

SANYO

Micro Portable
Multimedia LCD Projector

PLV-Z1X

Affordable
Home Theater
Entertainment
PLV-Z1X



Wide 16:9 Screen

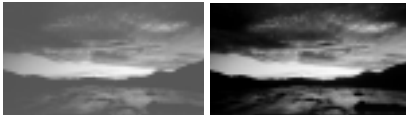
► Wide LCD Panel with High 1.55-Million Pixel Resolution

The three 0.7-inch polysilicon thin-film transistor LCD panels of the PLV-ZE1 display 964 x 544-pixel images (a total of 1,573,248 pixels) in true 16:9 format.



► High 1000:1 Contrast Ratio for Real Blacks

The PLV-Z1X's advanced optical system delivers a high 1000:1 contrast ratio for sharp images with stunningly real blacks.



► High-Color-Purity Optical System

This system divides the lamp light into the three primary colors (red, green and blue) and projects them separately onto the screen to eliminate color mixing. It projects high-quality images with faithful color reproduction from DVD and other sources.

► 3D AUCC for Natural Images

The 3D Automatic Uniformity Correction Control (AUCC) circuit ensures uniform projection, balancing uneven color and brightness gradations for more natural images.

► Black and White Extension

This function adjusts contrast in line with the input signal, improving gradation for sharper images.

► User-Controllable 10-Bit Digital Gamma Correction

The gamma correction mode has Standard, Cinema, Real (for graphics), and four user settings to select from.

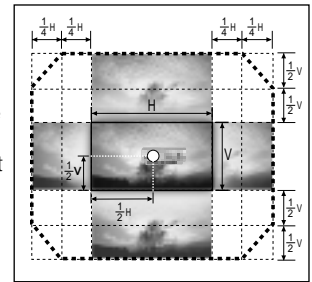
Other Features

- 5-step color temperature selection
- Two brightness modes (Bright/Theater Black)

Easy Setup

► Vertical/Horizontal Lens Shift

Lens shift lets you precisely adjust the projection screen position (full-screen shift up and down, 1/2-screen shift left and right). The projected image stays undistorted and there is no quality degradation.



► Digital Keystone Correction

Vertical keystone correction with a correction range of +/- 20 degrees compensates for trapezoidal image distortion.

► Illuminated Multifunction Remote Control

The remote control function keys light up for easy use in dark rooms.

► 1.3x Manual Zoom/Focus

The 1.3x zoom/focus optimizes viewing conditions.

► Unobtrusive Design, Easy Storage

The sleek, minimalist design suits any room decor, and a drop-down panel protects the lens when not in use.

Features for More Enjoyment

► Large 100-inch Images from a Short Distance

The short-throw zoom lens projects images onto a 100-inch screen from as close as about ten feet.

► Low Noise: 23 dB

A new compact, low-noise fan keeps noise down to a quiet 23 dBA.

► Versatile Connections

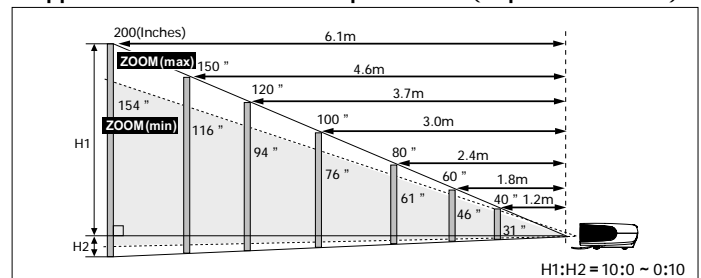
The PLV-Z1X has component, S-Video, composite, and Serviceport (RS-232C) terminals.

Specifications

Model number	PLV-Z1X
LCD panel system	Three 0.7 (1.78cm) TFT active matrix type panels
Optical system	Dichroic mirror separation/prism
Panel size	Three 0.7-inch panels, 16:9 aspect ratio
Panel type	Polysilicon TFT active matrix
Panel resolution	964 x 544 dots
Number of pixels	1,573,248 (524,416 x 3)
Pixel arrangement	Stripes
Projection lens	F2.04 to F2.54, f = 21.5 to 27.7mm, 1x to 1.3x manual zoom and focus
Projection lamp	135W UHP lamp
Screen size	Adjustable from 31 to 200 inches
Throw distance	From 1.2m to 6.1m
Picture brightness	700 lm
Uniformity	85%
Contrast ratio	1000:1
Fan noise	23dBA(at THEATER Black mode)
Scanning frequency	H sync: 15-80kHz, V sync 50-100Hz
Dot clock	100MHz or less
Color systems	PAL, SECAM, NTSC, NTSC 4.43, PAL-M, PAL-N
Computer inputs	Analog RGB (mini D-sub 15-pin)
Video inputs	• Component video (Y-Pb/Cb-Pr/Cr) • S-Video • Composite video
Operating environment	5 to 35°C
Rated power supply	100-240V AC, 50/60Hz auto voltage selection
Power consumption	210W(with Bright mode) 180W(with THEATER Black mode)
Dimensions (W x H x D)	359 x 116.7 x 273.5mm
Net weight	4.1kg
Standard accessories	• AC power cord (2m) • Wireless Remote control unit • Video cable (3m)

*Specifications subject to change without notice.

Approximate throw distance/picture size (aspect ratio 16:9)



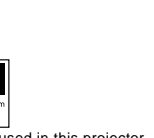
aspect ratio 16:9

Screen size (inches)	25	40	60	70	80	90	100	110	120	150	164
Zoom(max)	—	1.5m	2.2m	2.6m	3.0m	3.3m	3.7m	4.1m	4.6m	5.6m	6.1m
Zoom(min)	1.2m	1.9m	2.9m	3.4m	3.9m	4.3m	4.8m	5.3m	5.8m	6.1m	—

aspect ratio 4:3

Screen size (inches)	25	40	60	70	80	90	100	110	120	150	164
Zoom(max)	—	1.5m	2.2m	2.6m	3.0m	3.3m	3.7m	4.1m	4.6m	5.6m	6.1m
Zoom(min)	1.2m	1.9m	2.9m	3.4m	3.9m	4.3m	4.8m	5.3m	5.8m	6.1m	—

Approximate throw distances shown above were calculated on lens design specifications. Please note that up to 5% deviation may result due to lens variations.



Caution: Please consult the instruction manual to ensure safe and proper operation of the product.