

# PLV-HD10

True High Definition Resolution 16:9  
Multimedia LCD Projector



### TRUE HD RESOLUTION PROJECTOR

The PLV-HD10 utilizes three true high definition resolution (1920x1080) LCD panels to reproduce high definition sources as they were meant to be seen.

### OUTSTANDING CONTRAST RATIO – 1000:1

Through its new high-contrast optical system, utilizing micro lens technology, the PLV-HD10 is able to achieve an outstanding contrast ratio of 1000:1. A micro lens is integrated into each individual pixel on the three LCD panels increasing light efficiency, resulting in significantly brighter images.

### 5500 ANSI LUMENS

Utilizing four high-output 250 watt UHP lamps as its light source, the PLV-HD10 delivers an incredible 5500 ANSI lumens of brightness.

### SUPERIOR COLOR REPRODUCTION

The PLV-HD10 provides superior color purity with SANYO's 6500° K color temperature optical system and superb HDTV image performance through a newly developed 12-bit Progressive Scan integrated circuit. As a result of 30-bit color processing (10bit each for R/G/B), 2-3 pulldown and 1080i to progressive conversion, the reproduction of moving images is highly improved.

### CUSTOMIZABLE START-UP LOGO

The PLV-HD10 can capture logo files to display during the projector's countdown sequence at startup.

### EFFICIENT LAMP MANAGEMENT SYSTEM

Monitors the status of each lamp and can display status and cumulative hours of use on-screen. When full brightness is not required, two of the lamps may be switched off. Also, if a lamp expires while either four or two lamps are in use, the fail-safe operation feature switches to the matched pair of good lamps.



PRESENTATION TECHNOLOGIES

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## Specifications

Resolution	True High Definition (1920 x 1080)
Brightness	5500 ANSI Lumens (4-lamp mode) 2750 ANSI Lumens (2-lamp mode)
Uniformity	90% (corner to corner)
LCD Panel System	1.65" TFT polysilicon type w/micro lens x 3
Number of Pixels	6,220,800 (2,073,600 x 3)
Contrast Ratio	1,000:1 (Full on/off)
Projection Lens	Lens Sold Separately
Image Size	Dependent on Lens
Aspect Ratio	16:9
Throw Distance	Dependent on Lens
Zoom/Focus	Dependent on Lens
Throw Ratio	Dependent on Lens
Zoom Ratio	Dependent on Lens
Power Lens Shift	Up/Down Ratio 7:-1 - -1:7 or 8:1 - 1:8 or 1:1 Left/Right Ratio 3:2 - 2:3
Digital Keystone Correction	No
Projection Lamp	250W UHP x 4
Scanning Frequency	H Sync: 15-120kHz, V Sync: 50-120Hz
Dot Clock	230MHz
Color System	PAL/PAL-M/PAL-N/SECAM/NTSC/NTSC4.43
Computer Compatibility	True HD, UXGA, SXGA, XGA, SVGA, VGA, MAC
Voltage	120-240V AC 50/60 Hz (auto sense/select)
BTU Rating	5118
dB Rating	46.0
Power Consumption	1500W
Dimensions (WxHxD)	22.9"x9.9"x30.8"
Net Weight	84.0 lbs.
User Maintenance	Clean air filters, replace lamp assembly
Detachable Input Panels	
Input 1 (POA-MD17SDID)	Dual SDI Input (HD/SD SDI) / SDI Output
Input 2 (POA-MD16VD1)	RGBHV & Component (BNC x 5) • Left and Right Audio (RCA x 2) • Control (Min DIN 8-pin)
Input 3 (POA-MD18DVI)	Digital Visual Interface (DVI-I w/HDCP) • Left & Right Audio (RCA x 2) • Control (Min DIN 8-pin)
Input 4	Open
Fixed Input/Output Panel	Serial in & Serial out (D-Sub 9 x 2) • Audio out (RCA x 2) • USB (type B) • Wired RC jack (Stereo mini)
Included Accessories	Wired/Wireless I/R Remote Control with Mouse Pad and Laser Pointer • AC power cord • Wired remote cable • PS/2, Serial, MAC Control cables • Real Color Manager CD-ROM • Lens Mount Adapters (POA-LNA02 & POA-LNA01) • 2 "AA" batteries • Light Block Sheets • Dust cover • Owner's manual
Optional Accessories	POA-MD08HD - HD-SDI Input Board POA-MD13NET2 - Network Board POA-MD09VD3 - Faroudja™ Input Board POA-MD04VGA - D-Sub15 Input Board POA-MD03VD2A - Video Y/C & S-Video Input Board POA-LNA02 - Lens Mount Adapter(W02/W02KS/M01/S01) POA-LNA01 - Lens Mount Adapter (for all other lenses) PLC-CSE14 - Hard Shipping Case
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.

## Lens Specifications

Type	Short Fixed	Short Zoom	On-Axis Short Fixed	[New] Short Zoom	Standard Zoom 1	Standard Zoom 2	Standard Zoom 3	Semi-Long Zoom	Long Fixed	Long Zoom	[New] Long Zoom
Part No.	LNS-W01Z	LNS-W02Z	LNS-W03	LNS-W04	LNS-S01	LNS-S02Z	LNS-S03	LNS-M01Z	LNS-T01Z	LNS-T02	LNS-T03
Zoom	No	Yes (power)	No	Yes (power)	Yes (power)	Yes (power)	Yes (power)	Yes (power)	NO	Yes (power)	Yes (power)
Throw Ratio	1.2:1	1.35 - 1.8:1	0.8:1	1.5 - 2.0:1	1.8 - 2.9:1	2.0 - 2.6:1	2.6 - 3.5:1	3.5 - 4.5:1	7.0:1	4.6 - 6.0:1	6.2 - 9.0:1
F Stop	2.5	2.5 - 2.9	2.6	1.7 - 2.3	2.6 - 3.5	2.0 - 2.3	1.7 - 2.6	2.0 - 2.6	2.0	2.0 - 2.9	2.2 - 2.5
Lens Shift	8:1 - 1:8	8:1 - 1:8	1:1	8:1 - 1:8	7:-1 - -1:7	7:-1 - -1:7	8:1 - 1:8	8:1 - 1:8	8:1 - 1:8	8:1 - 1:8	8:1 - 1:8
Weight	12.8 lbs.	5.5 lbs.	6.6 lbs	6.2 lbs.	3.7 lbs.	4.2 lbs.	8.2 lbs.	4.2 lbs.	8.4 lbs.	6.8 lbs.	16.1 lbs.



[www.ppav.co.uk](http://www.ppav.co.uk)  
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