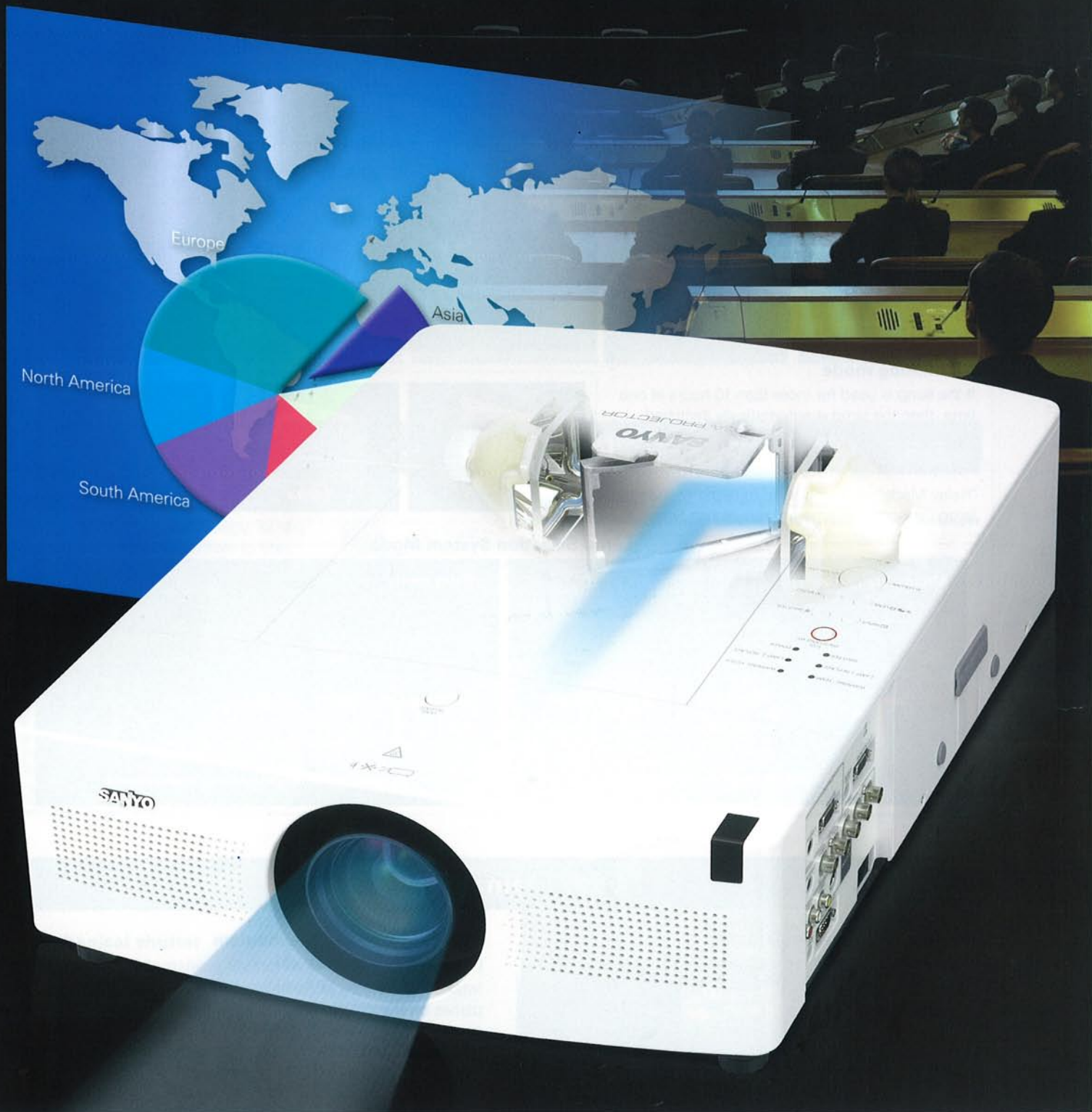


Think GAIA
For Life and the Earth

SANYO

XGA Multimedia Projector

PLC-XTC50L



**The Lamp Selection
System Brings
High Reliability**



Easier maintenance and highly functional projector, It a

High Reliability

**Industry's first^{*1} lamp selection system:
No lamp maintenance necessary for
approximately 6,000 hours^{*2}**

The foundation of 2-lamp model projector has developed with the "high precision optical axis adjustment technology" the technology was further evolved to enable the mirror to automatically select the lamp using a control motor. Lamp selection system makes approximately 6,000 hours^{*2} of projection possible, or twice as long as conventional one-lamp models. When the first lamp is worn-out before the expected time, the lamp selection mirror automatically rotates and the second lamp starts the projection. This will avoid the interruption of the presentation due to the unexpected lamp worn-out.^{*3}

Alternating mode

If the lamp is used for more than 10 hours at one time, then the lamp is automatically switched upon powering up the next time.

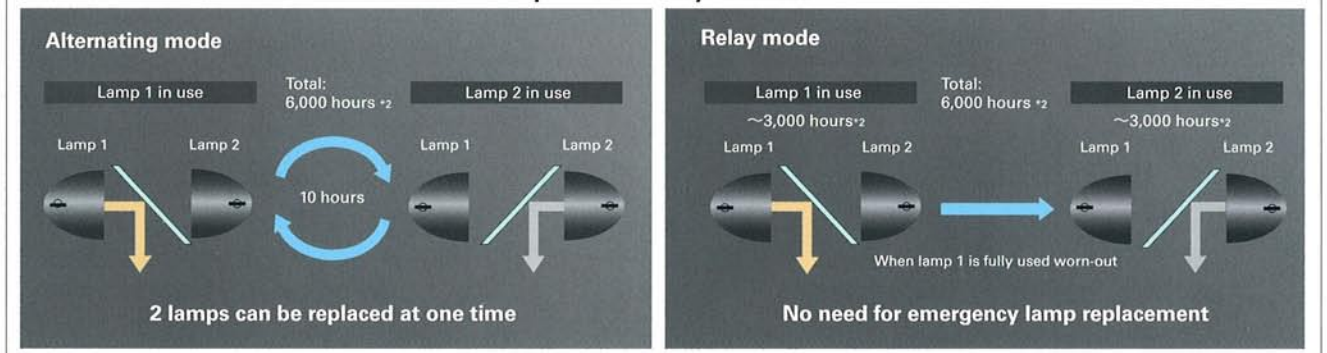
Relay mode

"Relay Mode" uses one lamp to recommended lamp replacement time, then switches lamps.

Lamp Selection System



Lamp Selection System Mode



Easy Maintenance

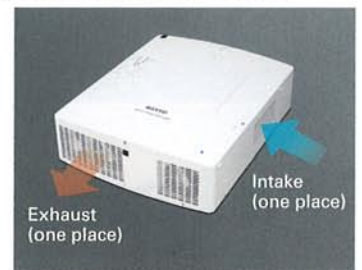
**Active Maintenance Filter (AMF)
Actual use time: Industry's longest at 10,000 hours^{*1}**
(Cartridge cycle: approx. 2 years^{*4})

The filter sensor detects the intake airflow volume, and scrolls a clean filter surface when the filter becomes soiled.



One-Way Cooling Mechanism (Intake x1, Exhaust x1)

Intake and exhaust ports have been eliminated from various places on the projector (such as the bottom surface) and concentrated into one intake and one exhaust, to solve dust-related problems (and improve cooling performance).



Easier Lamp Replacement

Lamp replacement has been simplified to make maintenance easier.

Easy removal and replacement of the lamp from the Top.

Automatically switch lamp.

Versatile Installation

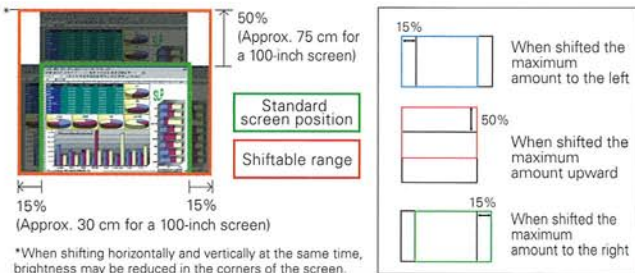
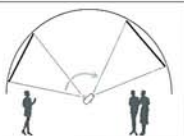
Power Vertical / Horizontal Lens Shift

Featuring both vertical and horizontal lens shift (vertical: 0 to 50 %, horizontal: ± 15 % (maximum)), the PLC-XTC50L enables intuitive operation for easy on-site setup.



Vertical Installation

The PLC-XTC50L can also be installed to project images upward or downward.



Interchangeable Lenses (Option)

The existing XT-series lenses can be used just as they are. Lens removal and attachment are also very easy.



*Lenses are sold as options.

Network Control

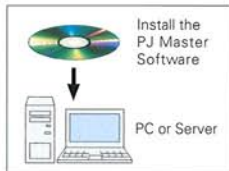
PJ-Net Organizer (option)

To use the PJ-Net technology, simply attach the PJ-Net Organizer to the projector.



PJ Master (option)

The PJ Master software allows centralized control of PJ-Net Organizer-mounted projectors over a network. Install PJ Master on your PC or server.

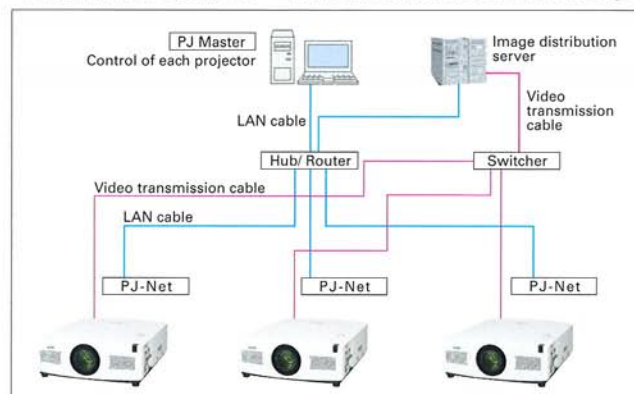


PJ-Net Organizer Usage Example

Projectors connected by the PJ-Net Organizer let you access the following advanced centralized control functions.

*Monitoring the internal temperature of the projector *Notification of lamp-related information (e.g. malfunction, operating hours, etc.) *Comprehensive management of network-connected projectors *Database applications for all acquired data

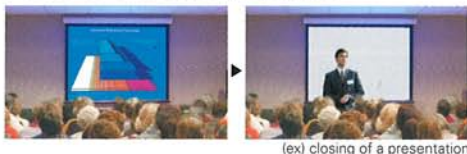
- Network Capture Function
- Web-based Management
- Network Viewer Function
- E-mail Alert Function Sends Messages



Useful Features

Mechanical shutter

There's also a Mechanical Shutter System which is popular for a variety of elite professional uses. The amazing PLC-XTC50L fills the needs of a host of demanding business venues including meeting, entertainment and promotional applications. It's a super nova in a star-studded selection of SANYO Portable projectors.



Silence Design (32.0 dB, in ECO1 mode)

The operating noise is hardly noticeable even in quiet settings like conference or AV rooms.

Built-in Test Pattern

Makes on-site setup easier by serving as a guide for setting adjustments. (Includes a total of 8 built-in patterns.)

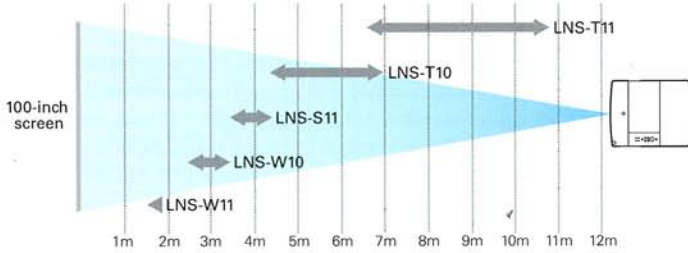


XGA Multimedia Projector
PLC-XTC50L
 Brightness of 5,000 lumens

Major Options

Optional Lenses

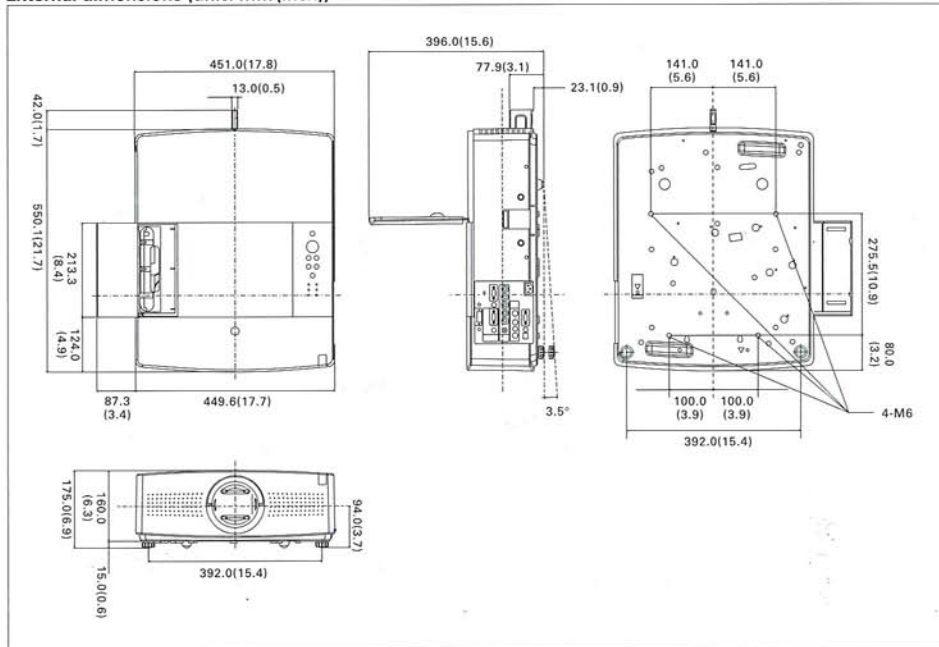
Part Number	LNS-W11	LNS-W10	LNS-S11	LNS-T10	LNS-T11
Type	Wide Fixed Lens	Wide Zoom Lens	Standard Zoom Lens	Long Zoom Lens	Long Zoom Lens
Image					
Throw Distance	0.8 : 1	1.2-1.6 : 1	1.6 - 2.1 : 1	2.1-3.4 : 1	3.4 - 5.4 : 1
Focal Length	16.51 mm(0.7")	25 - 33 mm(1.0-1.3")	33 - 43 mm(1.3-1.7")	43 - 69 mm(1.7-2.7")	69.1 - 109.2 mm(2.7 - 4.3")
Lens Shift U/D	1 : 1	10 : 0 - 1 : 1	10 : 0 - 1 : 1	10 : 0 - 1 : 1	10 : 0 - 1 : 1
Lens Shift L/R	1 : 1	13 : 7 - 7 : 13	13 : 7 - 7 : 13	13 : 7 - 7 : 13	13 : 7 - 7 : 13
Motor Driven	No	Yes	Yes	Yes	Yes
F Value	2.3	2.3 - 2.6	1.7 - 2.1	2.0 - 2.6	2.1 - 2.52
Net Weight	1.0 kg(2.2 lbs)	0.95 kg(2.1 lbs)	0.825 kg(1.8 lbs)	1.0 kg(2.2 lbs)	1.1 kg(2.4 lbs)



Throw distance (unit: m(feet))

Unit	LNS-W11		LNS-W10		LNS-S11		LNS-T10		LNS-T11	
	Fixed	Wide	Wide	Tele	Wide	Tele	Wide	Tele	Wide	Tele
40"	-	1.0(3.3)	1.3(4.3)	1.3(4.3)	1.7(5.6)	1.7(5.6)	2.8(9.2)	2.8(9.2)	4.3(14.1)	4.3(14.1)
60"	0.96(3.15)	1.5(4.9)	1.9(6.2)	2.0(6.6)	2.5(8.2)	2.5(8.2)	4.2(13.8)	4.2(13.8)	6.4(21.0)	6.4(21.0)
80"	1.29(4.23)	2.0(6.6)	2.6(8.5)	2.6(8.5)	3.4(11.2)	3.4(11.2)	5.6(18.4)	5.6(18.4)	8.6(28.2)	8.6(28.2)
100"	1.63(5.35)	2.5(8.2)	3.3(10.8)	3.3(10.8)	4.3(14.1)	4.3(14.1)	7.0(23.0)	7.0(23.0)	10.8(35.4)	10.8(35.4)
150"	2.48(8.14)	3.8(12.5)	4.9(16.1)	5.0(16.4)	6.5(21.3)	6.5(21.3)	10.6(34.8)	10.6(34.8)	16.3(53.5)	16.3(53.5)
200"	-	5.1(16.7)	6.6(21.7)	6.7(22.0)	8.7(28.5)	8.7(28.5)	13.1(43.0)	13.1(43.0)	21.7(71.2)	21.7(71.2)
250"	-	6.3(20.0)	7.6(24.9)	8.4(27.6)	10.0(32.8)	10.0(32.8)	13.1(43.0)	13.1(43.0)	27.2(107.0)	27.2(107.0)
300"	-	-	-	-	10.0(32.8)	10.0(32.8)	13.1(43.0)	13.1(43.0)	20.3(66.6)	20.3(66.6)

External dimensions (unit: mm (inch))



Specifications

Product Number	PLC-XTC50L	
System	RGB liquid crystal shutter protection system	
Optical System	Dichroic mirror separation / Prism synthesis system	
LCD Panel	Size	1.0 inch x 3, Aspect Ratio 4:3
	Drive System	Polysilicon TFT Active Iris
	Pixel Count	786,432 (1024 x 768) x 3, Total pixels 2,359,296
Pixel Array	Stripe	
Projection Lens	Lenses sold separately	
Light Source	330 W NSHA Lamp (1 lamp + 1 lamp)	
Screen Size (Projection Distance)	Minimum 30" - Maximum 300" (Projection distance differs by lens)	
Color Reproducibility	Full color (16.77 million colors)	
Brightness*1	5,000 lumens	
Uniformity	90 %	
Contrast Ratio*2 (Full On/ Full Off)	1,100:1	
Sound Output (Speakers)	3.0 W + 3.0 W Stereo Speakers (5 x 9 cm x 2)	
Scanning Frequency	Horizontal: 15-100 KHz, Vertical: 50-100 Hz, Dot Clock: 140 MHz or less (analog)	
Resolution (resizing) (When using RGB signal)	1024 x 768 (UXGA dot resizing possible)	
Terminals	PC Input/ Output	Analog RGB input x 1; Mini D-sub 15-pin x 1, BNC 5-type x 1 Digital video input (x 1); DVI-D x 1 Analog RGB output x 1; Mini D-sub 15-pin x 1 Audio input x 2; Stereo mini-jack x 2 (Computer/ Component)
	Video/ Audio Input/ Output	Video x 3; RCA input, BNC 3-type (same as PC input terminal), S-Video Audio input x 2; RCA-type x 2 Audio monitor output x 1; RCA (can be used with either computer or video)
	Controller input/ output, and other	Service port; Mini DIN 9-pin x 1 (for service-use) USB Connector x 1 (B Series) Wired remote control port; Mini-jack x 1 P.J Net Organizer Connector x 1
Operating Temperature	5 - 40 °C	
Power Source	AC 100 - 120 V, AC 200 - 240 V (±10 % °C), 50/ 60 Hz	
Power Consumption	550 W, 440 W in "Eco1" lamp mode (Standby: approx 20 W)	
Dimensions (W x H x D)	451.0 x 175.0 x 550.1 mm (17.8 x 6.9 x 21.7 inch)	
Weight	14.7kg(32.4lbs)	
Main Accessories	Wireless remote control (AAA battery x 2), Removable power cord, USB cable, Computer cable, Owner's manual (Quick manual, CD-ROM), PIN code-locking seal	

Replacement Lamp type No: POA-LMP125610 342 2626

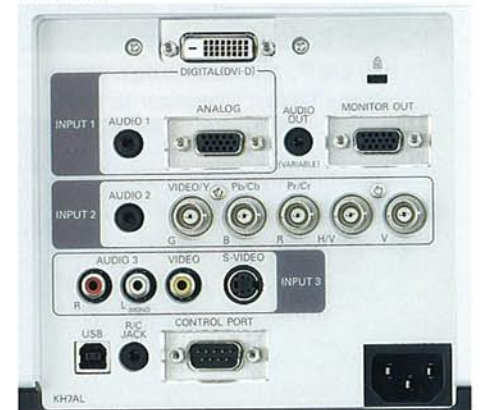
*1 Brightness when using the LNS-S11 lens

*2 Figures shown are as of the time of shipping, and listed in accordance with pattern for data projectors JIS X 6911-2003. Measurement method/measurement conditions are based on appendix 2.

* Specifications as of November 6, 2008, subject to change.

* All product names and company names are trademarks or registered trademarks of their respective companies.

Terminals



All products manufactured by the Projector Division of SANYO's Digital System Company employ a quality management system that has undergone the inspection and registration process of the ISO 9001:2000 international standard.



SANYO's Digital System Company has received ISO 14001 certification for the environmental management system used in its factory.

<http://www.sanyo-lcdp.com/>

Caution: Please consult the instruction manual to ensure safe and proper operation of the product.

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Pixelworks ICs are used in this projector

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Digital System Company

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