SANYO

TRUE-SVGA LCD
PROJECTOR

LIGHTEST BRIGHTEST SMALLEST

FULLY FEATURED
AND *ULTRACOMPACT*

The SANYO PLC-5600N Multimedia ProX-II is the lightest, brightest and smallest LCD projector in its class. Only an industry leader such as SANYO could offer such a full-featured, multiuse high-grade true-SVGA projector this size.

Many projectors claim to be lightweight. At a mere 13 pounds, the PLC-5600N has attained lightweight status while still incorporating an exceptional feature package that is second to none.

■ TRUE SVGA RESOLUTION (800 x 600)

■ PROPRIETARY DIGITAL REALIZED INTERPOLATION TECHNOLOGY (DRIT) MATHEMATICALLY AND DIGITALLY INTERPOLATES AN IMAGE, CREATING AN ELEGANT COMPRESSION THAT IS VIRTUALLY TRUE AND NATURAL

■ DRIT ALSO PERFORMS DIGITAL EXPANSION, ALLOWING A VGA SIGNAL TO EXPAND INTO A VIRTUALLY NATURAL IMAGE

■ SUPER BRIGHT—OVER 750 ANSI LUMENS WITH GREATER THAN 85% UNIFORMITY

■ REVOLUTIONARY POLARIZED BEAM SPLITTER (PBS) OPTICAL SYSTEM

■ 120W UHP (ULTRA HIGH POWER) PROJECTION LAMP

■ POWER FOCUS AND POWER ZOOM WITH A 1:1.6 ZOOM RATIO THAT CAN ADJUST IMAGE SIZE FROM 20" TO 400" DIAGONAL

■ ULTRA COMPACT SIZE — FOOTPRINT IS SLIGHTLY LARGER THAN A LAPTOP COMPUTER AND WEIGHS ONLY 13LBS.

■ PLUG-AND-PLAY CONVENIENCE WITH AUTO-SET CONTROL OF FINE SYNCH, TOTAL DOT ADJUSTMENT, AND POSITIONING

■ MULTIVOLTAGE, MULTISYSTEM, MULTILANGUAGE FOR THE INTERNATIONAL TRAVELER
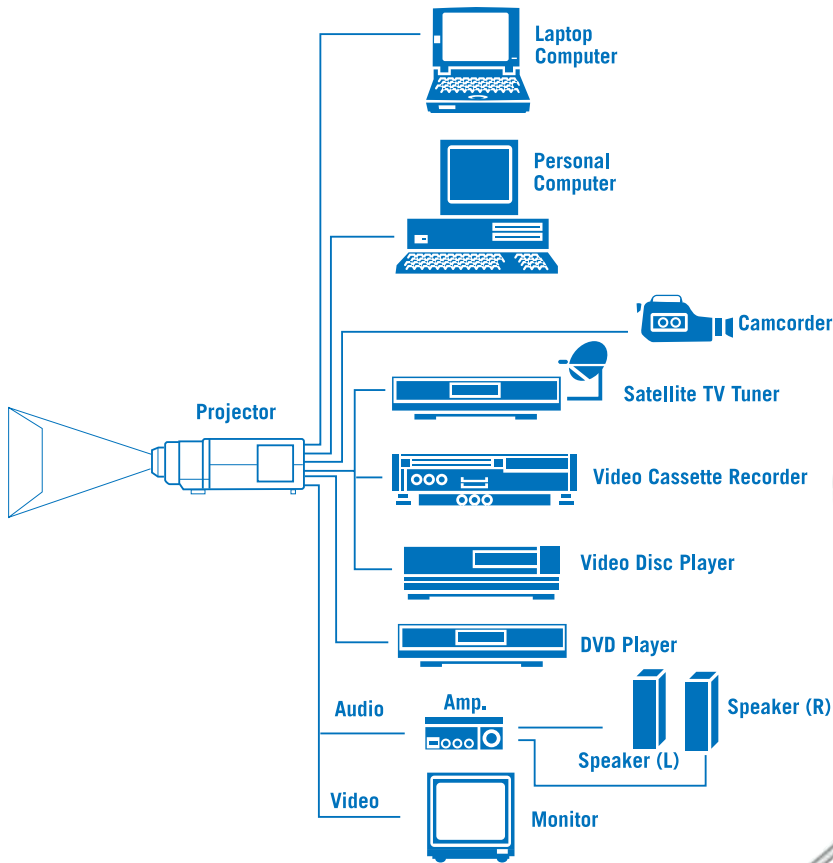
■ 250:1 CONTRAST RATIO, ONE OF THE BEST IN THE INDUSTRY

■ DUAL COMPUTER INPUTS AND MOUSE CONTROLS, S-VHS, AND MORE FOR EXTENDED VERSATILITY

■ REAR-SCREEN AND CEILING-MOUNTABLE CAPABILITIES

■ POWERPAD REMOTE CONTROL WITH EASY-TO-USE GRAPHIC USER INTERFACE (GUI) ON-SCREEN MENUS

■ BUILT-IN DYNAMIC STEREO SYSTEM

SANYO
MULTIMEDIA ProX-II

Laptop Computer

Personal Computer

Camcorder

Satellite TV Tuner

Projector

Video Cassette Recorder

Video Disc Player

DVD Player

Audio   Amp.

Speaker (R)

Speaker (L)

Video

Monitor

TRUE XGA FROM A TRUE PERFORMER, SANYO.

Plug-and-Play Convenience

Operating a projector doesn't come any easier than the PLC-5600N's automatic multiscanning system. This plug-and-play capability virtually eliminates guesswork and setup time. It allows the presenter to concentrate on the presentation and audience, not on the projector and its setup.

The convenient Auto-Set feature automatically and instantly makes all necessary adjustments controlling the fine synch, total dot adjustment, and positioning. Its multiple computer inputs and intuitive graphic user interface (GUI) on-screen menus make transitions between computers completely seamless. There's never any stopping the presentation to switch computers or sources to make adjustments.

SANYO
MULTIMEDIA ProX II

The wireless dual-function PowerPad remote places total control of the presentation in the hands of the presenter. It can be used as a remote to control all projector operations. Plus, through its track pad, it can be used as a mouse to control computer functions.

Perfect for Use Anywhere

Its compact size and tremendous features help make the PLC-5600N the perfect projector for a multitude of locations. It has been specially designed for use in practically any size room: large halls to conference rooms, churches to classrooms, corporate boardrooms to small offices. While its light weight and compact footprint allow it to be easily transported, it is also ideal for fixed installation applications.

Elegant Compression

Sanyo's proprietary Digital Realized Interpolation Technology (DRIT) mathematically and digitally interpolates an image, creating an elegant compression. The resulting image is virtually true and natural.
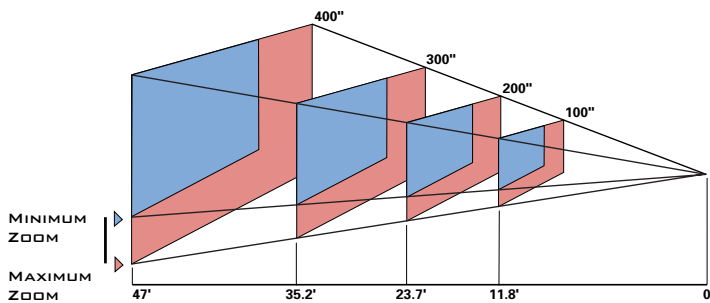
DRIT also allows digital expansion of VGA to SVGA resolution, resulting in a visually accurate image.

Besides DRIT, the PLC-5600N also incorporates digital image panning, which allows noncompressed viewing of XGA images by manipulating the image around the viewing screen.

Minimum Zoom

Maximum Zoom

| 47' | 35.2' | 23.7' | 11.8' | 0 |

Throw Distance and Picture Size

Max. Zoom (inches)	400	300	200	100
Min. Zoom (inches)	250	188	125	62
Throw Dist. (feet)	47	35.2	23.7	11.8

Larger Image in Smaller Area

The PLC-5600N is designed for use in a variety of environments. Its 1:1.6 zoom ratio provides a larger image in a shorter throw distance than most comparable projectors. An image of 20 diagonal inches (approximately the size of many television sets) can be projected from a distance of just 3.6 feet from the screen. At the maximum throw distance of 47 feet, a large 400-diagonal-inch image can be displayed.

Super Bright

With over 750 ANSI Lumens of brightness, this is one brilliant performer, and with this kind of power, there's no more working in the dark. You'll also be pleased with the PLC-5600N's 85% edge-to-edge uniformity. Brightness and picture clarity are no longer limited to the center of the screen, but spread evenly across the entire image area.

This high brightness and uniformity are attained by the revolutionary Polarized Beam Splitter (PBS) optical system and the new 120W Ultra High Power (UHP) lamp in combination with Sanyo's integrator lens system.

Versatility and Compatibility

Versatility is the hallmark of the Multimedia PROX-II projector. Compatible with virtually all computers, the PLC-5600N enables the presenter to run from Macintosh and IBM platforms.

Adding to its versatility is its capability of accepting a variety of video sources, such as S-VHS or VHS VCRs, camcorder, and laser disc player.

Thanks to its dual computer inputs, two mouse control ports (one of which also functions as an RS232 serial port), multiple A/V ports, S-VHS input, and more there's never a problem switching between a presentation's source material, no matter what media are used.

The PLC-5600N will project images in both regular video aspect ratio (4:3) or wide aspect ratio (16:9).
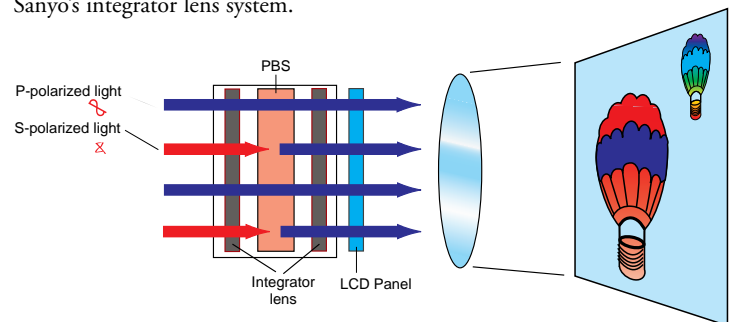

P-polarized light

S-polarized light

PBS

Integrator lens

LCD Panel

PBS transforms all the P-wave, S-wave, and natural light that is emitted from the lamp into P-wave light. This allows effective use of the S-wave light, resulting in a beam that is twice as bright as conventional projectors.

The 120W UHP lamp has a projected life of up to 2000 hours. It offers low power consumption, low heat production, and is superior to metal halide in producing a more consistent brightness over the entire lamp life.

Additionally, the 1,557,504 total pixels (519,168 x 3) and palette of over 16-million colors provide a detailed and lifelike image.

The wireless dual-function PowerPad remote places total control of the presentation in the hands of the presenter. It can be used as a regular remote, easily controlling all operations, and, through its track pad, as a mouse to control computer operations.

A FULLY RETRACTABLE LENS PROVIDES EXTRA PROTECTION DURING STORAGE, SHIPPING, AND TRAVELING.

HAVING TO TRANSITION BETWEEN COMPUTER AND A/V SOURCE MATERIALS WILL NEVER STOP THE PRESENTATION, AS THE PLC-5600N'S INPUT/OUTPUT PANEL FEATURES DUAL COMPUTER INPUTS, DUAL MOUSE CONTROL PORTS, AND MULTIPLE A/V PORTS.

Never Road Weary

Compact and portable, the PLC-5600N excels at travel, whether it's around the world, across country, or just down the hall. For presentations made out of the country, the Multimedia ProX-II comes equipped with many special features that help make it the passport to an outstanding presentation, practically anywhere in the world. These include multivoltage capability (120V or 240V with auto change); multilanguage displays (English, German, French, Italian, Spanish, Japanese), and the four most common A/V color systems (PAL, SECAM, NTSC, NTSC4.3) used.

When it is time to take the show on the road, SANYO offers three optional travel/shipping cases. The selection includes both a soft and hard carrying case, and a lightweight shipping case that meets Air Transportation Association's (ATA) standards. All three pieces meet airline carry-on dimension requirements.

Plus, These Additional Features.

Ceiling Mountable/Rear-Screen Projection
Reversible scan mode allows the PLC-5600N to be suspended from a ceiling or set up behind the screen. Graphics and text are flip flopped (top/bottom or left/right) at the flip of a switch and everything looks and reads correctly.

Stereo Sound
Clean, crisp audio is delivered by the built-in two-watt dynamic-stereo amplifier and 1.5" x 2.8" speakers. External speakers may be included in any presentation through the external stereo speaker jack.

Blue-Screen
When the image source is unplugged or turned off, a blue image is projected on the screen, eliminating irritating video noise.

Warranty
A two-year warranty on parts and labor and 90-day warranty on the lamp cover are included.

SPECIFICATIONS

Brightness	750 ANSI Lumens
Uniformity	Better than 85%
LCD Panel System	1.3" TFT (Thin Film Transistor) Polysilicon Type x 3
Projection System	Polarized Beam Splitter (PBS) Optical System
Panel Resolution	832 x 624
Number of Pixels	1,557,504 (519,168 x 3)
Compression Method	Elegant Compression (Digital Realized Interpolation Technology — DRIT)
Projection Lens	F/2.5-3.2, f=1.85" to 2.95"
Projection Image Size (Diagonal)	Adjustable from 20" to 400"
Throw Distance	3-1/2' to 47'
Contrast Ratio	250:1 (ANSI 100:1)
Horizontal Resolution	750 TV Lines
Lens	Powered Zoom and Focus
Zoom Ratio	1:1.6 (With Maximum Zoom of 400" Diagonal)
Over Scan	3% (H), 3% (V)
Projection Lamp	120W UHP(Ultra-High Power) Projection Lamp
Keystone	8:1
Amplifier	Two-Watt/Channel Stereo Sound System
Speakers	1.5" x 2.8"
Voltage	100-120V AC, 200-240V AC, 50/60Hz
Operating Temperature	41°F to 95°F
Storage Temperature	14°F to 140°F
Remote Control Battery	"AA" x 2
Accessories	PowerPad Remote, AC Power Supply Cord, Computer Cable (VGA), MAC Adaptor, PC Control Cable (Multipole PS2/MAC/Serial), RS-232C Cable, Dust Cover, Owner's Manual
Optional Accessories	1) Soft Carrying Case (Has Area for Laptop and Cables); 2) Hard Carrying Case (Has wheels and Retractable Handle); 3) Shipping Case (ATA) All Cases Meet Airline Carry-on Dimensions

INPUT/OUTPUT	JACKS	SIGNAL LEVELS
Computer Input	HDB15 Terminal (2)	RGB — 0.7 Vp-p, 75 Ohm, Positive HV — TTL, Negative or Positive
Computer Out	HDB15 (1)	RGB — 0.7 Vp-p, 75 Ohm, Positive HV — TTL, Negative or Positive
Computer Audio In	Mini Stereo (2)	
Computer Control Port	Multipole 12 Pin (2)	
AV Input	RCA (1) S-Video (1)	Composite Video — 1.0 Vp-p 75 Ohm "Y" Signal — 1.0 Vp-p, 75 Ohm "C" Signal — 0.28 Vp-p, 75 Ohm
	RCA L/R (2)	400mVrms, Min. 1k Ohm
AV Output	RCA (1)	Composite Video — 1.0 Vp-p, 75 Ohm
	RCA L/R (2)	400mVmrms, Max, 1k Ohm
Ext. Speaker Out	Minipin Jack Stereo (1)	

The PLC-5600N Multimedia ProX-II meets a host of today's graphic output standards.

COMPATIBILITY CHART

SVGA	800 x 600
VGA	640 x 480, 720 x 400, x 640 x 400
MAC 12"	512 x 384
MAC 13"	640 x 480
MAC 16"	832 x 624
PC98	800 x 600, 640 x 480, 640 x 400
RGB Interlaced	NTSC/PAL

COMPRESSED MODE

XGA	1024 x 768
MAC 19"	1024 x 768
PC98	1024 x 768

The PLC-5600N has a footprint of just over one-square foot and weighs only 13 pounds, making it one of the smallest, lightest models in its class.

The PLC-5600N Multimedia ProX-II is just part of SANYO's full line of LCD projectors. To make any presentation more presentable, trust SANYO, the leader in presentation technologies.

SANYO

Presentation Technologies