

# PLC-EF12N

SXGA Multimedia Projector



### DIRECT PC INTERFACE WITH PANELLINK™ TECHNOLOGY

Utilizing PanelLink™ protocol, the PLC-EF12N offers a true digital connection to a PC. SANYO digital interfacing greatly reduces ghosting, noise and signal degradation. It also allows for longer cable runs and eliminates the need for complicated adjustments such as dot clock or synchronization of frequencies, enabling true plug and play compatibility with PCs!

### DIGITAL PROGRESSIVE SCANNING

Proprietary SANYO digital progressive scanning doubles the video information being sent to the projector, substantially increasing video-image detail and resolution. Each pixel is monitored using SANYO's original motion detection algorithm to ensure increased vertical resolution and crisper moving images.

### POWER LENS SHIFT

Results in minimal geometric distortion for up/down image alignment when twin stacking.

### SUPERIOR HDTV PERFORMANCE

HDTV Compatible, accepting the 1080i, 1035i, 720p, 575p, 575i, 480p, and 480i HDTV resolution standards.

### WIDE ARRAY OF LENS OPTIONS

Seven lenses are available to provide tremendous placement flexibility.

\*Optional Lenses sold separately

### ALSO AVAILABLE: PLC-EF12NL

Same features as PLC-EF12N except unit is shipped without a lens. Purchaser can select from a variety of optional lenses

## Specifications

Type	SXGA (1280 x 1024) Multimedia
Brightness	3700 ANSI Lumens Nearly 7,400 ANSI Lumens when twin-stacked
Uniformity	Over 85%
LCD Panel System	1.8" TFT polysilicon type x 3
Number of Pixels	3,932,160 (1,310,720 x 3)
Contrast Ratio	500:1
Projection Image (diagonal)	40" - 600"
Aspect Ratio	5:4
Throw Distance	5.0' to 107'
Zoom/Focus	Powered
Keystone Ratio (up/down)	1:1
Power Lens Shift	10° Up/Down from center
Projection System	Polarized beam splitter with integrator lens
Projection Lens	F2.0 to 2.3; f3.0" to 3.8" Throw Ratio 2.0 - 2.6:1
Projection Lamp	440W DC Metal Halide
Scanning Frequency	Auto - H. Sync. 15-100kHz, V. Sync. 50-120Hz
Color System	PAL/PAL-M/PAL-N/SECAM/NTSC/NTSC4.43
Computer Compatibility	Compressed UXGA, <b>SXGA</b> , XGA, SVGA, VGA, MAC, PC98
Sound Output	Two-piece, 3-watt Stereo
Voltage	100-240V AC; 50/60/Hz (auto sense/select)
BTU	2218
dB Rating	48.0
Dimensions (WxHxD)	15.4"x9.2"x22.9"
Net Weight	39.2 lbs.
Warranty	Three years parts and labor; 90 days lamp; Quick Repair Program under warranty
User Maintenance	Clean air filter, replace lamp assembly
Computer Input Panel 1	• MDR 20-pin Terminal (digital) • D-Sub 15 • 12-pin control port and USB port
Computer Input Panel 2	• 5 BNC (RGBHV) • 12-pin control port and USB port
A/V Input Panel	• BNC Type (Video/Y, C/Cb (B-Y), Cr (R-Y)) x 2 • RCA Type (Audio R and L) x 2 • S-Video x 2
Included Accessories	• Wireless and Wired Remote • AC Power Cord • 3 Mouse Control Cables (PS/2, Serial, ADB) • VGA Computer Cable • VGA-MAC Adapter • Wired Remote Cable • Digital Flat Panel Cable • PCI Graphic Accelerator Board & Software • Lens Cap • Dust Cover • Owner's Manual
Optional Accessories	• Digital Graphics Accelerator PC-Card • ATA Shipping Case (PLCCSE07)

PRELIMINARY SPECIFICATION SHEET ONLY 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.

### Optional Lens Specifications

	Standard Zoom 1	Standard Zoom 2	Wide Fixed	Wide Zoom	Semi-Long Zoom	Long Zoom	Long Fixed
Part No.	LNS-S01	LNS-S02	LNS-W01	LNS-W02KS	LNS-M01	LNS-T02	LNS-T01
Zoom	Yes	Yes	No	Yes	Yes	Yes	No
Throw Ratio	1.8 - 2.9:1	2.0 - 2.6:1	1.2:1	1.35 - 1.8:1	3.5 - 4.6:1	4.6 - 6.0:1	7.0:1
F Stop	2.6 - 3.5	2.0 - 2.3	2.5	2.53 - 2.95	2.0 - 2.6	2.0 - 2.8	2.0
Length	6.9"	8.0"	9.4"	8.3"	6.9"	9.4"	8.6"
Weight	3.74 lbs.	4.2 lbs.	12.8 lbs.	4.8 lbs.	4.2 lbs.	6.8 lbs.	8.4 lbs.