



PLV-Z1X

Experience big screen cinema! With state-of-the-art technology.

When people think of Hollywood, they immediately think of award-winning films. When they think of home theater systems, their first thought is SANYO. And for good reasons too.

The new **PLV-ZX1** home cinema projector is a certain bet when it comes to awards too. After all it has exactly the right qualities for first place in any competition: excellent image quality, easy-to-use features and an outstanding price-performance ratio.

But the new **PLV-Z1X** would not be a SANYO if our engineers had not included some advanced features at the same time – like HDTV compatibility, iris and lens shift function or the 3D-AUCC system. Combined with the true 16:9 panoramic format panel, the projector delivers a truly stunning cinema experience.

Dust protection is an important issue for home cinema projectors. The PLV-Z1X is perfectly prepared for long-term, trouble-free movie enjoyment thanks to its protective cover and innovative filter system.





Benefits at a Glance

- Contrast: 1,000:1
- 1/4 HDTV panel with 960 x 540 pixels
- True 16:9 format
- Manual iris function
- Manual lens shift
- 700 ANSI lumens
- Wide-angle lens
- Intuitive, simple operation
- Clear menu setup
- Illuminated remote control
- Wide range of connection options
- Low noise operation
- 3 year warranty

PLV-Z1X Technical Specifications



Brightness	700 ANSI lumens	
Panel	3 x 0.7" TFT p-Si, (16:9 panel)	
Number of Pixels	960 x 540 pixels (1/4 HDTV panel)	
Projection Lamp	135 W UHP, Lamp Life: 2,000 h (Normal Mode), 3,000 h (Eco Mode)	
Uniformity	90 %	
Contrast Ratio	1,000 : 1	
Lens	F = 2.04 - 2.54; f = 21.5 - 27.7 mm	
Aspect Ratio	1.5 - 1.9 : 1	
Throw Distance	1.2 - 6.1 m	
Color Systems	PAL / SECAM / NTSC / NTSC4.43 / PAL-M/N	
Compatibility	S-XGA / XGA / S-VGA / VGA / MAC	
Lens Shift Function (Manual)	1/2 image width left/right, 1 image height up/down	
Digital Keystone Correction	Vertical +/- 20°	
Connections	Computer Input 1x D-Sub15	Video Inputs 3x RCA (RGB, SCART-RGB, Video, Y-Pb/Cb, Pr/Cr) 1x S-Video 1x RCA (Composite Input)
		Control Input 1x Mini-DIN 8-pin (serial)
HDTV Compatibility	480i, 480p, 575i, 576p, 720p, 1035i, 1080i	
Bandwidth / Frequency	100 MHz / horizontal 15 ~ 80 kHz, vertical 50 ~ 100 Hz	
Voltage	100 - 240 V	
Power Consumption	210 W	
Guarantee	Device: 3 years / Lamp: 90 days or 300 hours	
Dimensions (W x H x D)	359 x 97 x 274 mm	
Weight	4.1 kg	
Standard Accessories	Illuminated remote control, manual, 3 m video cable, power cord	
Optional Accessories	Mac adapter, SCART/D-Sub15 cable, replacement lamp	



www.sanyo.de

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

PLV-Z1X

Welcome to high-end cinema.

SANYO



Amazing Image Quality

Extraordinary special effects for breathtaking images.

Special effects are not just reserved for science fiction movies; they can also turn a projector into a technological wonder! Just like the **PLV-Z1X** – its incredibly realistic projections and vivid colors will make the hearts of all movie fans beat faster.

Ready for the future – HDTV and true 16:9 format

On the **PLV-Z1X**, the future is already built-in. Thanks to its 1/4 HDTV panel with a resolution of 960 x 540 pixels, you can experience the benefits of high-definition digital television today. In addition, original movie formats – from DVDs, for example – can be projected without any loss in quality thanks to the native 16:9 panoramic format.

Stunning images thanks to the 1,000:1 contrast ratio

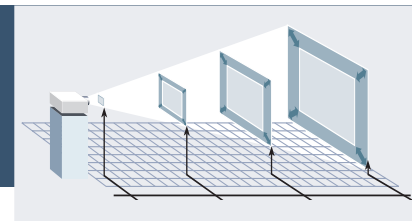
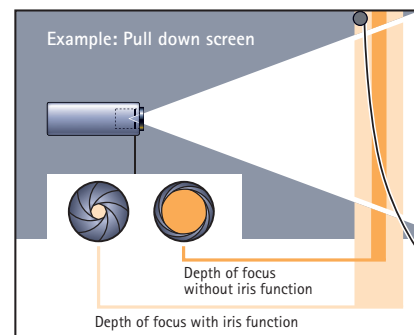
Truly exceptional for its price class: an 1,000:1 contrast ratio with a brightness of 700 ANSI lumens. Night scenes take on incredible depth and the endless expanse of space is actually a deep rich black, not dull gray. Equally impressive is the lamp performance: 90% uniformity at just 135 watts.

Perfect colors always with 3D-AUCC

The **PLV-Z1X** gives you technology which was previously only available on high-end projectors. The **3D-AUCC** (Automatic Uniformity Correction Controller) allows subtle adjustment of the image signal to ensure perfect color reproduction in sensitive areas – for example, in color transitions and skin tones.

Greater projection depth with the IRIS function

Another highlight on the **PLV-Z1X** is the Iris function. You can use it to manually increase contrast and enhance the sense of depth.



Distance in m	1.2	3.0	5.0	6.1
Possible Diagonals (m)	0.79–1.01	1.93–2.49	3.20–4.14	3.84–4.98

Throw Distance		Width x Height	Diagonal
1.2	Min.	0.67 x 0.37	0.79
	Max.	0.89 x 0.50	1.01
3.0	Min.	1.68 x 0.95	1.93
	Max.	2.17 x 1.22	2.49
5.0	Min.	2.79 x 1.57	3.20
	Max.	3.61 x 2.03	4.14
6.1	Min.	3.34 x 1.88	3.84
	Max.	4.34 x 2.44	4.98

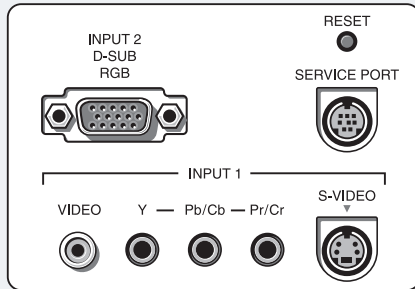
All specified values in [m] meters.

Wide-angle zoom lens – superb in small rooms too

The integrated wide-angle zoom lens produces large-format images even at short projection distances. This means that you can project an image with a width of 146 cm from a distance of just two meters.

Ease-of-Use

Ample connection options for no compromises



- **Component Input (3x RCA):** Maximum image quality with virtually loss-free video signal transfer. For high-quality video sources such as DVD players and HDTV devices.
- **S-Video Input:** Improved video input for DVD players, video recorders, camcorders, satellite tuners (pay-tv decoders too) and game consoles.

- **Computer Input:** PC connection via D-Sub15
- **Composite Input (1x RCA):** Standard video input for DVD players, video recorders, camcorders, satellite tuners (pay-tv decoders too) and game consoles.

An extremely quiet fan eliminates bothersome noise

With an operating level of just 23 dB in Eco Mode, the **PLV-Z1X** is the quietest projector in its class. Now you can concentrate fully on the great sound effects in your favorite films.

Simple operation eliminates time-consuming configuration

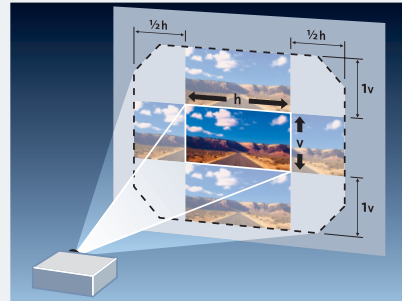
With the **PLV-ZX1**, setup is a snap. The automatic input selector recognizes the incoming signal and configures itself automatically. Thanks to the clearly structured onscreen menu, all settings can be changed quickly and easily.

The illuminated remote control means you will have everything under control in the dark too. It can be used to change all major settings such as format or source and signal selection at the press of a button.

Shift lens and keystone correction



The horizontal and vertical Lens Shift function, which is adjusted using two wheels on the front of the projector, gives you maximum flexibility when positioning the projector.

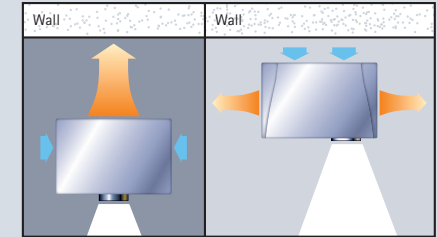


The projected image can be adjusted a half screen to the right or left as well as a full screen up or down.

The electronic keystone correction ($\pm 20^\circ$) helps deliver perfect images as well and eliminates keystone that results from vertically angled projections.

No "cheap seats" thanks to side venting

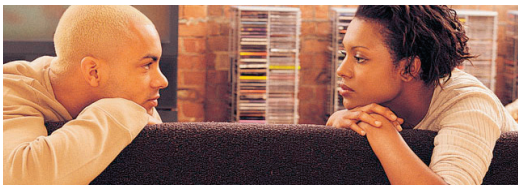
Because warm air is exhausted to the sides and not the back of the **PLV-Z1X**, you have much greater flexibility during installation.



Before:
A large separation from the wall is necessary for cooling

New:
A minimum separation from the wall is no longer required – the space gained allows greater separation and thus larger projections!

The **PLV-Z1** can also be mounted on the ceiling of course – the necessary accessories are available from your local retailer. With the corresponding menu function you can easily configure the ceiling-mounted projector for optimal display.



Extensive Accessories

Outstanding Service

Extraordinary comfort for relaxed viewing enjoyment: On the PLV-Z1X, everything is designed to create an optimal cinema environment within your own four walls.

With everything you would expect. So sit back and relax while the PLV-Z1X takes care of everything else for you.



Standard Accessories:

- Illuminated remote control
- Manual
- Video cable, 3 m
- Power cord

Give the PLV-Z1X even greater flexibility with a:

- Mac adapter
- D-Sub15 / SCART cable
- Replacement lamp

In terms of warranty, SANYO sets a shining example as well:

Guarantee

The three-year warranty period is clear proof of the outstanding product quality of SANYO's projectors. After all, only a manufacturer who is absolutely convinced of the reliability of its devices would grant a longer warranty period than is required by law.

