

ROLL THE FILM FOR THE FUTURE!

SANYO

With the new PLV-Z2, SANYO has introduced a home cinema projector that is sure to capture the hearts of all home cinema fans. The latest technology, outstanding image quality, and impressive contrast ratio all guarantee the finest movie enjoyment even within your own four walls.

The PLV-Z2 is the first projector in its price range to include an HDTV panel with 1,280 x 720 pixels. For viewers that means true 16:9 movie format with unbeatable resolution and sharpness.

Another extraordinary feature for a projector in this class is the incredible 1.200:1 contrast ratio. Detailed, rich color images await you with a quality that can truly be described as breathtaking.

Something else that's sure to please movie buffs: At just 27 decibels in ECO Mode, the projector's fan is barely audible.



PLV-Z2

TECHNICAL DATA

PLV-Z2



Brightness	700 ANSI lumens
Panel	3 x 0.7" TFT p-Si
Number of Pixels	921,000 (1,280 x 720)
Projection Lamp	130 W UHP
Uniformity	90 %
Contrast Ratio	1,200 : 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 System	PAL/SECAM/NTSC/NTSC4.43/PAL-M/N
Lens Shift Function (manual)	Vertical 10 : 0 – 0 : 10 Horizontal 1 : 2 – 2 : 1
Digital Keystone Correction	Vertical +/- 20°
Computer/Video Connectors	1x DVI-I (HDCP)
Video Connectors	4x RCA (Video, Y-Pb/Cb,Pr/Cr) - Component Video In 1x S-Video 1x RCA (Composite Input)

Control Input Jacks	1 x Mini-DIN 8-pin (Serial)
HDTV Signals	480i, 480p, 575i, 576p, 720p, 1035i, 1080i
Frequency	Horizontal: 15 ~ 80 kHz Vertical: 50 ~ 100 Hz
Bandwidth	100 MHz
Voltage	100 – 240 V
Power Consumption	210 W
Dimensions (W x H x D)	35.9 x 9.7 x 27.4 cm
Weight	4.2 kg
Standard Accessories	Illuminated infrared remote control including batteries Video cable (1x RCA) Power supply cable, 2 m Manual
Optional Accessories	Mac adapter DVI-SCART cable, 3 m DVI-Component Video cable, 3 m Component Video cable, 10 m Replacement lamp

Technical specifications subject to change without notice. Status 08/2003

www.sanyo.de



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PLV-Z2

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PLV-Z2

OSCAR WINNING PERFORMANCE



PLV-Z2

IMAGE QUALITY



HDTV PANEL

With a resolution of 1,280 x 720 pixels, the PLV-Z2 is the first projector in its price range to include support for the US HDTV standard for high definition television.

CONTRAST 1,200 : 1

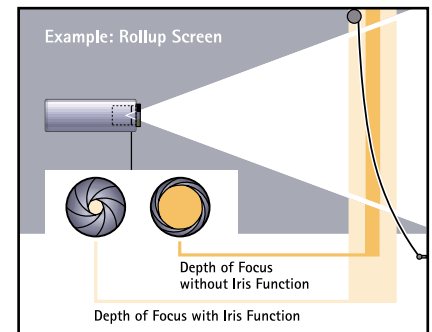
Truly exceptional in its price class: a contrast ratio of 1,200 : 1 – with a total illumination of 700 ANSI lumens. Night scenes take on the depth you would expect from a true home cinema projector. And the endless expanses of space in science fiction movies are rich, dark blacks and not drab gray.

DESIGNED FOR PROGRESSIVE SCAN

By connecting a source (DVD player, line doubler, game console) with a progressive scan signal, you can improve the image from the PLV-Z2 even further because the image is transferred as a complete image instead of using the interlace method commonly used on TV displays. The results speak for themselves: Significantly better detail rendition, steadiness and sharpness.

IRIS FUNCTION

Another highlight on the PLV-Z2 is its integrated iris diaphragm. This feature allows you to increase the contrast even further, improving the depth of focus of the projection.



3D-AUCC SYSTEM

A technology that was previously only found in high-end projectors only: The 3D-AUCC (Automatic Uniformity Correction Controller) system is used for fine tuning the image signal and optimizing color reproduction in sensitive areas, such as transitions and skin tones.

INTEGRATED DUST FILTER

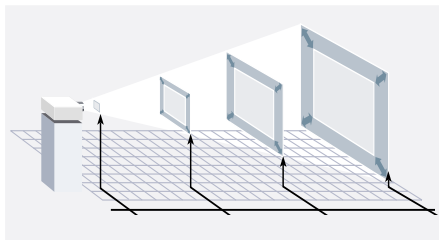
The projectors integrated membrane air filter helps ensure that dust particles are not drawn into the interior of the projector.

FLEXIBILITY

WIDE-ANGLE ZOOM LENS

With the integrated wide-angle zoom lens, you can generate impressively large projections even at short distances. For example, at a projection distance of just two meters you can achieve an image width of 146 centimeters.

PROJECTION FORMATS



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 values specified in [m] meters.

EXTENSIVE CONNECTIVITY OPTIONS

■ Component Input (4 x RCA):

Highest image quality thanks to virtually lossless video signal transfers. For high-quality video sources such as DVD players and HDTV units.

■ S-Video Input:

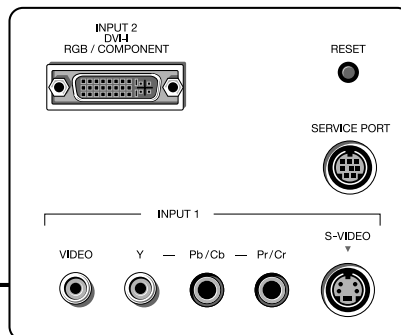
Improved video input for DVD players, video recorders, camcorders, satellite receivers (including Pay TV decoders) and game consoles.

■ FBAS Input:

Standard video input for DVD players, video recorders, camcorders, satellite receivers (including Pay TV decoders) and game consoles.

■ DVI-I Input (HDCP):

Maximum image quality thanks to lossless, digital video signal transfers. For connecting a PC via a DVI or VGA output, for video sources with a Component Video output (3x RCA) as well as devices with SCART connectors.



LENS SHIFT

A real benefit in terms of flexibility and virtually unique in this price class: the manual lens shift function. Using two small wheels, you can adjust the lens horizontally or vertically without degrading the quality or distorting the projected image (horizontal 1:2 to 2:1, vertical 10:0 to 0:10). Even when the PLV-Z2 is on the floor, you can use this feature to project complete, distortion-free images with a lower edge that is at least one meter above the ground.

VERTICAL KEYSTONE CORRECTION

When an image is projected at an angle from above or below the screen, distortions occur. With electronic keystone correction, the image can be aligned again perfectly (up to $\pm 20^\circ$).

INTELLIGENT SCALING

Smooth scaling with Digital Realized Interpolation Technology (DRIT) ensures perfect projection of different image formats and PC resolutions.

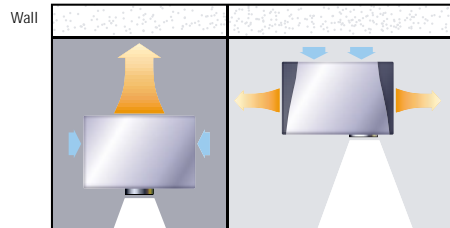
*An elegant solution:
A hinged front cover protects
the lens from dust.*



Unrivalled in its Class:
The manual Lens Shift
Function for vertical and
horizontal image adjustments.

SIDE VENTILATION

Many projectors ventilation systems blow the warm air out the back of the unit. As a result, these projectors have to be separated from the rear wall by a preset minimum distance to ensure proper ventilation. Not the PLV-Z2: The warm air from the fan exits on the side of the unit. This translates into greater flexibility when installing your projector.



Before: Greater separation from the wall is required for ventilation

Now: A minimum distance from the wall is no longer required – the distance gained allows for even larger projection sizes



USER-FRIENDLY

SIMPLE OPERATION

Setting up the PLV-Z2 is fast and easy. The automatic input selector recognizes the input signal and adjusts to it on its own. A clearly structured onscreen menu allows you to change all settings quickly and easily.

EXTREMELY QUIET

The operating noise of the PLV-Z2 is just 27 dB in ECO Mode. The only thing you'll hear is the suspense.

COMFORTABLE REMOTE CONTROL

A well designed, illuminated remote control. All important settings, like switching formats from 16:9 to 4:3, are directly accessible from the buttons on the remote.

CEILING INSTALLATION

The PLV-Z2 can also be mounted on the ceiling of course. The accessories are available from dealers.

3 YEAR WARRANTY

The manufacturers general warranty for the PLV-Z2 is 36 months.

ACCESSORIES

STANDARD ACCESSORIES

- Illuminated, infrared remote control, including batteries
- Video cable (1x RCA)
- Power supply cable, 2 m
- Manual

OPTIONAL ACCESSORIES

- Mac adapter
- DVI-SCART cable, 3 m
- DVI-Component Video cable, 3 m
- Component Video cable, 10 m
- Replacement lamp

