

SANYO

Multimedia LCD Projector

PLV-80

A Projector that Feels Right at Home



A Wider Home Theater Experience

16:9 Wide-Screen Aspect Ratio LCD Panels

Each of the three LCD panels in the PLV-80 has 1,366 x 768 dots, giving a total of 3.15 million pixels to ensure high-resolution real XGA image quality on a wide screen. The PLV-80 brings you closer to a genuine movie theater experience in your own home.



Progressive Scan IC

A newly developed progressive scan IC improves image quality, and a SANYO original cross-color separation circuit helps achieve superior diagonal resolution. Also offering 2-3/ 2-2 pulldown compatibility (HDTV compatibility), the PLV-80 delivers high-quality image projection from film sources.

Digital Gamma Correction

This gamma correction control function achieves smoother gradation characteristics by adjusting the gradation according to the image being input.

Color management function for color adjustment

A color management function permitting adjustment of any color (hue, chroma, gamma value) has been included. For the color to be corrected, a narrow hue range can be specified, and as the correction is reflected in real time, true color reproduction with high accuracy and effective color correction or stressing matching the scene can be done.

Automatic adjustment matching the image, auto picture control

Automatic gamma adjustment The brightness of the image is judged, the most suitable gamma value is set automatically, and a picture without too bright white parts or squashed black is reproduced. Intelligent digital sharpness control The image signal components are analyzed and the most suitable sharpness is set automatically.

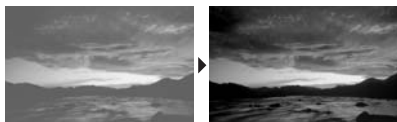
3,000 ANSI Lumens for a Big, Bright Picture

Whether it's for home theater use or professional event applications, the PLV-80 delivers the brightness you need for superior big-screen enjoyment. The powerful 300W NSH lamp and a built-in micro lens result in the screen brightness of 3,000 lumens. Professional users can stack two units together for a combined total of more than 6,000 lumens.

High contrast to suit any picture

SANYO's high-contrast optical system compensates for polarized scattering as the light passes through the LCD panels and increases black contrast to achieve an on-screen contrast ratio of 1,000 to 1 (black/white).

Digital gamma correction control offers finer gradation adjustment, allowing the user to achieve a perfect match for the projected image.



Plug-and-Play Easy Setup

Super-Quiet Operation

Linear control of fan rotation greatly reduces audible operating noise. The fan control system is linked to a sensor that constantly monitors the internal temperature of the projector, and fan speed is adjusted accordingly to eliminate noisy bursts of fan activity and reduce the noise level to just 33 dB.

Up/down left/right keystone correction

In addition to up/down keystone correction (maximum ± 30 degrees), SANYO has added left/right keystone correction (maximum ± 20 degrees) to the PLV-80. This makes it possible to project correct-looking images even if the projector is not directly in front of the screen.

Up/Down Lens Shift

The motor driven lens shift makes it easy to center the picture on the screen without raising the projector body. It also simplifies setup if two projectors are stacked for simultaneous use.

<http://www.sanyo-lcdp.com/english/>

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

Distributed by:

Flexible Set-up

These projectors can be connected to a computer network via the PJ-Net Organizer (POA-PN40, sold separately) for management and control capabilities. Projectors located in several different locations can be controlled from a single computer using your normal web browser - there is no need for any special software.



PJ-Net Organizer
POA-PN40 (option)

- E-mail Warning Messages
- Automatic On/Off Timer
- Web Management
- PJ Link capability
- SNMP (Simple Network Management Protocol) capability

Security Functions

The PIN code lock function prevents others from operating the projector if set without inputting the correct PIN code. The key lock function, which is set from the operation menu, locks the operation of the top control and remote control buttons.

Other Features

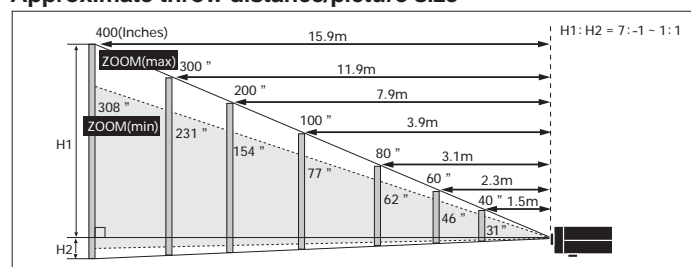
- True multimedia projection capabilities. Computer projection from VGA to UXGA (Analog).
- Digital Zoom • Power Management • On start
- Freeze frame, no show and other useful features for presentations
- Digital Realized Interpolation (DRIT) for superior digital resizing
- Rear or ceiling mounted projection • Built-in stereo amp and speakers (2W+2W)
- The accessory remote control has self-illuminated / light-storing buttons for easy operation also in dark locations. • User Logo (Capture)

Specifications

Model number	PLV-80
Panel system	1.21-inch TFTp-Si x 3
Number of pixels	3,147,264 total pixels, 1,049,088 (1,366 x 768) x 3 panels
Projection lens	Motor-driven zoom/focus (1-1.3x) F1.8-2.1, f=48.4-62.8mm
Projection lamp	300W NSH lamp
Screen size (throw distance)	30 to 400 inches
Color reproduction	Full color (1,070 million colors)
Input Signal	Input 1: HDB 15pin Type Terminal / DVI-D(HDCP) Input 2: BNC Type Jacks (Video / Y,C / Pb(Cb), Pr(Cr)) / (G,B,R,H,V) Input 3: RCA Type Jacks (Video / Y,Pb(Cb), Pr(Cr)) Mini DIN 4pin Type Jack (S-Video)
Audio Signal	Input 1/2: Stereo (mini jack) Input 3: Stereo (RCA)
Control Signal	R/C Jack, Control Port
Computer compatibility	UXGA / SXGA / SXGA+ / WXGA / XGA / SVGA / VGA / MAC
Picture brightness	3000 ANSI lumens (16:9 aspect ratio projection)
Uniformity	90% (corner to corner)
Contrast ratio	1000:1
Audio output	2W + 2W stereo
Speakers	Two 40 x 70mm (elliptical)
Scanning frequency	H sync: 15-100kHz, V sync: 48-100Hz, dot clock: less than 180MHz, G on sync
RGB input resolution	1,366 x 768 dots (1,600 x 1,200 dot resizing possible)
Horizontal resolution	800 TV lines
Dimensions (W x H x D)	319 x 168 x 429.5mm
Net weight	7.9kg (without lens)
Rated power supply	100V-240V 50Hz/60Hz auto change
Power consumption	450W
Color systems	PAL/SECAM/NTSC/NTSC 4.43/PAL-M/PAL-N

* Design of the product, specifications are subject to change without notice.

Approximate throw distance/picture size



Approximate throw distances shown above were calculated on lens design specifications. Please note that up to 5% deviation may result due to lens variation.



Pixelworks ICs are used in this projector



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AV Company

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