PLV-HD150

24P/60P True High Definition Resolution
16:9 Multimedia LCD Projector

Lens sold separately

TRUE HD RESOLUTION WITH 24P/60P CAPABILITY
The PLV-HD150 utilizes three true high definition resolution (1920x1080) LCD panels that reproduce high definition picture quality from various sources. The PLV-HD150 has 24P capability for film playback, as well as 60P capability for computer graphics (60P capability only through DVI input).

OUTSTANDING CONTRAST RATIO – 1000:1
Through its new High-Contrast Optical system that utilizes micro lens technology, the PLV-HD150 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 that in turn increase light efficiency, resulting in significantly brighter images.

7000 ANSI LUMENS
Utilizing four high-output 300-Watt UHP lamps as its light source, the PLV-HD150 delivers an incredible 7000 ANSI lumens of brightness.

SUPERIOR COLOR REPRODUCTION
The PLV-HD150 provides superior color purity with SANYO's 6500º K color temperature optical system. Superb HDTV image performance is achieved 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 remarkably improved.

CUSTOMIZABLE START-UP LOGO
The PLV-HD150 captures logo files and displays the preset logo on screen during the projector's short period of warm up session before startup.

EFFICIENT LAMP MANAGEMENT SYSTEM
This system monitors and displays the status of each lamp and cumulated usage hours on screen. When full brightness is not required, two of those lamps can be switched off as desired. Also, if a lamp expires while either four or two lamps are in use, the Fail-Safe Operation feature automatically switches to the matched pair of good lamps.

SANYO
PRESENTATION TECHNOLOGIES

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Specifications

Resolution	True High Definition (1920 x 1080)
Brightness	7000 ANSI Lumens (4-lamp mode)
	3500 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	300W 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	**240V** AC(8A Max Ampere), 50/60 Hz (auto sense/select)
BTU Rating	5459
dB Rating	51.0
Power Consumption	1600W
Dimensions (WxHxD)	22.9″x9.9″x30.8″
Net Weight	81.6 lbs. (w/o Up-Converted Transformer)
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 • AC power cord • Wired remote cable • DVI cable and DVI-VGA cable • Real Color Manager CD-ROM • Lens Mount Adapters (POA-LNA02 & POA-LNA01) • 2 "AA" batteries • Light Block Sheets • Dust cover • Owner's manual • **Up-Converted Transformer(120V->240V)**
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 (LNS-W02/M01/S01) **POA-LNA01** - Lens Mount Adapter (for all other lenses) **6103235394** - Replacement Lamp
Warranty	Three years parts and labor; 90 days original lamp; Quick Repair Program under warranty

Included Accessories:

To the AC Outlet (240 V AC)
From projector (240V AC)

From Up-Converted Transformer (120V AC)

Lens Specifications

Type	Short Fixed	Short Zoom	On-Axis Short Fixed	Short Zoom	Short Zoom	Standard Zoom 1	Standard Zoom 2	Semi-Long Zoom	Long Fixed	Long Zoom	Long Zoom
Part No.	LNS-W01	LNS-W02	LNS-W03	LNS-W04	LNS-W06	LNS-S02	LNS-S03	LNS-M01	LNS-T01	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	1.1 – 1.5:1	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 Value	2.5	2.5 – 2.9	2.6	1.7 – 2.3	2.3 – 2.8	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	8:1 – 1:8	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.	6.6 lbs.	4.2 lbs.	8.2 lbs.	4.2 lbs.	8.4 lbs.	6.8 lbs.	16.1 lbs.