

SANYO

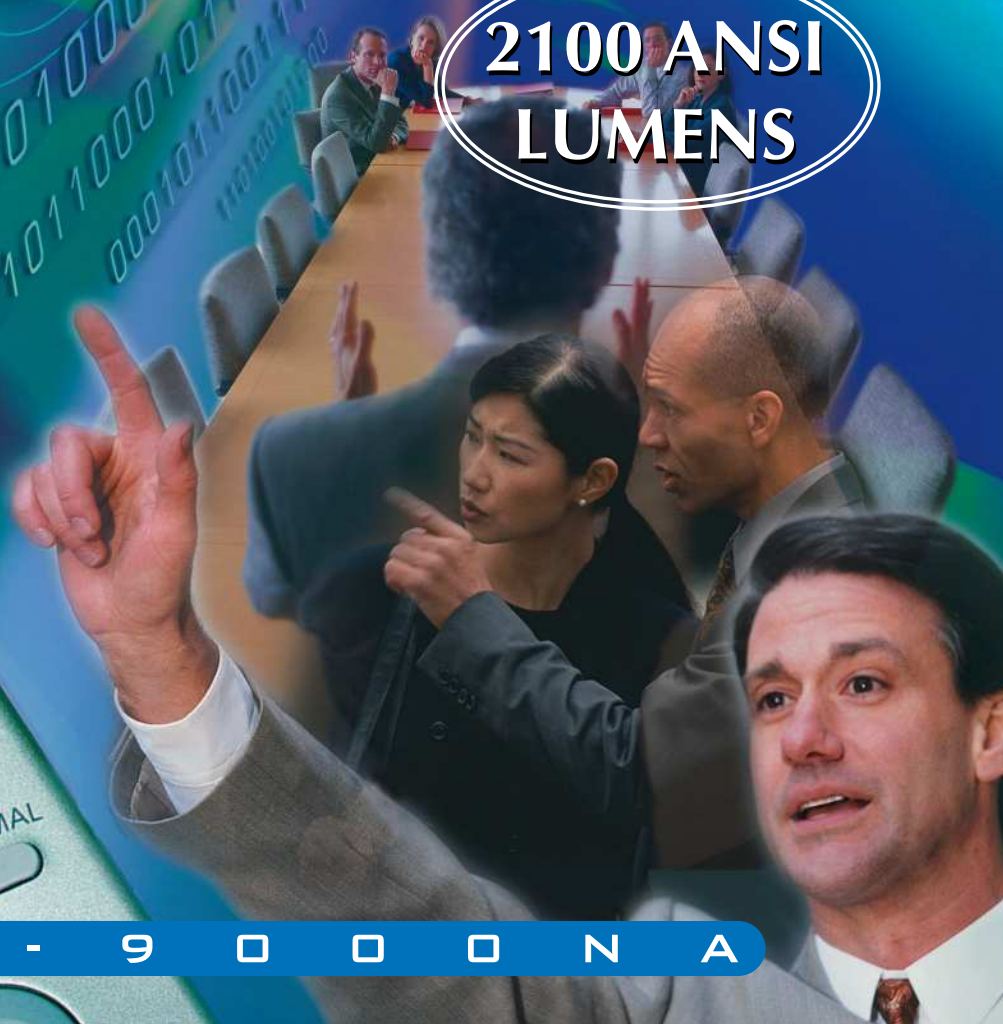


IT SHINES LIKE NO OTHER

2100 ANSI
LUMENS



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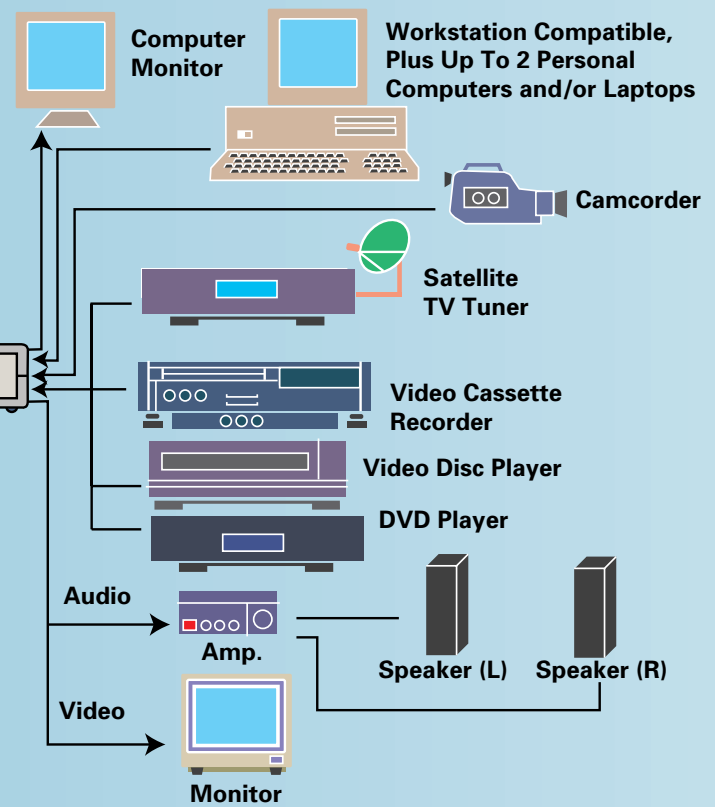
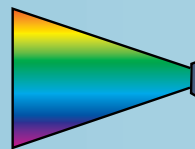


THE MOST ADVANCED LCD PROJECTOR

Having nearly the brightness level of a high-resolution color monitor makes the PLC-9000NA one of the best LCD projectors for large venues. However, compared to a typical high-resolution color monitor, it is much easier to install, weighs less, and is smaller in size, while still producing exceptional picture quality.

- One of the First to Incorporate Universal Serial Bus (USB) Input
- Proprietary HQVF Video Circuit Provides the Highest Quality Video Images
- Component Video Inputs (Y/Video, C/R-Y, B-Y) for DVD Player
- One of the Best XGA LCD Projectors for Workstation Applications

- 2100 ANSI Lumens(Typical) -- the Brightest LCD Projector in Its Class
- Twin-Stacking Provides Combined Total of Nearly 4200 ANSI Lumens
- 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
- Revolutionary Digital Realized Interpolation Technology (DRIT) Provides Elegant Compression and Digital Expansion
- Most Versatile and Easiest Interfacing of Any LCD Projector
- First Detachable Cartridge-Type Adapter for Various EWS Connections



Add in its graphic user interface (GUI) on-screen menus, and the PLC-9000NA is the easiest, most user-friendly LCD projector to set up and run.

PLUG-AND-PLAY CONVENIENCE

Operating the PLC-9000NA is as simple as making the connections, turning the various connective inputs on, and beginning the presentation. Its auto lock frequency synchronization allows it to accept most SXGA and electronic workstation (EWS) frequencies. The Auto Set feature allows the user to automatically set the fine synchronization, total dot adjustment, and positioning.

DIGITAL REALIZED INTERPOLATION TECHNOLOGY (DRIT)

This 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 virtually true and natural SXGA or EWS image. DRIT is, by far, the most effective compression method available.

Conversely, DRIT also performs digital expansion, allowing a VGA or SVGA image to be expanded to a visually accurate XGA image.

Besides DRIT, the PLC-9000NA has another image manipulation capability: digital manipulation panning. This allows the viewing of noncompressed SXGA or EWS images by manipulating the image -- side-to-side or top-to-bottom -- on the viewing screen.

THE BRIGHTEST, MOST ADVANCED, MOST VERSATILE, AND MOST USER-FRIENDLY TRUE-XGA LCD PROJECTOR IN ITS CLASS

BRIGHTEST LCD PROJECTOR

The PLC-9000NA offers an incomparable 2100 ANSI lumens — the brightest LCD projector available in its class. With its twin-stacking capability (one model on top of another), it can project a combined total of nearly 4200 ANSI lumens.

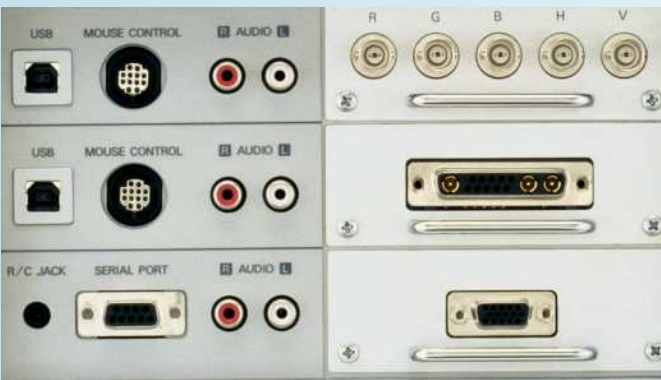
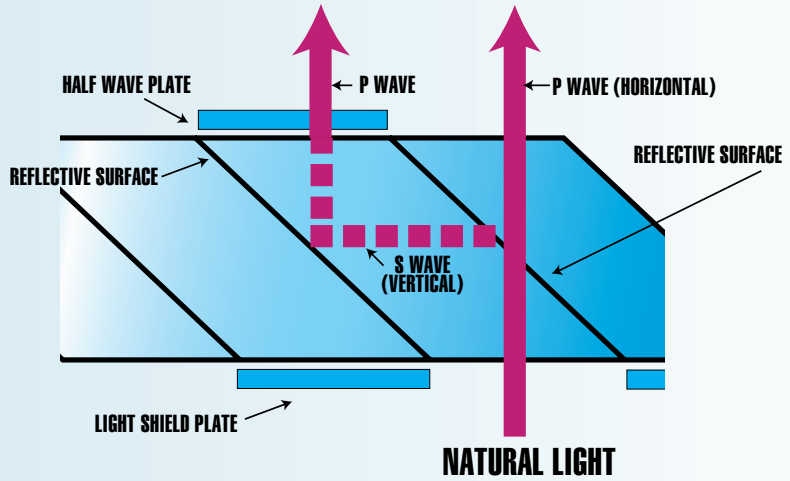
Not only is it bright, but it also boasts one of the best uniformity rates in the industry — greater than 85%. Brightness and picture clarity aren't limited to the center of the screen, but are spread evenly across the entire image area.



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

POLARIZED BEAM SPLITTER (PBS) OPTICAL SYSTEM

SANYO'S revolutionary Polarized Beam Splitter optical system helps assure a high uniformity rate and a beam twice as bright as conventional projectors. PBS combines all of the S-wave light that the PLC-9000NA's lamp emits with the P-wave light. The result is a super-bright image, featuring practically the same brightness from side-to-side and top-to-bottom.



MOST VERSATILE/EASIEST INTERFACE

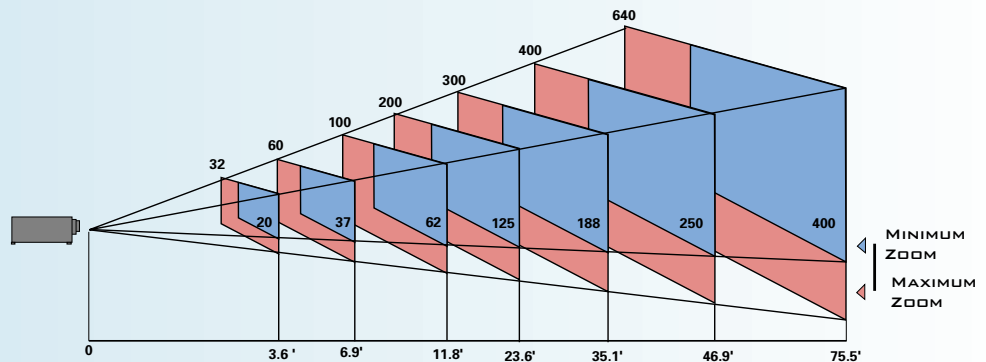
The PLC-9000NA offers the easiest interfacing capability. One reason why is the industry's first detachable cartridge-type adapter for various color Workstation connections. Making 13W3, DSUB15, and BNC (RGBHV) input connections is a snap.

The PLC-9000NA is one of the first LCD projectors to incorporate a USB input, which enhances the unit's communication speed. Additionally, dual computer inputs, dual mouse control ports, component video inputs (Y/Video, C/R-Y, and B-Y) for DVD, SVHS inputs, as well as other video inputs, help make it the most versatile LCD projector in the market.

LARGER IMAGE IN SMALLER AREA

The PLC-9000NA may also be used in a variety of applications. Its 1:1.6 zoom ratio provides a larger image in a shorter throw distance than most comparable projectors. An image of 20" (diagonal) can be projected from a distance of just 3.3 feet from the screen. At the maximum throw distance of 73.2 feet, a 600" (diagonal) image can be displayed.

In addition to its standard lens with zoom capabilities (100-diagonal-inch image from 11.8' to 19'), the unit also has available the following optional lenses: short range with fixed focal length (100-diagonal-inch image at 7.9'), midrange with zoom capabilities (100-diagonal-inch image from 23' to 29.9'), and long-range with fixed focal length (100-diagonal-inch image at 45.9').

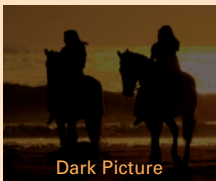
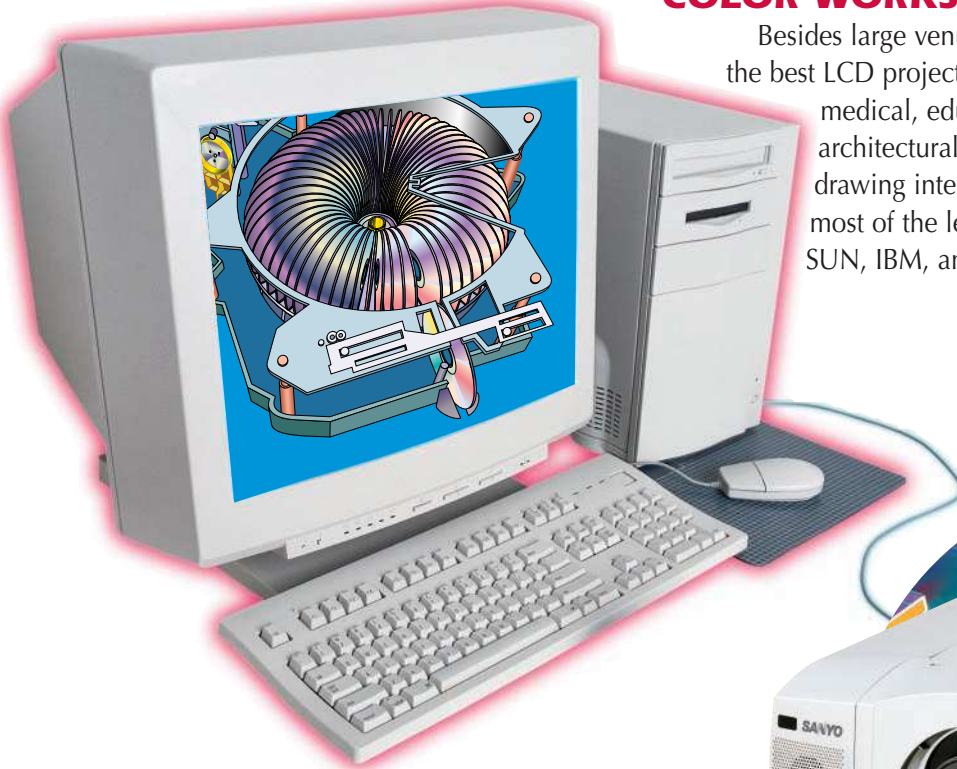


STANDARD LENS THROW DISTANCE AND PICTURE SIZE

Max. Zoom (inches)	32	60	100	200	300	400	640
Min. Zoom (inches)	20	37	62	125	188	250	400
Throw Dist. (feet)	3.3'	6.9'	11.8'	23.6'	35.1'	46.9'	75.5'

COLOR WORKSTATION CAPABILITY

Besides large venues, the PLC-9000NA is also one of the best LCD projectors for workstation environments -- medical, education, training, CAD/CAM, architectural, automotive, aerospace, or any other drawing intense discipline. It is compatible with most of the leading color workstation units -- HP, SUN, IBM, and Silicon Graphics.



Dark Picture



Adjusted Picture

Overly dark picture adjusted to optimum gradation



Overly Bright Picture



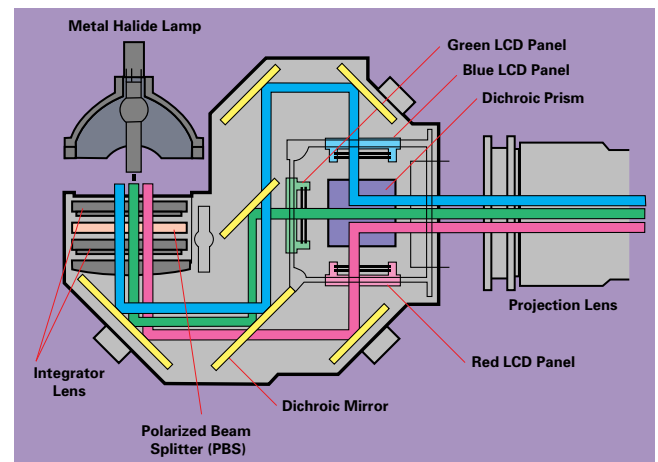
Adjusted Picture

Overly bright picture adjusted to optimum gradation

PLUS:

- Power Zoom (1:1.6)
- Power Focus (1:1.6)
- 20" to 600" (Diagonal) Projection Image Size
- 1.8" TFT Polysilicon Panel (3)
- Around-the-World Use: Multivoltage Capability (100-120 Volts AC and 200-240 Volts AC; 50/60Hz); Works with Most Common Video Color Systems Found Globally; and Multilanguage Selection for Menu Displays
- Wireless with Track Pad and Wired Remote Controls
- Image Aspect Ratios: Normal (4:3) and Wide (16:9)

- Ceiling-Mount or Rear-Screen Projection Capabilities
- Blue Screen when Image Source Is Turned Off or Unplugged
- Dynamic Stereo Sound



SPECIFICATIONS

Brightness	2100 ANSI Lumens (Typical); Nearly 4200 ANSI Lumens when Twin Stacked
Uniformity	Greater Than 85% (corner to corner)
Contrast Ratio	Greater Than 350:1
Panel	1.8" Polysilicon TFT (x3)
Panel Resolution	1024 x 768 dots (Compressed 1280 x 1024)
Number of Pixels	2,359,296 (786,432 x 3)
Projection Lamp	400 Watt Metal Halide
Power Lens Shift	-10° to 0° to 10°
Projection Lens	f 2.6 to 3.5 Lens with F 2.63" to 4.2"; Motor Zoom and Focus
Throw Distance	3.3' to 73.2'
Projection Image	Adjustable from 20" to 600" (Diagonal) Size
Zoom/Focus	Powered; 1:1.6 Zoom
Color Systems	PAL/SECAM/NTSC/NTSC4.43/PAL-N/PAL-M
Computer Compatibility	SXGA, XGA, SVGA, VGA, MAC, PC98
Scanning Frequency	Horiz. Sync. 15 to 80 kHz, Vert. Sync. 50 to 100Hz
Over Scan (Video Mode)	3%H; 3%V
Dot Clock	135MHz
Sound Output	Two-Piece, Three-Watt Stereo
Voltage	100-120V AC, 200-240V AC; 50/60Hz with auto change
Power Consumption	630 Watts
Dimensions (WxHxD)	15.3" x 8.4" x 22.9"
Weight	34.6 Lbs.
Standard Accessories	Wireless and Wired Remote Control, Two "AA" Alkali Batteries, Mouse Control Cables, VGA Computer Cable, VGA-MAC and VGA-PC98*1 Adapter, Power Cord, AC Plug Adapter, Wired Remote Cable, Lens Cap, Dust Cover, Owner's Manual
Optional Accessories	Short-Range Lens* with Fixed Focal Length, Midrange Lens with Zoom Capabilities, Long-Range Lens* with Fixed Focal Length, Detachable Cartridges (DSUB15, 13W3, and 5 BNC), Heavy-Duty Shipping Case With Wheels and Retractable Handle (#PLCCSE07) VGA Monitor Out Cable, Mouse Control Cable, VGA Computer Cable, VGA-MAC and VGA-PC98*1 Adapter, PC Terminal Unit

SPECIFICATIONS FOR PLC-9000NA OPTIONAL LENSES

	SHORT*	SEMI-LONG	LONG*
Focal Length	1.8"	5"-6.4"	10"
Lens Ratio	1.2:1 ratio	3.5 to 4.6:1 ratio	7.0:1 ratio
f Stop	2.6	2.0 - 2.6	2.0
Length of Lens	9.4"	6.9" @ 142"	8.6"
Weight of Lens	12.3 lb.	4.2 lb.	8.8 lb.
Part No.	PLC-LNS02	PLC-LNS01	PLC-LNS03

*Short and long-range lenses come with special housing.
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.
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The PLC-9000NA is just part of Sanyo's full line of LCD projectors. To make any presentation more captivating, trust SANYO, the leader in presentation technologies.



Also Available:
PLC-9000NL—Same tremendous features as PLC-9000NA except purchaser can customize by selecting desired lens: Semi-Long (PLC-LNS01), Short (PLC-LNS02), Long (PLC-LNS03), or Standard (PLC-LNS04). (NOTE: Lenses shipped separately. Short and Long lenses come with special housing.)

