

PLV-Z3000 **TopazReal HD**

1080P 16:9 Full HD, High Contrast Home Entertainment Projector



FULL HIGH-DEFINITION RESOLUTION – 1080p

The PLV-Z3000 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 color management system that addresses changes in color phase and color level to obtain perfect color reproduction. PLV-Z3000 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-Z3000 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-Z3000 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-3000 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-Z3000, 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

A 1200 lumen projector generates a tremendous amount of heat and requires a high quality fan to ensure proper operation. At this level of brightness, the fan is 'on' most of the time and the noise can be extremely loud and disruptive, especially in smaller home theaters where the projector and the audience are in the same vicinity. To promote greater enjoyment of the film and to reduce noise levels during quiet passages of a film, the PLV-Z3000 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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Specifications

Resolution	1920 x 1080
Brightness (typical)	1,200 ANSI Lumens
Uniformity	85% (corner to center)
LCD Panel System	0.74" TFT Poly-Silicon x 3 (16:9)
Number of Pixels	6,220,800(2,073,600 x 3)
Contrast Ratio	65,000:1
Projection Image (diag.)	40" ~ 300"
Aspect Ratio	16:9
Throw Distance	3.9' ~ 60.4'
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	No
Projection System	Dichroic mirror & 4P prism system w/ PBS
Projection Lens	F2.0 ~ 3.0 / f0.9" ~ 1.8"
Lens Throw Ratio	1.35 ~ 2.7:1
Projection Lamp	165W UHP
Scanning Frequency	H: 15-80kHz, V: 50-100Hz (auto sense/select)
Dot Clock	100MHz (Analog RGB / Component)
HDTV signal	480i/480p/575i/575p/720p/1080i/ 1080p (HDMI/Component)
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	877
dB Rating	19dBA (Eco mode)
Power Consumption	257W
Dimensions (WxHxD)	15.7" x 5.7" x 13.6" (not including protrusion)
Net Weight	16lbs
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 Ver.1.3b) 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	● 610 344 5120 – Replacement Lamp ● 645 092 8710 – Replacement Remote ● POA-MCSRL – Serial Control Cable
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