

PLC-EF30N/NL

SXGA Digital Multimedia Projector



INCREDIBLY BRIGHT 5800 ANSI LUMENS

A pair of high-output 200-watt UHP lamps delivers an incredible 5800 ANSI lumens of brightness.

OUTSTANDING CONTRAST RATIO – 700:1

By employing a 10-bit digital gamma correction circuit, excessive whites in bright images and overwhelming blacks in dark images are effectively suppressed.

CROSSTALK / GHOSTING PREVENTION

To eliminate the problem of ghosting on images, Sanyo's new Crosstalk Canceling technology reduces signal interference between the drive circuits on the LCD panels, while Line/Dot inversion reduces signal interference between pixels.

INTELLIGENT DIGITAL SHARPNESS CONTROL

This high-performance image processing technology analyzes the incoming signal and controls the sharpness of picture data only, while text and other elements that are already sharp are left unprocessed.

POWER LENS SHIFT

The power lens shift feature allows for greater placement flexibility and easy alignment of images with virtually no geometric distortion when twin-stacking projectors.

HDTV COMPATIBLE

The PLC-EF30N/NL is High Definition Television compatible, accepting the 1080i, 1035i, 720p, 575p, 575i, 480p and 480i HDTV resolution standards.

DIGITAL KEYSTONE CORRECTION

SANYO's digital keystone correction feature compensates for angled projector placement by digitally altering the pixels to produce undistorted images.



Specifications

Resolution	SXGA (1280 x 1024)
Brightness	5800 ANSI Lumens
Uniformity	90% (corner to corner)
LCD Panel System	1.8" TFT polysilicon type x 3
Number of Pixels	3,932,160 (1,310,720 x 3)
Contrast Ratio	700:1 (full on/off)
Projection Lens	Standard Zoom 2 - F2.0-2.3 (PLC-EF30N only) (Model PLC-EF30NL shipped without lens)
Image Size (diagonal)	40"-600"
Aspect Ratio	5:4
Throw Distance	6.5 – 82.2
Zoom/Focus	Powered
Throw Ratio	2.0 – 2.6:1
Zoom Ratio	1:1.3
Power Lens Shift	Up/Down Ratio 10:0 – 0:10
Digital Keystone Correction	+/- 40°
Projection Lamp	200W UHP x 2
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	UXGA, SXGA, XGA, SVGA, VGA, MAC
Voltage	100-240V AC
BTU Rating	1877
dB Rating	45.0
Power Consumption	550W
Dimensions (WxHxD)	17.3"x9.1"x23.9"
Net Weight	PLC-EF30N – 49.4 lbs. PLC-EF30NL – 45.2 lbs. (w/o lens)
User Maintenance	Clean air filters, replace lamp assembly
Detachable Input Panels	
POA-MD11DVI	Digital Visual Interface (DVI) • Left & Right Audio (RCA x 2) • Control (Min DIN 8pin)
POA-MD12VD1	RGB & Component (5-BNC) • Left & Right Audio (RCA x 2) • Control (Min DIN 8pin)
POA-MD03VD2	Composite & Y/C (2-BNC) • S-Video • Left & Right Audio (RCA x 2)
Fixed Input/Output Panel	Serial in & Serial out (D-Sub 9 x 2) • Audio out (RCA x 2) • USB • Wired RC jack (Stereo mini)
Included Accessories	Wired/Wireless I/R Remote Control w/Mouse Pad and Laser Pointer • AC power cord • VGA and DVI Cable • Wired remote cable • PS/2, Serial, MAC Mouse Control Cables • Dust cover • MAC/VGA and DVI/VGA Adapter • Lens cover • Light Block Sheets • Owner's manual
Optional Accessories	POA-MD08HD - HD-SDI Input panel POA-MD09VD3 - Faroudja™ Input panel POA-MD04VGA - VGA (D-Sub 15) Input panel POA-LLB02 - Lamp and Ballast Kit for 100W UHP lamps
Warranty	Three years parts and labor; 90 days 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	Standard Zoom 1	Standard Zoom 2*	Standard Zoom 3	Semi-Long Zoom	Long Fixed	Long Zoom
Part No.	LNS-W01	LNS-W02	LNS-W03	LNS-S01	LNS-S02	LNS-S03	LNS-M01	LNS-T01	LNS-T02
Zoom	No	Yes (power)	No	Yes (power)	Yes (power)	Yes (power)	Yes (power)	NO	Yes (power)
Throw Ratio	1.2:1	1.35 – 1.8:1	0.8:1	1.8 – 2.9:1	2.0 – 2.6:1	2.6 – 3.5:1	3.5 – 4.6:1	7.0:1	4.6 – 6.0:1
F Stop	2.5	2.5 – 2.9	2.6	2.6 – 3.5	2.0 – 2.3	1.7 – 2.6	2.0 – 2.6	2.0	2.0 – 2.9
Length	9.4"	8.34"	9.25"	7.0"	8.2"	13.8"	6.9"	8.6"	9.6"
Weight	12.8 lbs.	5.5 lbs.	6.6 lbs.	3.7 lbs.	4.2 lbs.	8.2 lbs.	4.2 lbs.	8.4 lbs.	6.8 lbs.

*Model PLC-EF30N comes equipped with Standard Zoom Lens 2 (LNS-S02). Model PLC-EF30NL does not include a lens.