# PLV-1080HD TopazReal HD

## 16:9 Full HD, High Contrast Home Entertainment Projector



### FULL HIGH-DEFINITION RESOLUTION – 1080p

Not only is it full HD (1920 x 1080), the PLV-1080HD achieves deep, rich, and very importantly, accurate color. This is automatically accomplished thanks to SANYO's exclusive TopazReal HD Technology, a 3D color management system that addresses color phase and color level to obtain perfect color reproduction. The PLV-1080HD's color management system can generate a total of approximately 216 billion possible color combinations. This new color management system was designed to optimize the potential of deep color from either of the projector's two HDMI inputs.

### LENS MAXIMIZATION OF IMAGE DETAIL

Rated at 1200 lumens, the PLV-1080HD is capable of an incredible 10,000:1 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-1080HD 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-1080HD 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-1080HD, 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-1080HD is equipped with the industry's quietest fan, a large aperture, low noise Sirocco cooling fan that never rises above 21dB in the economy mode.

3LCD

## PRESENTATION TECHNOLOGIES

SANYO

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## Specifications

| | |
|---|---|
| Resolution | 1920 x 1080 |
| Brightness (typical) | 1,200 ANSI Lumens |
| Uniformity | 85% (corner to center) |
| LCD Panel System | 0.7" TFT Poly-Silicon x 3 (16:9) |
| Number of Pixels | 6,220,800 (2,073,600 x 3) |
| Contrast Ratio | 10000:1 |
| 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 | 839 / 638 (eco mode) |
| dB Rating | 21dBA (eco mode) |
| Power Consumption | 246W / 187W (eco mode) |
| Dimensions (WxHxD) | 15.7" x 5.7" x 13.6" (not including protrusion) |
| Net Weight | 16.5 lb |
| 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 | ● 610 336 5404 – Replacement Lamp ● 645 092 8710 – Replacement Remote ● POA-MCSRL – Serial Control Cable |
| FCC Rating | Class B, UL Listed |
| Warranty | 2-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**