

PLV-Z4000

TopazReal HD

HOME ENTERTAINMENT PROJECTOR



3LCD

ECO-FRIENDLY POWER CONSUMPTION

Sanyo innovate not only new technology but also eco friendly projectors. By redesigning electrical circuit, Sanyo achieves significantly eco-friendly projector. PLV-Z4000 minimize power consumption in standby mode, Once you set-up eco-standby mode, this projector requires just 0.3W power consumption.

FULL HIGH-DEFINITION RESOLUTION – 1080p

The PLV-Z4000 unleashes the full 1920 x 1080 high-definition potential from today's advanced full HD sources. This means rich, deep and accurate colors from SANYO's exclusive TopazReal HD. TopazReal HD brings together a team of technologies including a variable iris and lamp reactivity, a 14-bit digital signal processing, real-focus HD lens system, and, most importantly, a 3D color management system that addresses changes in color phase and color level to obtain perfect color reproduction. PLV-Z4000 uses 120Hz super-fast Full HD panel, which can increase smoothness in videos due to doubled frame rate from 60 frames/second to 120 frames/second using interpolation frame generation technology. The optimization of deep color from the color management system is supported via the projector's two HDMI 1.3 inputs.

LENS MAXIMIZATION OF IMAGE DETAIL

Rated at 1200 lumens, the PLV-Z4000 is capable of an incredible 65,000 : 1 contrast ratio for superlative black levels, even in ambient light. Plus it has a newly-developed, high-efficiency lens that maximizes image details for exceptional optical performance.

ADVANCED LENS SHIFT FOR VARIOUS ROOM ENVIRONMENTS

The PLV-Z4000 is outfitted with the industry's most advanced lens shifting function. When coupled with the projector's short throw capability and 2x zoom, the PLV-Z4000 can create a large screen image in any size room and from virtually any location. The lens shifting function allows wide-range shifting up or down to three screen sizes and left to right to two screen sizes. The throw design of the PLV-Z4000, which is capable of projecting a 100-inch diagonal image from 10 to 20 feet away, makes it extremely suitable for small to mid-size home theaters.

VIRTUALLY SILENT FAN DESIGN

To promote greater enjoyment of the film and to reduce noise levels during quiet passages of a film, the PLV-Z4000 is equipped with very quiet fan, a large aperture, low noise Sirocco cooling fan that never rises above 19dB in the economy mode.

PRESENTATION TECHNOLOGIES

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Resolution	1080p HD(1920 x 1080)	
Brightness (typical)	1200 lumens	
Contrast Ratio	65000:1	
Image Size	40"-300"	
Aspect Ratio	16:9	
Projection Lamp	165W	
Scanning Frequency	H:15-80kHz, V:50-100Hz	
Fan Noise	19 dBA (Eco)	
Voltage	100V-240V AC; 50/60Hz (auto voltage)	
Power Consumption	257W(Normal), 201W(Eco)	
Input signal compatibility	SXGA+/SXGA/WXGA/XGA/SVGA/VGA/MAC/480i/480p /575i/575p/720p/1080i/1080p(HDMI/Component) 1080/24(HDMI)	
Color System	NTSC / PAL / SECAM / NTSC4.43 / PAL-M/N	
Projection Lens (inch)	F2.0 ~ 3.0 / f0.9" ~ 1.8"	
Throw Ratio	1.35 ~ 2.76:1	
Throw Distance (feet)	3.9' ~ 60.4'	
Zoom / Focus	Manual	
Up / Down Ratio	Up/Down: 3: -1 ~ -1:3 (-1V/Center/+1V) Left/Right: 10:0 ~ 0:10 (-0.5H/Center/+0.5H)	
Digital Keystone Correction	No	
Zoom Ratio	1:2.0	
Speaker Output	No	
Weight (lbs)	16.5 lbs	
Dimensions (inch) W,H,D	15.7" x 5.7" x 13.6"	
Replacement Lamp	# 610 344 5120	
Replacement Remote	# 645 092 8710	
Lamp Life * (hours)	3000h (Eco)	
Input	PC/Video	D-sub 15 x1 (RGB) Mini DIN 4pin x1 (S-Video) RCA x1 (Composite Video) RCA x3 (Component 1) RCA x3 (Component 2) HDMI x2 (Ver.1.3b)
	Audio	N/A
Output	PC/Video	N/A
	Audio	N/A
Other Feature	Mini 8-pin x1 (RS232C)	
Included Accessories	Power cord VGA cable Air blower Remote control	Quick Reference guide Owner's Manual(CD-Rom) AA battery x 2
Optional Accessories	POA-MCSRL	(Serial Control Cable)
Warranty	Three years parts and labor; 90 days original lamp; 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.

* Lamp life may vary due to room conditions, usage, and maintenance. The replacement time is a general estimate. The brightness of a lamp usually decreases over time and use.

