PLC-XU41

Tiny in price but big on performance.

As one of the world's leading manufacturers, SANYO has the ideal projector for every need. Nevertheless to remain a leading innovator you need to keep setting new industry standards. That is why we asked our engineers the following key question:
How can we pack the maximum performance into the smallest space – at an unrivalled price / performance ratio?

The answer, worked out down to the last technical detail, is the PLC-XU41 – SANYO's latest all-rounder in ultra portable projector class. Educators who want the latest and greatest in educational presentations will appreciate the new model's core features: excellent image quality, up-to-date XGA resolution, flexible usage options, extraordinary ease of use and a slew of useful technical features.

With the PLC-XU41, we are pleased to introduce an exceptional business professional in the compact class – one that combines mobility, functionality and perfection like virtually no other projector. Discover just how wonderful small can be.

PLC-XU41

Technical Specifications

Panel	3 x 0.8“ TFT p-Si			
Projection Lamp	200 W SHP			
Brightness	1,500 ANSI lumens			
Lens	F = 1.7 – 2.1; f = 26.7 – 32 mm			
Throw Ratio	1.65 – 1.95 : 1			
Throw Distance	1.3 – 10 m			
Contrast Ratio	400 : 1			
Resolution in pixels	2,359,296 (XGA 1,024 x 768)			
Horizontal Resolution	650 TV lines			
Bandwidth / Frequency	130 MHz / horizontal 15 ~ 100 kHz, vertical 50 ~ 100 Hz			
Uniformity	90 %			
Keystone Correction	Vertical +/– 20°			
Color Systems	PAL / SECAM / NTSC / NTSC4.43 / PAL-M/N			
HDTV Signals	480i, 480p, 575i, 575p, 720p, 1035i, 1080i			
Computer Compatibility	S-XGA / XGA / S-VGA / VGA / MAC			
Connections	Computer inputs: 1x D-Sub15 (RGB / component / SCART-RGB) 1x D-Sub15 (RGB in or monitor out)	Video inputs: 1x S-Video (mini DIN 4-pin) 1x component via D-Sub15 (optional with cable POA-CA-COMPVGA) 1x cinch (video)	Audio: 2x RCA (L/R) for video in 1x 3.5 mm stereo jack for computer input 1x 3.5 mm stereo jack (output, variable)	Control inputs: 1x Mini DIN 8-pin (RS232) 1x USB (Type B) for mouse control
Sound	1 W Mono			
Voltage	100 – 240 V			
Power Consumption	260 W (Eco Mode: 230 W, Standby: 7 W)			
Guarantee	3 years			
Dimensions (W x H x D)	298 x 71 x 218 mm			
Weight	2.7 kg			

Technical specifications subject to change without notice. Status 06/2004

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All the advantages at a glance

- High-quality lens for sharp, even images
- 1,500 ANSI lumens brightness and XGA resolution
- Blackboard mode
- Ideal for interactive whiteboard applications
- Robust, compact housing
- Intuitive, easy-to-use interface

- Extensive connection options
- Keystone correction
- Quiet operation
- Eco Mode
- Clear menu structure
- 3 presentation functions
- Extensive range of accessories
- 3-year guarantee

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Outstanding Image Quality

A shining example of brightness, resolution and contrast.

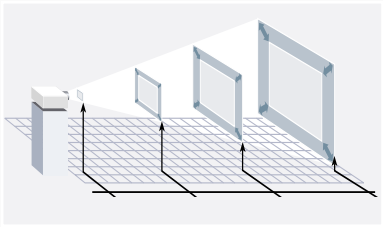
Brightness and brilliance are not just a question of size. With 1,500 ANSI lumens and XGA resolution, the extremely compact PLC-XU41 can easily handle any natural or artificial lighting situation. Its clear, sharp images and high 400:1 contrast ratio mean that it can deliver brilliant colors with rich blacks and radiant whites.

Every presentation is a unique experience – especially in classrooms that only have a blackboard instead of a projection screen available. Thanks to its blackboard mode, the PLC-XU41 can deliver first-class projections on green backgrounds.

An excellent image in any situation no matter how you look at it.

The high-quality lens projects images that are uniformly sharp right to the very edges – regardless of whether you are projecting from a distance of 1.3 meters or 10.

And at just four meters you can enjoy a diagonal image size of over three meters! This gives you maximum freedom when setting up the projector.



Distance [in m]	1.3	4.0	8.0	10.0
Possible Diagonals [m]	0.83–1.08	2.52–3.05	5.02–6.08	6.27–7.59

Distance [in m]		1,3	4,0	8,0	10,0
Width x Height	Min.	0.67 x 0.50	2.02 x 1.51	4.01 x 3.01	5.02 x 3.76
Diagonal	Min.	0.83	2.52	5.02	6.27
Width x Height	Max.	0.80 x 0.60	2.44 x 1.83	4.86 x 3.64	6.07 x 3.76
Diagonal	Max.	1.08	3.05	6.08	7.59

All specified values in [m] meters.

Extraordinary Comfort

An elegant and compact design that sets new standards.

Ease of use begins at the design stage. Like all SANYO projectors, the PLC-XU41 represents the perfect combination of form and function: elegant design and intuitive operation.

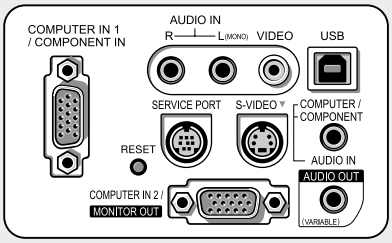
Its compact and lightweight, yet nonetheless highly robust, housing as well as its simple operation will make the PLC-XU41 the highlight of any presentation.

Perfect for today's interactive and creative teaching methods.

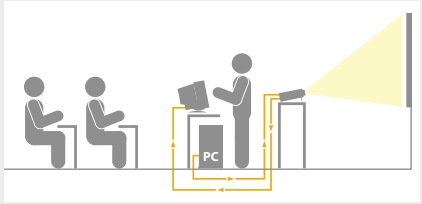
In conjunction with the latest generation of interactive whiteboards that allow impressive combinations of different media, the PLC-XU41 is the ideal team player.

Extensive connection options – maximum flexibility.

The connection panel offers maximum compatibility. Whether Component video, S-Video, Composite video and audio inputs or D-Sub15, RCA, USB and serial ports – the projector's wide range of connection options have got you covered.

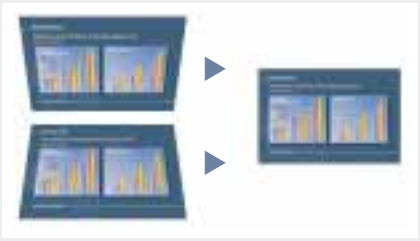


In addition, a control monitor can be connected to the monitor output so that the presenter can follow the presentation as well. Now there's no need to face the projection screen which means you will never loose eye contact with your public.



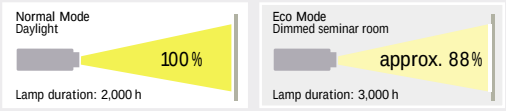
Distortion-free images with keystone correction.

Projectors can't always be aligned perfectly with the screen. When they aren't, distorted or trapezoidal images result. With digital keystone correction, the projector can correct vertical distortions by up to +/– 20°. In addition, the selected correction parameter can be stored – a definite advantage for fixed installations.



Increased lamp life thanks to reduced power.

Those who adapt themselves to their environment live longer. This natural law applies to the lamps in the PLC-XU41 as well.



The PLC-XU41 can be operated in three different lamp modes:

- Normal Mode: Power consumption 260 watts, illumination: 100 %
- Eco Mode: Power consumption 230 watts, illumination: approx. 88 % of Normal Mode
- Auto Mode: Automatic switching between Eco and Normal modes. For dark scenes, Eco Mode permits higher contrast. For bright scenes, Normal Mode increases the brightness of colors.

A temperature-controlled fan ensures virtually noise-free operation.

So that listeners can concentrate fully on your presentation, the ventilation system in the PLC-XU41 adjusts itself to the surrounding room temperature.

Thanks to the integrated temperature sensors, this means that the fan need only be active to the extent that is actually necessary to cool the lamps.

And in Eco Mode the fan noise can be reduced even more.

Greater confidence thanks to the clear menu operation and key lock function.

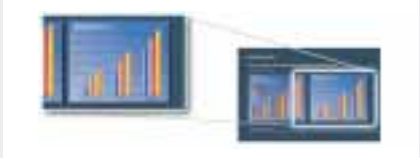
The onscreen menu is clearly structured and is available in 12 different languages. This means the speaker can change the settings quickly and specifically ensuring greater confidence during the presentation itself.

To prevent others from using the projector, the menu buttons on the projector can be locked.

Professional presentations made easy.

With three practical presentation functions, the PLC-XU41 makes it easy to wow the public:

- Digital zoom for enlarging individual image segments up to 49 times



- Still Image function for freezing the current image, useful for starting a new application in the background, for example.
- No Show function for hiding the current image with a company logo or other user-selectable image instead of a black screen.

Extensive Accessories

Included with every PLC-XU41:

- Remote Control
- Batteries
- Manual
- Computer Cable (D-Sub15)
- Power Cable
- Lens cover with screw and cord

Make your PLC-XU41 even more flexible with these optional accessories:

- Component / D-Sub15 Cable
- SCART / D-Sub15 Cable
- Mac / VGA adaptor

Exemplary Service

In terms of warranty and repair SANYO really outshines the competition as well:

Longer guarantee period than required by law.

Excellent proof of SANYO's outstanding product quality is its three year warranty period. Because only companies that are absolutely confident of the reliability of their products provide warranty periods that exceed those required by law.