

# PLV-Z5 **TopazReal**

## 16:9 High Contrast Home Entertainment Projector



### NEW TWIN IRIS YIELDS 10000:1 CONTRAST RATIO

The PLV-Z5 boasts the industry's first twin-iris system. Integrating a lens aperture and lamp aperture, this new system delivers true-to-life images with outstanding gradation in a variety of viewing environments. Also, SANYO's newly developed TopazReal Technology catalyzes a greater synergy between the brightness level of various lamps and a newly designed LCD panel, achieving a contrast level as high as 10000:1. The PLV-Z5 delivers crisp, bright, and high-contrast images, even in well-lit environments

### EXTENSIVE INPUT CONNECTIONS 2 X HDMI

A full complement of input terminals, which include a digital HDMI interface and two sets of component video inputs, together with composite video and S-video connections, provide extensive flexibility. The user can even connect their PC to the projector via the D-sub 15 input.

### 12-BIT DIGITAL IMAGE PROCESSING

Using the 12-Bit Digital Processing IC, the PLV-Z5 achieves a high image quality with video decoder, scaler and gamma curve generator. The result is the reproduction of deeper, richer images. And thanks to greatly improved calculating precision, the PLV-Z5 renders even tiny nuances in expressive details.

### INNOVATIVE 3D COLOR MANAGEMENT

You can adjust and save the hue, gamma curve, and level of any color. Fine-tuning the image settings enables compensation for specific conditions in every viewing environment.

### SAVVY INSTALLATION WITH 2X ZOOM & LENS SHIFT

With its 2X optical zoom, the PLV-Z5 can project images onto a 100-inch screen from a mere distance of 9.8ft to 20ft. A pair of side panel controls adjust the lens vertically and horizontally to project a geometrically accurate and undistorted picture.

### NEAR-SILENT FAN DESIGN – ONLY 22dBA

The redesigned internal cooling structure minimizes fan noise, achieving super quiet performance.

### MOTOR-OPERATED SLIDING SHUTTER

The shutter can be opened or closed automatically by remote control, protecting the lens from dust.

### ADVANCED IMAGE MODE

The Advanced Mode provides a range of adjustments to take care of your every video whim. Adjustments include RGB gain, RGB gamma, RGB offset adjustment, lens iris adjustment, outline compensation, black level expansion, and contrast enhancement.



PRESENTATION TECHNOLOGIES

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## Specifications

Resolution	1280 x 720
Brightness (typical)	1,100 ANSI Lumens
Uniformity	85% (corner to corner)
LCD Panel System	0.7" TFT Poly-Silicon x 3 (16:9)
Number of Pixels	2,764,800 (921,600 x 3)
Contrast Ratio	10000:1 (vivid mode)
Projection Image (diag.)	40" ~ 300"
Aspect Ratio	16:9
Throw Distance	3.9' ~ 30.2'
Zoom/Focus	1x to 2.0x, Manual driven
Lens Shift	Manual (Up/ Down/Left/Right)
Up/Down/Left/Right Ratio	Up/Down: 3: -1 ~ -1:3 (-1V/Center/+1V) Left/Right: 10:0 ~ 0:10 (-0.5H/Center/+0.5H)
Digital Keystone Correction	Vertical : +/- 20°
Optical System	Dichroic mirror & 4P prism system w/ PBS
Projection Lens	F2.0 ~ 3.0 / f0.84" ~ 1.68"
Lens Throw Ratio	1.35 ~ 2.7:1
Projection Lamp	145W UHP
Scanning Frequency	H: 15~80kHz, V: 50~100Hz (auto sense/select)
Dot Clock	100MHz
Color System	PAL/SECAM/NTSC/NTSC4.43/PAL-M/PAL-N
Computer Compatibility	WXGA/SXGA/XGA/SVGA/VGA/MAC
Voltage	100V-240V AC; 50/60Hz (auto voltage)
BTU Rating	717
dB Rating	22dBA (Eco mode, w/o Ceiling mount)
Power Consumption	210W
Dimensions (WxHxD)	15.0" x 5.0" x 12.0" (not including Adjustable Feet)
Net Weight	11.0 lbs.
User Maintenance	Clean air filters, replace lamp assembly
Input Terminals	
Component Video 1	Y, Pb/Cb, Pr/Cr (RCA x 3)
Component Video 2	Y, Pb/Cb, Pr/Cr (RCA x 3)
S-Video	S-Video (Mini DIN 4-pin x 1)
Composite Video	Video (RCA x 1)
Computer	Analog RGB (D-Sub 15 )
HDMI 19-Pin DVI	HDMI (19-pin) x 2
Communication	RS-232C/ Service Port (Mini DIN 8-pin)
Included Accessories	Owner's Manual(Quick manual & CD ROM); Illuminated Infrared Remote Control; AC Power Cord (6.6'); 2 AA batteries Air blower
Optional Accessories	6103235998 – Replacement Lamp
FCC Rating	Class B, UL Listed
Warranty	3-years parts & labor; 90-days lamp (original); 30-days lamp (replacement) Quick Repair Program under warranty

Because its products are subject to continuous improvement, SANYO reserves the right to modify product design and specifications without notice and without incurring any obligations.



Illuminated Remote Control



Rear Panel Terminals



Motorized Front Door