m (100" at 3.5 - 4.2 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, & 2-2 pull down user logo	
Scanning frequency	H sync: - 100 kHz, V sync: - 100 Hz, dot clock: 140 MHz	
Sound output	1.0 W Mono	
Voltage	100 V-240 V AC (auto voltage)	
Dimensions (W x H x D)	335 x 79.7 x 238.4 mm (not including adjustable feet)	
Weight	3.1 kg (6.8 lbs)	

\* Design of the products and specifications are subject to change without notice.

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



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)	1.6 m	4.2 m	6.3 m	8.4 m	12.6 m
Zoom (max)	1.4 m	3.5 m	5.2 m	7.0 m	10.5 m

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



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

**SANYO Electric Co. Ltd.**  
DI company

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