PLC-XU41 | PLC-XU47

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 and the PLC-XU47 – SANYO's latest all-rounders in the ultraportable projector class. Educators who want the latest and greatest in educational presentations will appreciate these 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 and PLC-XU47, we are pleased to introduce two exceptional business professionals in the compact class – two projectors that combine mobility, functionality and perfection like virtually no other projector. **Discover just how wonderful small can be.**

PLC-XU41 | PLC-XU47

Technical Specifications

Panel	3 x 0.8" TFT p-Si
Projection Lamp	200 W SHP
Brightness	1,500 ANSI lumens (PLC-XU41)	2,000 ANSI lumens (PLC-XU47)
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	450 : 1 (auto mode)
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:	Video inputs:	Audio:	Control inputs:
	1x D-Sub15 (RGB / component / SCART-RGB)	1x S-Video (mini DIN 4-pin)	2x RCA (L/R) for video in	1x Mini DIN 8-pin (RS232)
	1x D-Sub15 (RGB in or monitor out)	1x component via D-Sub15 (optional with cable POA-CA-COMPVGA)	1x 3.5 mm stereo jack for computer input	1x USB (Type B) for mouse control
		1x cinch (video)	1x 3.5 mm stereo jack (output, variable)	

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 11/2004**

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PLC-XU41 | PLC-XU47

SANYO

Mobility in its finest form.
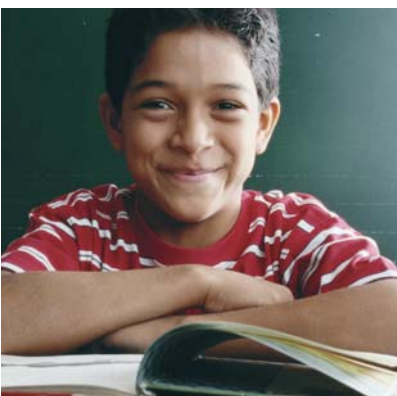### The latest in education.
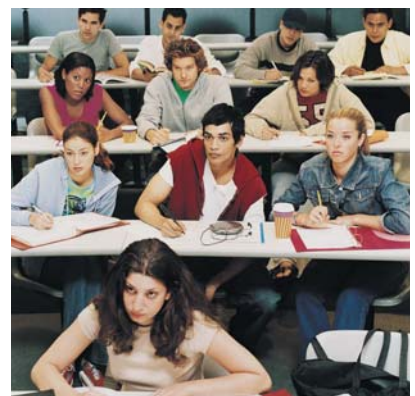
All the advantages at a glance

- High-quality lens for sharp, even images
- 1,500 or 2,000 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

PLC-XU41
PLC-XU47

PLC-XU41 | PLC-XU47

Outstanding Image Quality

A shining example of brightness, resolution and contrast.

Brightness and brilliance are not just a question of size. With 1,500 (PLC-XU41) or 2,000 (PLC-XU47) ANSI lumens and XGA resolution, these extremely compact projectors can easily handle any natural or artificial lighting situation.
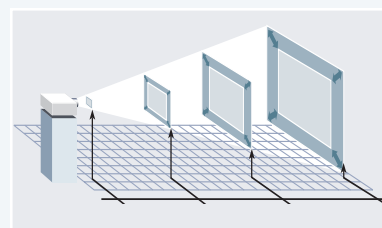The clear, sharp images and high 450:1 contrast ratio (auto mode) mean that they can deliver brilliant colors with rich blacks and radiant whites.

Every presentation is a unique experience – especially in classrooms that only have a blackboard instead of a projection screen available. Thanks to a blackboard mode, the PLC-XU41 and PLC-XU47 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 meters.

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

		1,3	4,0	8,0	10,0
Distance [in m]					
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 and PLC-XU47 represent the perfect combination of form and function: elegant design and intuitive operation.
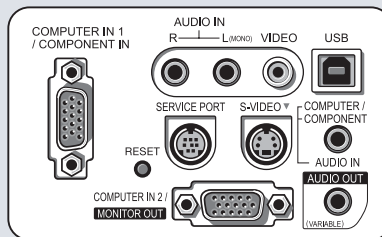
The compact and lightweight, yet nonetheless highly robust, housing as well as their simple operation will make the PLC-XU41 and PLC-XU47 the highlight of any presentation.

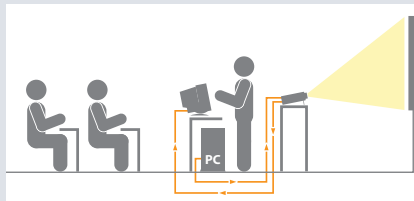## Perfect for today's interactive and creative teaching methods.

In conjunction with the latest generation of interactive whiteboards that allow impressive combinations of different media, the PLC-XU41 and PLC-XU47 are the ideal team players.

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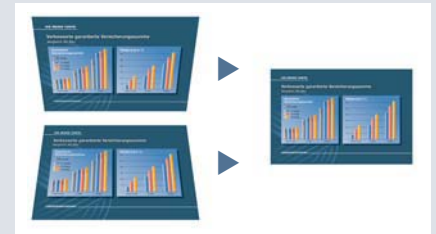
In addition, a control monitor can be connected to the monitor output so that the presenter can follow the presentation as well. Now there's no need to face the projection screen which means you will never loose eye contact with your public.
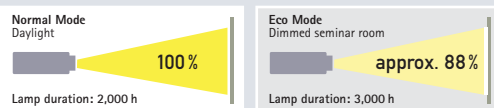
Distortion-free images with keystone correction.

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 and PLC-XU47 as well.

Normal Mode Daylight	Eco Mode Dimmed seminar room
100 %	approx. 88 %
Lamp duration: 2,000 h	Lamp duration: 3,000 h

The PLC-XU41 and PLC-XU47 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 and PLC-XU47 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.

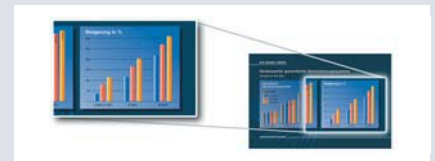### Greater confidence thanks to the clear menu operation and key lock function.

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 and PLC-XU47 make 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

Exemplary Service

Standard accessories:

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

Optional accessories:

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

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.