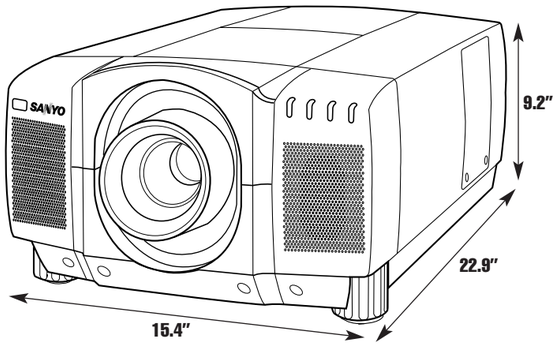
PLC-XF10N

XGA Multimedia Projector

- World's First Digital PC Interface for an LCD Projector; PanelLink Technology for a True Digital Connection
- Digital Signal Processing for Enhanced Image Detail
- Digital Progressive Scanning for Improved Video Performance
- True XGA (1024 x 768) /Compressed SXGA Resolution
- Power Lens Shift with Minimal Geometric Distortion for 10° Up/Down Image Alignment
- Greater Than 85% Uniformity with a Contrast Ratio Greater Than 350:1 -- Both Among Industry Best
- Revolutionary Polarized Beam Splitter (PBS) Optical System
- Plug-and-Play Convenience for Easy Operation
- Easy-to-Use Graphic User Interface (GUI) On-Screen Menus
- Micro Lens Technology
- Revolutionary Digital Realized Interpolation Technology (DRIT) for Elegant Compression and Expansion
- Digital Manipulation Panning
- HDTV Compatible
- Optional PCI Digital Graphics Accelerator Card
- Optional Digital Graphics Accelerator PC-Card

Also Available: PLC-XF10NL:

Same features as PLC-XF10N except purchaser can select from optional lenses. (Lenses shipped separately for model PLC-XF10NL).



SANYO

SPECIFICATIONS

Type	XGA (1024 x 768) Multimedia
Brightness	2700 ANSI Lumens Nearly 5400 ANSI Lumens when Twin Stacked
Uniformity	Over 85% (Corner to Corner)
LCD Panel System	1.8" TFT Polysilicon Type x3
Number of Pixels	2,359,296 (786,432 x 3)
Contrast Ratio	Greater Than 350:1
Projection Image	30" to 600" (Diagonal)
Aspect Ratio	4:3 Normal; 16:9 Wide Screen
Throw Distance	4.9' to 106'
Zoom/Focus	Powered; 1:1.3 Zoom
Keystone Ratio (U/D)	1:1
Power Lens Shift	10° up/10° down
Projection System	Polarized Beam Splitter with Integrator Lens
Projection Lens	f3.0"-3.8", F2.0-2.3 Throw Ratio 2.0-to-2.6:1
Projection Lamp	400W DC Metal Halide
Scanning Frequency	H Sync: 15-120kHz V Sync: 50-100Hz
Dot Clock	202MHz
Over Scan (Video Mode)	3% H; 3% V
Color System	PAL/PAL-M/PAL-N/SECAM/NTSC/NTSC4.43
Computer Compatibility	Compressed SXGA, XGA, SVGA, VGA MAC, PC98
Sound Output	Two-Piece, Three-Watt Stereo
Voltage	100/240AC;50/60Hz with Auto Sense, Auto Select
Power Consumption	650W
Net Weight	39.2 lbs.
Dimensions (WxHxD)	15.4" x 9.2" x 22.9"
Warranty/Lamp	Three Years Parts and Labor; 90 Days Lamp; Quick Repair Program Under Warranty
Standard Accessories	Wireless and Wired Remote Controls; Wired Remote Cable; Two "AA" Alkaline Batteries; AC Power Supply Cord; Mouse Control Cables; VGA Computer Cable; VGA-MAC and VGA-PC98 Adapter; Dust Cover; Lens Cap; Owner's Manual
Optional Accessories	Digital Graphic Accelerator Board and Software; 9 Ft. Digital Cable; Digital Graphics Accelerator PC-Card; Short-Range Lens with Fixed Focal Length; Semi-Long Zoom Lens; Long-Range Lens with Fixed Focal Length; Wide-Angle Zoom Lens

Optional Lens Specifications

	Short	Semi-Long	Long	Wide Zoom
Part No.	LNS-W01	LNS-M01	LNS-T01	LNS-W02KS
Zoom	No	Yes	No	Yes
Lens Shift	8:1	8:1	8:1	8:1
Throw Ratio	1.2:1	3.5 to 4.6:1	7.0:1	1.35 to 1.8:1
F Stop	2.5	2.0 to 2.6	2.0	2.53 to 2.95
Length	9.4"	6.9"	8.6"	8.3"
Weight	12.3 lbs.	4.2 lbs.	8.8 lbs.	5.5 lbs.

SUPER-BRIGHT, TRUE XGA, DIGITAL MULTIMEDIA PROJECTOR

SANYO

DIGITAL, TRUE XGA BRILLIANCE FOR LARGE VENUE APPLICATIONS

2700 ANSI LUMENS

PLC-XF10N

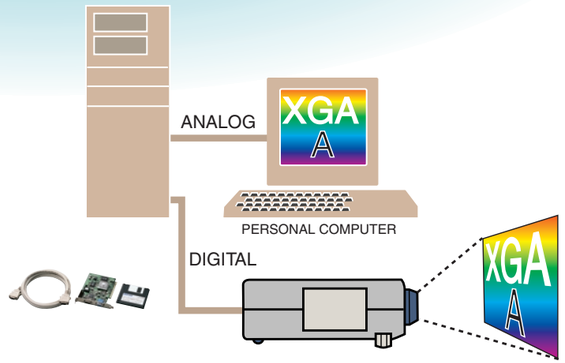
SUPER-BRIGHT, TRUE XGA, DIGITAL MULTIMEDIA PROJECTOR

SANYO Leads the Way in Digital Presentation Technology

SANYO is at the forefront of the digital revolution taking place in LCD projectors. From introducing the first digital PC interface in an LCD projector to digital signal processing, digital progressive scanning, and digital realized interpolation technology, SANYO offers the latest in innovative digital technology, ensuring the clearest, most accurate images possible. Model PLC-XF10N continues SANYO's aggressive industry-leading position.

Digital PC Interface:

- No loss in data quality when signal is sent from computer to projector
- No ghosting or noise introduced to images
- Eliminates the need for total dot, fine synchronization, and positioning adjustments
- Allows longer cable runs without signal loss
- Accurate, precise picture with high detail
- Offers both digital and analog XGA output
- PanelLink™ Technology for a True Digital Connection
- Digital graphics accelerator card (PCI and PC-card) sold separately



I/O Connection Panel

Digital Realized Interpolation Technology (DRIT)

This SANYO revolutionary, proprietary technology digitally and mathematically interpolates an image's pixels, then reconstructs the image by either compressing or expanding it. The principal result of DRIT is the elegant compression of a higher resolution rate or the visually accurate expansion of a lower resolution rate to match the native resolution of the projector.

Digital Zoom

The unit's handy 16x digital zoom feature magnifies specific sections of an image, making presentations bigger and clearer than ever. Unique SANYO technology eliminates jagged edges on small letters and lines so that even highly magnified images appear crisp and clear.

Digital Signal Processing

SANYO's advanced digital signal processing circuit and automatic color correction ensure the highest color accuracy possible and dramatically enhance image-edge detail.

Digital Progressive Scanning

Proprietary SANYO digital progressive scanning doubles the video information being sent to the projector, substantially increasing video-image detail and resolution.

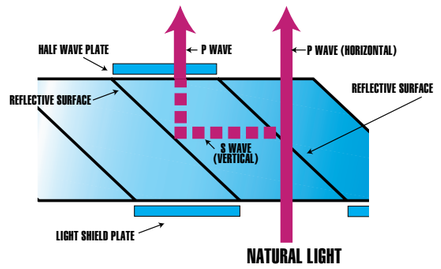
Optional Graphic Accelerator PC-Card for Laptop PC (POA-CBUS01)

True Multimedia Flexibility

The PLC-XF10N easily connects to an array of computers and AV sources, including laptop PCs, Macintosh and PowerBook systems, VCRs, camcorders, DVD and laser disc players, satellite and HDTV tuners. Having assorted multimedia selections allows presenters to use materials prepared in different media, adding excitement and versatility to any presentation.

Ease Of Use

Operating the PLC-XF10N is as simple as making the connections, turning on the source, and beginning the presentation. Its auto-lock frequency synchronization allows it to accept most frequencies without manual adjustments. An auto-set feature automatically sets the fine synchronization, total dot adjustment, and positioning. The SANYO PLC-XF10N is the easiest LCD projector in its class to set up and run.



Polarized Beam Splitter (PBS) Optical System

This cutting-edge SANYO technology helps assure a high uniformity rate and a beam twice as bright as conventional projectors. It combines all of the S-wave light emitted from the unit's lamp with the P-wave light. The result is a super-bright image with nearly the same brightness from side-to-side and top-to-bottom.

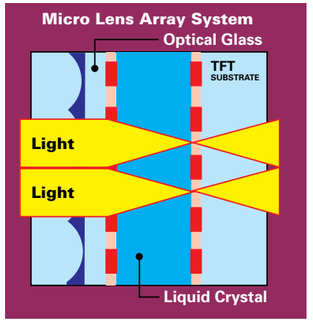
Optional Lenses

While the standard lens that comes with the PLC-XF10N gives plenty of flexibility for a wide variety of applications (small meeting rooms to large conference halls), four optional lenses are also available. They include a short range with fixed focal length, semi-long range with zoom, long-range with fixed focal length, and wide-angle with zoom.

EXTREMELY BRIGHT AND VERSATILE, THE PLC-XF10N IS THE MOST USER-FRIENDLY, TRUE-XGA LCD PROJECTOR IN ITS CLASS!

Extremely high brightness is achieved through SANYO's exclusive micro lens technology, an optical-quality, multi-element glass lens, and a 400W metal halide lamp. With 2700 ANSI Lumens, the PLC-XF10N is the brightest LCD projector in its class. Plus, its twin-stacking capability can provide 5400 ANSI Lumens of brightness. An over 85% uniformity rate-one of the best in the industry-assures picture clarity and brightness out to the very edges of the screen.

With images this bright, the PLC-XF10N is the ideal unit for any large-venue application.



Micro Lens Technology

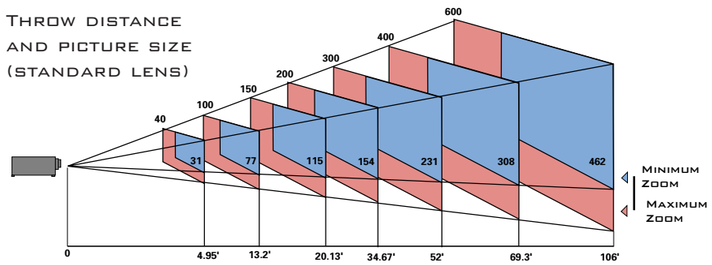
Every individual pixel on each of the three LCD panels has a micro lens integrated into it to increase overall light concentrating efficiency. This allows more projection-lamp light through the LCD panels, resulting in significantly brighter images.

Quick Repair Program (QRP)

In the unlikely event that this SANYO projector ever needs warranty service, SANYO's QRP provides a fast 24-to-72-hour turnaround time for repairs. SANYO even pays for freight.

When twin stacked, the power lens shift (10° up or down) is the easiest way to align images and provides virtually no geometric distortion.

Throw Distance and Picture Size (Standard Lens)



Standard Lens Throw Distance and Picture Size

Max. Zoom (inches)	40	100	150	200	300	400	600
Min. Zoom (inches)	31	77	115	154	231	308	462
Throw Dist. (feet)	4.9'	13.2'	20.13'	34.67'	52'	69.3'	106'