

SANYO

Multimedia LCD Projector

PLV-HD2000N/ E

Real 2K Full HD Projection



Native 2,048 x 1,080 Panels*

The PLV-HD2000N/E employs three high-precision LCD panels of native 2,048 x 1,080 resolution. They project the high-resolution images of the 2K x 1K digital cinema format in full resolution.



* An industry first for transmissive LCD projectors, as of May 12, 2006. (According to a Sanyo survey.)

Newly Developed 12-Bit Signal Processing Circuit

Sanyo has developed a 12-bit signal processing circuit, providing full 2-3 pulldown compatibility, motion adaptive line interpolation and progressive scanning of 1080i HDTV signals. It helps assure impressive image quality from virtually any source, including HDTV content.



Bright 7,000 Lumens

The PLV-HD2000N/E uses four high-intensity 300-watt UHP lamps to achieve 7,000 lumens of brightness. If a lamp should burn out, a fail-safe design automatically switches the lamp mode without interrupting the projection.

Multi-Versatile Interface Platform (MVIP) System

The PLV-HD2000N/E has four slots for accommodating interface boards, which allows the user to interchange any of the supplied boards with any desired optional board. RS-232C input and cross-through output terminals are also provided for easy and flexible system configuration.

HDTV 1080-24p/25p Compatible

In addition to HDTV 1080i, the PLV-HD2000N/E accommodates 1080-24p and 1080-25p signals as well.

Rich 36-Bit Color

The 36-bit color display reproduces 68,719 million colors to achieve color expression with superb depth and subtleness.

High Color Purity Optical System

This advanced system improves the color purity of the three primary colors (red, blue, and green) to deliver an overall color performance that's ideal for digital cinema.

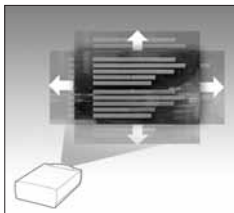
Abundant Optional Lenses

A wide variety of optional lenses, from short to long-throw, are provided to match various applications. The bayonet-mount system makes replacement easy.



Motor-Driven Lens Shift

This function allows the user to position the image easily (up/down and left/right) even after the projector is installed. It is especially useful when aligning images from two stacked units.



Other Features

- Dual link SDI compatible



- On Start: Allows quick projection simply by switching the system on
- Power management function automatically turns the power off when no signals enter
- Retractable carrying bar
- Adjustable leg system with a pop-up handle and shuttle dials
- Many presentation support functions, including freeze and No Show
- Rear and suspended projection capability
- Wireless/wired mouse remote control

Specifications

Model number	PLV-HD2000N/E
LCD panels	1.64-inch TFT p-Si x 3
Aspect ratio	17:9
Number of pixels	2,211,840 (2,048 x 1,080) x 3, Total: 6,635,520 pixels
Lens	Option
Lamp	300 W UHP lamp x 4
Screen size*1	40 -600
Color reproduction	Full color (68,719 million colors)*2
Brightness*3*4	7,000 lm
Uniformity*3	90%
Contrast*3	1,000:1 (full on/full off)*5
Resolution	
RGB	2,048 x 1,080 dots
Terminals	
Input 1	Video: BNC x 4 (Dual Link SDI compatible*6: In x 2, Out x 2)
Input 2	Video: BNC x 5 (RGBHV, Y-Pb/Cb-Pr/Cr)
Input 3	Video: Video DVI-I x 1 (HDCP compatible*7)
Input 4	MVIP slot
Control ports	Serial In x 1, Serial Out x 1, Service (USB type B) x 1, Wired remote x 1
Color systems	PAL/ SECAM/ NTSC/ NTSC 4.43/ PAL-M/PAL-N
Scanning frequency	H sync: 15-120 kHz, V sync: 24-120 Hz, Dot clock: 230 MHz
Power source	HD2000N:120V AC 50/60Hz*8
Power consumption	HD2000E:200-240V AC 50/60Hz 1,700 W (20 W in standby mode)
Dimensions (W x H x D)	581 x 252 x 783 mm*9
Weight	37.2 kg

*1 Screen size varies according to a mounted lens

*2 With a 12-bit signal input to the Dual-Link SDI

*3 Average values at shipment are shown, in accordance with the JIS X 6911:2003 specification format for data projectors. Measurement methods and conditions are based on Appendix 2 of the standard.

*4 With the LNS-S03, in 4-lamp mode

*5 With auto lamp control on

*6 Dual Link SDI input accepts RGB and Y/Cb/Cr formats.

*7 Projector may not display video from DVI input if the HDCP standard is changed.

*8 Plug: NEMA 5-20P, 20A, 125VAC.

*9 Protrudings not included.

Options

- **DVI board** POA-MD18DVI
- **5BNC board** POA-MD16VD1
- **Video/Y/C board** POA-MD03VD2A
- **PJ-Net Organizer board** POA-MD13NET2
- **DVI to Mini D-Sub 15 cable** POA-CA-DVIVGA
- **Remote control cable** POA-CA-RC30
- **Optional Lenses** LNS-W01Z/ LNS-W02Z/ LNS-W03/ LNS-W04/ LNS-W06/ LNS-S02Z/ LNS-S03/ LNS-M01Z/ LNS-T01/ LNS-T02/ LNS-T03



Pixelworks ICs are used in this projector

Caution: Please consult the instruction manual to ensure safe and proper operation of the product.

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