

PLC-EF60

2-Lamp Multimedia HDTV Projector



* Lens sold separately

UNSURPASSED 10-BIT IMAGE QUALITY

10-bit video processing of both luminance and RGB signals plus a 12-bit progressive IC produce a true high-definition picture with outstanding brightness and contrast. A separate 12-bit gamma correction IC ensures deep, rich blacks and superior edge detail. Progressive scanning with 3-2/2-2 pulldown and 1080i progressive technologies provide jitter-free digital video playback of filmed programming. New Color Manager Pro software simplifies set-up and helps maintain optimum performance

EXCEPTIONALLY BRIGHT, HIGH CONTRAST IMAGE

Rated to deliver a radiant 5800 ANSI Lumens (in 2-lamp mode), the PLC-EF60 is one of the brightest projectors in its class. A fully adjustable mechanical shutter helps boost the contrast ratio to 1300:1. A wide range of other image adjustment options, including keystone correction, lens shift (lens sold separately) and picture zoom, are also provided.

NEW ADVANCED TECHNOLOGIES

SANYO's PLC-EF60 incorporates a number of innovative new technologies to adapt to a broader range of applications. These include:

- Warp & Blending board and software to facilitate multi-image presentations on non-linear surfaces.
- Front panel interface for greater positioning flexibility
- New on-screen display with built-in test patterns provides quicker, more accurate set-up and calibration.
- Single intake/exhaust fan with filter LED for improved dust resistance and easy maintenance.
- New fan control with angle sensor allows 360° positions.

EXTENSIVE CONNECTIVITY & EXPANDABILITY

A full complement of input terminals, including DVI-D (2), component video (BNC & RCA) and S-video connections, provides extensive flexibility. A pair of removable extension slots assures optimum networking and expansion capability.

UNIQUE NETWORKING & LENS MEMORY CAPABILITY

Supplied Real Color Manager Pro software enables connection with external PC or daisy-chaining multiple projectors together. When used in conjunction with optional LNS-W04 lens, zoom and focus position can be programmed into memory.



PRESENTATION TECHNOLOGIES

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Specifications

Resolution	1400 x 1050 (SXGA+)
Brightness (typical)	5800 ANSI Lumens (2-lamp mode)
Uniformity	90% (corner to corner)
LCD Panel System	1.4" TFT Poly-Silicon w/ micro lens x 3
Number of Pixels	4,410,000 (1,470,000 x 3)
Contrast Ratio	1300:1
Projection Lens	Lens sold separately
Projection Image (diag.)	Dependent on lens(30" ~ 500" w/ LNS-S02Z)
Throw Distance	Dependent on lens
Zoom/Focus	Dependent on lens
Lens Shift	Powered (Up/ Down/Left/Right)
Up/Down/Left/Right Ratio	Up/Down: 10:0 ~ 0:10 or 8:1 ~ 1:8 or 1:1 Left/Right: 3:2 ~ 2:3 or 1:1
Lens Position Memory	w/ LNS-W04 only (Lens Shift/Zoom/Focus)
Digital Keystone Correction	Vert. +/- 35°
Projection System	Dichroic mirror & X prism w/ PBS
Lens Throw Ratio	Dependent on lens
Projection Lamp	300W UHP x 2
Scanning Frequency	H sync: 15kHz ~ 120kHz V sync: 48Hz ~ 120Hz
Dot Clock	230MHz
Color System	PAL/SECAM/NTSC/NTSC4.43/PAL-M/PAL-N
Computer Compatibility	UXGA(compression) SXGA/WXGA/XGA/SVGA/VGA/MAC
Voltage	100~120V/200~240V AC, 50/60Hz
BTU Rating	3071
dB Rating	42dBA (normal)/39dBA (Eco mode)
Power Consumption	900W
Dimensions (W x H x D)	20.4" x 9.9" x 23.9"
Net Weight	54.5 lbs.
User Maintenance	Clean air filters, replace lamp assembly
Input Terminals	
Input 1	Digital Visual Interface (DVI-D w/HDCP) • VGA (D-Sub15) • Left & Right Audio (Stereo mini-jack)
Input 2	RGB & Component (BNC x 5) • Left & Right Audio (Stereo mini-jack)
Input 3	Component & Composite (RCA x 3) • S-Video (Mini DIN 4-pin) • Left & Right Audio (RCA x 2)
Input 4 (Detachable)	Digital Visual Interface (DVI-D w/HDCP) •
Warp & Blending board	Serial Port In/Out (D-Sub 9 x 2)
Input 5 (Detachable)	Expansion slot (Digital board only)
Output Terminal	VGA (D-Sub15) through Input 1 Analog only
Control Terminals	Serial Port In/Out (D-Sub 9 x 2) • USB (Type A & Type B) • Wired R/C (mini-jack)
Included Accessories	Owner's Manual • Wireless/Wired RF Remote Control w/Batteries (two "AA") • Warranty Card • VGA Cable • DVI Cable • Dust Cover • AC Power Cord x 3 • Lens Attachment x 2 (POA-LNA04 & POA-LNA02) • Light Block Sheet x 2 • CD-ROM x 2 (Real Color Manager Pro & Advanced Screen Manager) • Wired Remote Control Cable (5.9ft) • Security Label
Optional Accessories	Optional Lenses (see below) POA-MD19NET (Advanced PJ-Net board) POA-MD17SDID (HD & SD Dual-SDI board) POA-MD09VD3 (Faroudja Progressive board) POA-MD18DVI (DVI w/HDCP board) POA-MD04VGA (D-Sub15 board) - Input4 only POA-LNA02 (for W02, W02KS, M01, S01) POA-LNA04 or LNA01 (for all other lenses)
FCC Rating	Class A, UL Listed

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.

Part No.	LNS-W03	LNS-W01Z	LNS-W02Z	LNS-W04	LNS-S01	LNS-S02Z	LNS-S03	LNS-M01Z	LNS-T02	LNS-T01Z	LNS-T03
Zoom	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Throw Ratio	1.0:1	1.5:1	1.8 - 2.3:1	2.0 - 2.6:1	2.3 - 3.7:1	2.6 - 3.3:1	3.3 - 4.5:1	4.5 - 5.8:1	5.6 - 8.0:1	8.9:1	8.1 - 11.6:1
F Stop	2.6	2.5	2.5 - 2.9	1.7 - 2.3	2.6 - 3.5	2.0 - 2.3	1.7 - 2.6	2.0 - 2.6	2.0 - 2.9	2.0	2.2 - 2.5
Lens Shift(U/D)	1:1 only	8:1 - 1:8	8:1 - 1:8	8:1 - 1:8	10:0 - 0:10	10:0 - 0:10	8:1 - 1:8	8:1 - 1:8	8:1 - 1:8	8:1 - 1:8	8:1 - 1:8
Weight	6.6 lbs	12.8 lbs	5.5 lbs	6.2 lbs	3.7 lbs	4.2 lbs	8.2 lbs	4.2 lbs	6.8 lbs	8.4 lbs	16.1 lbs