

PLV-Z4 TopazReal

Widescreen (16:9)
Multimedia Projector



NEW TWIN IRIS YIELDS 7000:1 CONTRAST RATIO

The PLV-Z4 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, the synergetic effect of a mechanism that varies lamp brightness with a newly designed LCD panel achieves contrast as high as 7000:1. You enjoy crisp, bright, high-contrast images no matter what the room lighting.

12-BIT DIGITAL IMAGE PROCESSING

In the PLV-Z4, the ICs that determine image quality - such as the video decoder, scaler and gamma curve generator - all use 12-bit digital processing. The result is reproduction of deeper, richer images. And thanks to greatly improved calculating precision, the PLV-Z4 renders even tiny nuances in expressive detail.

INNOVATIVE NEW 3D COLOR MANAGEMENT

You can adjust and save the level, hue and gamma curve of any color. Fine-tuning the image settings this way lets you compensate for the specific conditions in each viewing environment.

FLEXIBILITY BY 2x ZOOM LENS & LENS SHIFT

With its 2x optical zoom, the PLV-Z4 projects images onto a 100" screen from a throw distance of 9.8ft to 20.0ft. A pair of side panel controls adjust the lens vertically and horizontally to project a geometrically accurate and undistorted picture.

EXTENSIVE INPUT CONNECTIONS

A full complement of input terminals, including a digital HDMI interface, two sets of component video inputs as well as composite video and S-video connections provide extensive flexibility. You can even connect your PC via the D-sub 15 input.

NEW NEAR-SILENT DESIGN – ONLY 22dBA

In the PLV-Z4, the internal structure and the maximized cooling efficiency were redesigned to achieve super-quiet performance.

MOTOR-OPERATED SLIDE SHUTTER

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

ADVANCED MODE

The Advanced Mode provides a range of adjustments to match your viewing requests. Adjustments include RGB gain, RGB gamma, RGB offset adjustment, lens iris adjustment, outline compensation, black level expansion, and contrast enhancement.

SANYO

PRESENTATION TECHNOLOGIES

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Specifications

| | |
|-----------------------------|---|
| Resolution | 1280 x 720 |
| Brightness (typical) | 1,000 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 | 7000:1 (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 | 1.5 ~ 3.0:1 |
| 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) |
| 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) |
| Communication | RS-232C/ Service Port (Mini DIN 8-pin) |
| Included Accessories | Owner's Manual; Illuminated Infrared Remote Control; AC Power Cord (6.6'); Composite Video Cable (9.8'); 2 AA batteries |
| 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 Closed