

PLC-SU51 | PLC-XU51 | PLC-XU56

Technical Specifications

	PLC-SU51	PLC-XU51	PLC-XU56		
Panel	3 x 0.8" TFT p-Si				
Projection Lamp	200 W (UHP)				
Lamp Service Life	1,500 h / 2,000 h Eco	1,000 h / 2,000 h Eco	1,000 h / 2,000 h Eco		
Brightness	2,000 ANSI lumens	2,000 ANSI lumens	2,500 ANSI lumens		
Lens	F = 1.7 – 2.5 / f = 20 – 30 mm				
Aspect Ratio	1.2 – 1.9 : 1				
Throw Distance	1.0 – 7.7 m				
Diagonal Screen Size	0.66 – 7.64 m				
Height Ratio	Top Screen Edge – Lens Center – Bottom Screen Edge: 9 : 1				
Contrast Ratio	450 : 1 (Lamp mode: auto)				
Resolution in Pixels	800 x 600 (S-VGA)	1,024 x 768 (XGA)	1,024 x 768 (XGA)		
Horizontal Resolution	650 TV lines				
Uniformity	85 %				
Color Systems	PAL / SECAM / NTSC / NTSC4.43 / PAL-M/N				
HDTV Signals	720p, 1035i, 1080i				
Computer Compatibility	S-XGA, XGA, S-VGA, VGA, Mac (PLC-SU51) and U-XGA (PLC-XU51/56)				
Connections	Input 1: 1x DVI-I (Digital with HDCP / analog for PLC-XU51/56) Audio: 3.5 mm Stereo Jack	Input 2: 1x D-Sub15 (RGB / Component / SCART-RGB) or Monitor Output Audio: 3.5 mm Stereo Jack (shared with Input 1)	Input 3: 1x RCA (Video), 1x Mini-DIN 4-pin (S-Video)	Audio: 2x RCA (R, L-mono) Audio Output: 1x 3.5 mm Stereo Jack (variable)	Control Inputs: 1x USB (Type B) for mouse control, 1x Mini-DIN 8-pin (RS232 compatible)
Sound	1 x 1 W mono				
Keystone Correction	Vertical: +/-40°; Horizontal: +/- 20°				
Guarantee	3 years				
Frequency	15 – 100 kHz horizontal, 50 – 100 Hz vertical				
Bandwidth	140 MHz				
Voltage	100 – 240 V				
Power Consumption	270 W Normal Mode, 196 W Eco Mode, 11 W Stand By				
Dimensions (W x H x D)	298 x 71 x 218 mm				
Weight	2.8 kg				

Technical specifications are subject to change without notice.
Date 09/2004

www.sanyo.de

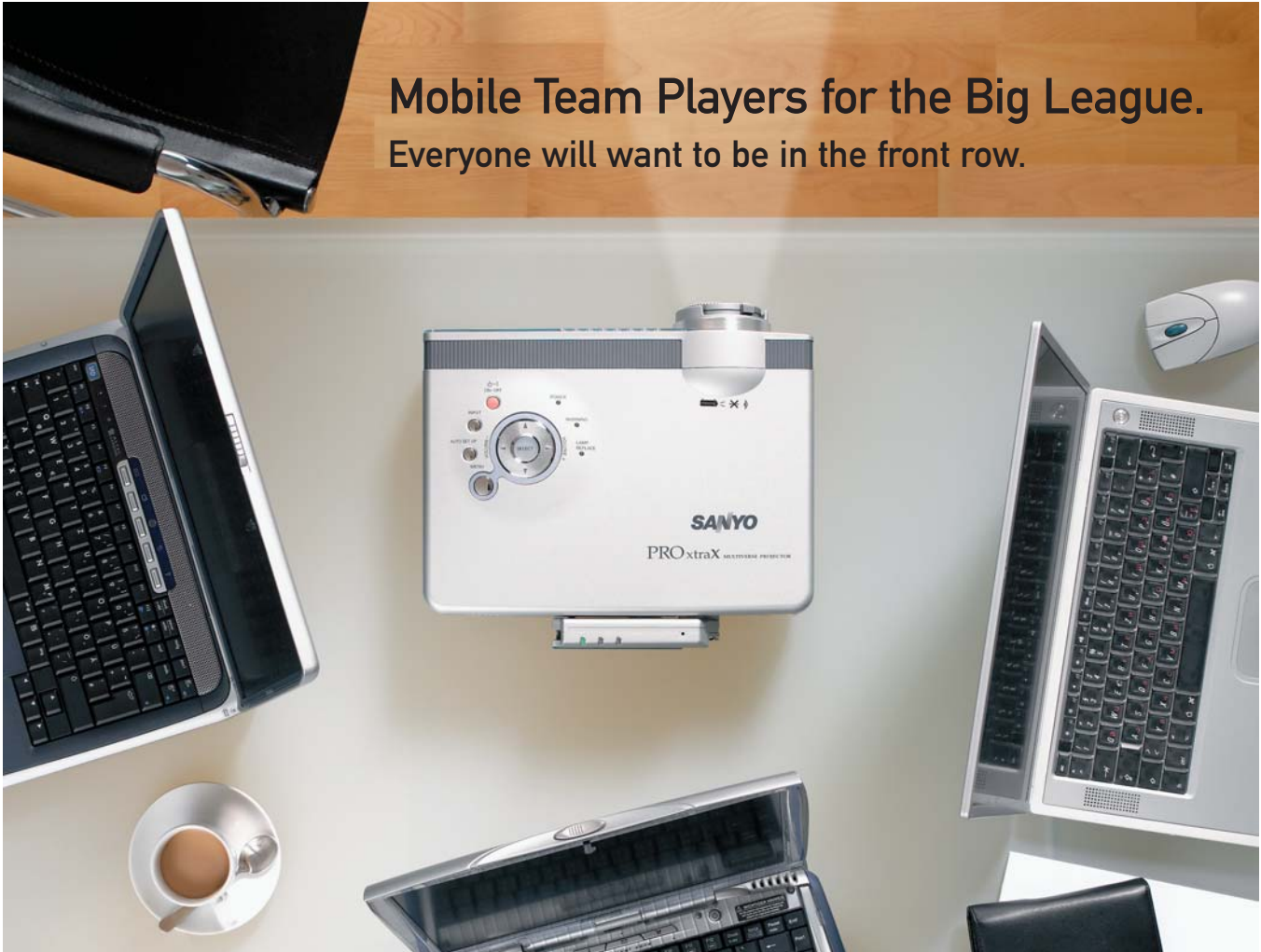


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SANYO

Mobile Team Players for the Big League.
Everyone will want to be in the front row.



Benefits at a Glance

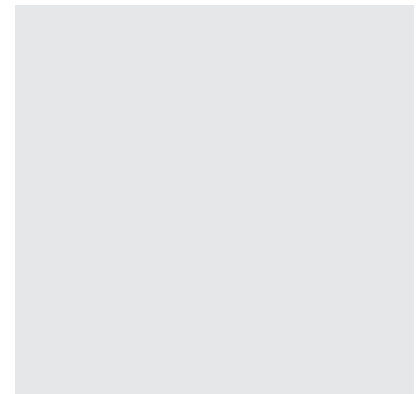


- Flexible wide-angle zoom lens for large images even at short projection distances
- Powerful brightness of 2,500 ANSI lumens
- SVGA or XGA resolution
- MultiCard Imager for network, W-LAN use, etc.
- Blackboard mode

- Robust, compact housing
- Intuitive, simple operation
- Wide range of connection options
- Horizontal and vertical keystone correction
- Future-compatibility with HDTV and HDCP support
- Extensive accessories



PLC-SU51
PLC-XU51
PLC-XU56



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Programmed for complete flexibility, ease-of-use and future compatibility.

As a technological leader in the LCD industry, SANYO was one of the first companies to integrate projectors in existing networks. That's why our ultra-portable, all-round projectors are always a decisive step ahead of the competition in terms of networking and wireless LAN capabilities too.

Consequently they let you structure your presentations with the utmost flexibility. With or without cables – from your laptop, network PC or with a CompactFlash card and no computer at all – a SANYO projector will work perfectly in any team. In companies as well as at universities and other educational institutions.

SANYO's mobile business professionals not only adapt perfectly to any location but to the person using them as well. Thanks to a clearly structured menu and a wide range of practical presentation functions on the remote control, you can concentrate on what is most important: your presentation. To ensure your projector will be up-to-date in the future as well, our engineers have integrated HDTV and HDCP compatibility too.

All you need to do is select the projector that meets your needs best.

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Dazzling Image Quality

In a class all by themselves – in brightness, resolution and contrast.

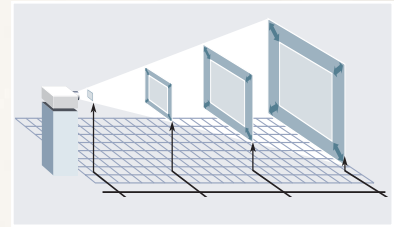
As handy as the new SANYO projectors may be, their inner qualities, like powerful brightness and dazzling brilliance, are simply mesmerizing. With 2,000 ANSI lumens and S-VGA resolution on the PLC-SU51 or 2,500 ANSI lumens and XGA resolution on the PLC-XU51/56, you can easily assert yourself over any natural or artificial lighting conditions. SANYO's Digital Realized Interpolation Technology (DRIT) guarantees optimal quality even at resolutions that are not the same as the native panel resolution.

These mobile team players stand out thanks to clear, sharply defined images and a 450 : 1 contrast ratio and will captivate audiences with their brilliant colors, deep rich blacks and radiant whites.

Optimal freedom with the multi-flexible wide-angle lens.

The multi-flexible wide-angle zoom lens delivers large images even at short projection distances. At a distance of just two meters, for example, the diagonal screen size is almost 2 meters! With the excellent 1.5 x zoom factor, you can zoom in and reduce the image to a width of approximately 1 meter from the same location.

This gives you maximum freedom when setting up the projector.



Distance [in m]	1.0	4.0	6.0	7.7
Possible Diagonals [m]	0.66–1.02	2.59–3.98	3.88–5.96	4.98–7.64

Distance [in m]	1.0	4.0	6.0	7.7
Width x Height Min.	0.53 x 0.40	2.07 x 1.55	3.11 x 2.32	3.98 x 2.98
Diagonal Min.	0.66	2.59	3.88	4.98
Width x Height Max.	0.81 x 0.61	3.19 x 2.39	4.77 x 3.57	6.11 x 4.58
Diagonal Max.	1.02	3.98	5.96	7.64

All specified values in [m] meters.



Exceptional Ease-of-Use

More than just pretty – functional design.

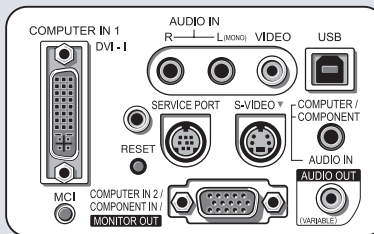
Form and function have been perfectly combined to provide intuitive operation. The PLC-SU51, PLC-XU51 and PLC-XU56 not only look good with their robust case, but are easy-to-use as well. They are ultra-compact and light-weight too – a major advantage for any presentation.

Ready, set, go! Interactive, creative teaching can now begin.

Regardless of where the new ultra-portable projectors are used, any presentation will be spectacular. Even in classrooms that only have a blackboard instead of a projection screen. The projector's special Blackboard mode enables first-class presentations on green blackboards as well. In addition, a new generation of interactive whiteboard is available that can be used to combine different media into stunning presentations. Here too SANYO's ultra-portable projectors ensure perfect teamwork.

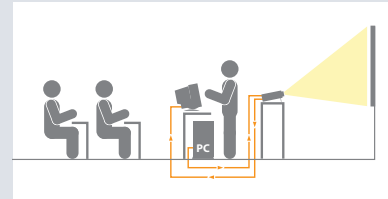
Ready for anything – thanks to a wide range of connection options.

You can tell just how versatile a projector is by looking at its connection panel. Component Video, S-Video, Composite Video and audio inputs as well as D-Sub15, RCA, USB and serial connectors – the ultra-portable all-rounders from SANYO don't leave anything out.



Equally helpful: Because a control monitor can be connected to the monitor output, speakers will always be able to keep a tight grip on their presentation. Now there is no need to turn your back on audience to face the screen.

Automatic configuration with Auto Setup.



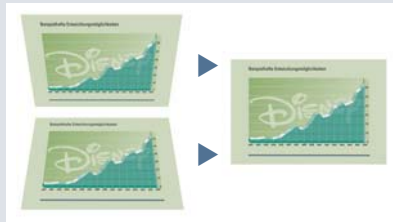
No more time-consuming manual setup. Whether synchronizing the computer input signal or automatically correcting vertical keystone, with the Auto Setup function there is no longer any need for manual configuration.

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Exceptional Ease-of-Use

The best remedy for distorted images: keystone correction.

Projectors cannot always be perfectly aligned with the screen. Thanks to the digital keystone correction feature, image distortions can be automatically corrected by up to $\pm 40^\circ$ vertically and manually by up to $\pm 10^\circ$ horizontally. The configured parameters can also be stored easily – a major advantage for fixed installations.



Choosing a reduced power consumption mode increases lamp life dramatically.

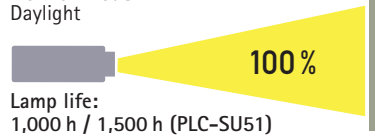
A ray of light for lamp life: reduced power mode.

Being able to determine the lamp life yourself is a big plus. All you need to do is decrease the power consumption.

That is why the PLC-SU51, PLC-XU51 and PLC-XU56 will all operate in three different lamp modes:

- **Normal Mode**
Power Consumption: 270 watts
Brightness: 100 %
- **ECO Mode**
Power Consumption: 196 watts
Brightness: approx. 85 % of max. brightness
- **Auto Mode**
Independent switching between Eco and Normal mode. For dark scenes, Eco Mode delivers greater contrast. For bright scenes, Normal Mode increases color saturation.

Normal Mode Daylight

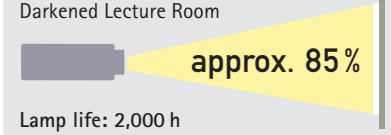


It sounds good too: Silent operation as required.

Audiences want to be able to concentrate fully on the presentation. To ensure that they can, temperature sensors control the fan rate so that it only spins as fast as is actually necessary to keep the lamps cool. In addition, you can choose between two projector shutdown options:

- **Mode 1:**
The fan spins faster than in Normal Mode, but runs during a shorter period. Advantage: The projector can be unplugged faster.
- **Mode 2:**
The fan spins at the same speed as Normal Mode, but runs a little longer. Advantage: There is less noise in the auditorium.

ECO Mode Darkened Lecture Room



And then there's safety: clearly structured menus, intelligent remote control operation and numerous lock functions.

Because the onscreen menu is clearly structured and is available in twelve different languages, speakers can change settings quickly and easily. The remote control with laser pointer and mouse function makes every presentation child's play. But for adults only – to prevent unauthorized use of the device, the menu buttons on the projector as well as the remote control can be blocked. Moreover, all projectors include a PIN code block and user logo PIN code.

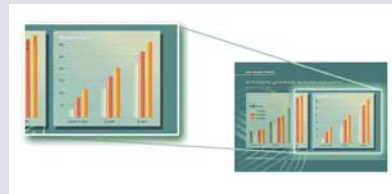
Block unauthorized use of the remote control with laser pointer and mouse function.



Professional presentations made easy.

Four practical presentation functions make it easy to captivate audiences:

- Digital Zoom for enlarging individual image sections by up to 16 times.



- Freeze function for freezing the current image on screen – e.g., for starting a new application in the background.
- No Show function for hiding the current image; a company logo or other image can be displayed instead of a black screen if desired.
- Presentation Timer for better control over whether your presentations remain within preset time limits.

Better identification – by displaying your logo.

Highly visible corporate identity: You can save any projected image in the projector so that it is displayed instead of the SANYO logo during startup.



Tomorrow's technology is already today's standard.

SANYO's ultra-portable projectors already deliver what will be state-of-the-art in the future. They are all HDTV compatible and can process 1080i, 1035i as well as 720p, and are fully equipped to reproduce HDCP encoded video signals as well.



MultiCard Imager is a multifunctional card drive which connects to the DVI interface. Depending on the card that is inserted, a wide range of additional features are possible.

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Networked team players.

Functionality á la carte – with Multi Card Imager.

This multifunctional card drive, which connects to the DVI interface, offers you a wide range of professional options:

■ Independent, CompactFlash card presentations

The storage card allows you to make your presentations without a laptop or PC. Ideal for locations where there is no room for computers or for lecturers who need maximum mobility.

■ Wireless Data Transfer with Wireless LAN Card

Transmits your data via radio from your PC to the projector with virtually no delay – over a distance of 30 to 100 meters depending on the building. Multiple speakers can have simultaneous access to a projector without the need for time-consuming cable connections.

■ Network integration with Wired LAN Card

With the LAN Card, you can add network capability to your projector in no time at all. With everything you would expect: Presentations can be transmitted wirelessly over an existing network. A central computer can send contents from various computers to multiple projectors and takes over the control and maintenance of the projector. In addition, all important control functions such as lamp use or image parameters can be accessed and configured remotely.



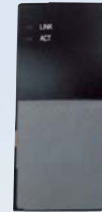
MultiCard Imager
(POA-BOX20)



CompactFlash Card
(POA-CFC20)



WLAN Card
(POA-WLC20)



LAN Card
(POA-WDC20)

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Extensive Accessories

Standard Accessories:

- Remote control with laser pointer and mouse function
- Computer cable (DVI/D-Sub15)
- USB mouse cable
- Power cord
- Soft carrying bag
- Lens cap
- Manual

Optional Accessories:

- Component/D-Sub 15 cable
- DVI cable
- SCART/D-Sub 15 cable
- Mac/VGA adapter
- Card reader (MultiCard Imager) with optional
 - CompactFlash card
 - Wireless LAN card
 - Wired LAN card for network applications



*Safe while on the go:
a soft carrying bag is included
with all models.*



Outstanding Service

In terms of warranty and repair, SANYO also sets a shining example:

Guarantee

The three-year warranty period is clear proof of the exceptionally high quality of SANYO's projectors.