Ultra Portable Projector

SANYO

PLC-XU4000

Compact and Low power consumption for education & business

3LCD
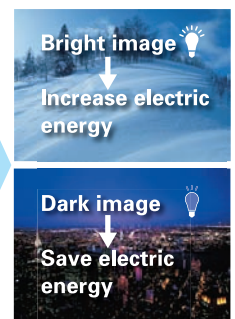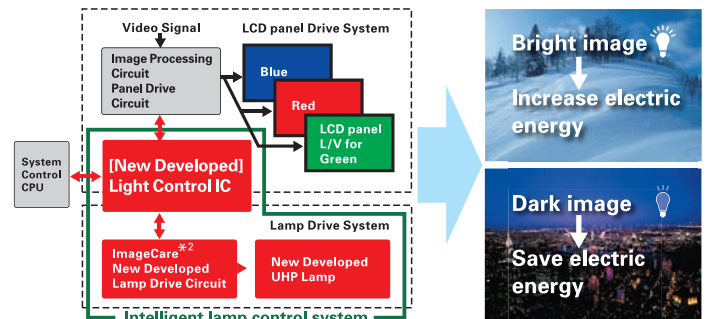
XGA | 4,000lm

Reduced Power Consumption
69% less than conventional model*¹

Intelligent lamp control system

Equipped with the world's first "intelligent lamp control system" based on a combination of the newly-developed "lamp control" and "color shift correction technologies".By automatically adjusting the lamp output *¹ in accordance with the brightness of the projected image, the newly-developed "lamp control" technology greatly expands the lamp control (brightness adjustment) range, while at the same time reducing the power consumption by up to 69% compared to conventional model*¹ and achieving a high contrast of 2000:1.The "color shift correction" technology maintains color reproducibility by performing real-time corrections of color balance (red (R), green (G), blue (B)) shifts which occur at low lamp outputs resulting from the power consumption reduction.Moreover, in addition to the "AUTO" adjustment mode, "Normal", "Eco1", and "Eco2" modes are also available to enable the optimal projection brightness for any occasion.

*1 SANYO conventional model: PLC-XU101

Lamp control circuit

Video Signal | LCD panel Drive System

Image Processing Circuit
Panel Drive Circuit

Blue
Red
LCD panel L/V for Green

System Control CPU

[New Developed] Light Control IC

Lamp Drive System

ImageCare*² New Developed Lamp Drive Circuit

New Developed UHP Lamp

Intelligent lamp control system

Bright image → Increase electric energy

Dark image → Save electric energy

Newly-developed "Intelligent lamp control technology" using low-power driving lamp and lamp drive circuits (Image Care*²) as well as the light control IC achieved improvements in both power consumption and image contrast
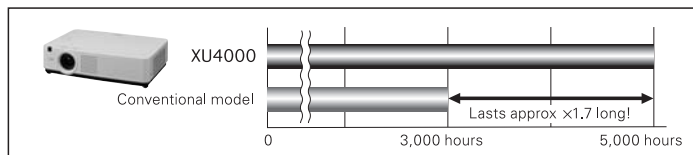
*2 "Image Care" is trademark of Royal Philips Electronic

Long-life lamp

Lamp life in Eco mode has been extended to 5,000 hours*1, twice as long as the conventional model*2. A longer lamp replacement cycle means lower running costs.

*1 The lamp replacement cycle is an estimate, not guaranteed. It is subject to change according to the use conditions.
*2 Conventional model : PLC-XU101

XU4000
Conventional model

Lasts approx ×1.7 long!

0   3,000 hours   5,000 hours

Long-life filter

Offering long periods of maintenance-free use, without the need for filter replacement only after approximately 5,500 hours*3. Three - layered filters are installed in 2 places of the body.

*3 Calculated through the company's independent test in reference to the JIS D0207 test method.
   When Lamp control "Eco mode" is selected. The filter replacement period is an estimate.

10W Speaker

XU4000 with a high-output 10-watt speaker that produces clearer sound even in large spaces such as conference rooms and classrooms, the XU4000 can be used for multimedia presentations without the need for any external speakers or extra equipment. Sound from the microphone input can be output from the internal speaker.

* Microphone input: AUDIO IN (COMPUTER)
* Compatible with wired microphone (dynamic microphone), not compatible with plug-in-power system

Wired LAN (RJ-45) for projector control

This model is equipped with Wired LAN (RJ-45) that allows you to manage and control projector via Network. It is possible to check the operating time of lamp and manage the warning notification by Email. Power ON/OFF and switching of input signal can be controlled. You can save a lot of time about manage and control.

* images cannot be transmitted via network

Easy Setup Function

'Auto Input Signal Search' function automatically performs the projector input settings 'Auto Vertical Keystone Correction' function* automatically eliminates vertical distortion.'Guidance Function' displays connection instructions on the projection screen when no signal is detected, enabling easy setup even for the novice users

* Vertical keystone correction (Auto:±20 degree,Manual:±30 degree)

Direct Power off Function

The projector can be turned off by unplugging the cable without pressing the power button.

Other Features

- PJ Link compatibility
- 20-Language on-screen menu
- Custom startup logo
- No show
- Freeze
- Presentation timer
- Closed caption (NTSC)

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 international standard.

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

Pixelworks ICs are used in this projector

http://sanyo.com/projector/

Throw Distance : unit (m,ft)

Zoom/Focus	x1.2/Manual			
Focal lenght (mm/inch)	22.3-26.8 / 0.88-1.06			
F value	1.6-1.76			
Projection light axis	9:1			
Throw Ratio	1.73 - 2.08 : 1			

		m		ft	
Inch	W x H (m)	Wide	Tele	Wide	Tele
40"	0.8x0.6	1.4	1.7	4.6	5.5
60"	1.2x0.9	2.1	2.5	6.9	8.3
80"	1.6x1.2	2.8	3.4	9.2	11.1
100"	2.0x1.5	3.5	4.2	11.6	13.9
120"	2.4x1.8	4.2	5.1	13.9	16.7
150"	3.0x2.3	5.3	6.4	17.4	20.9
200"	4.1x3.0	7.1	8.5	23.2	27.8
300"	6.1x4.6	10.6	12.7	34.8	41.8

·Approximate projection distances are calculated based on lens specifications.Individual lenses may diverge from
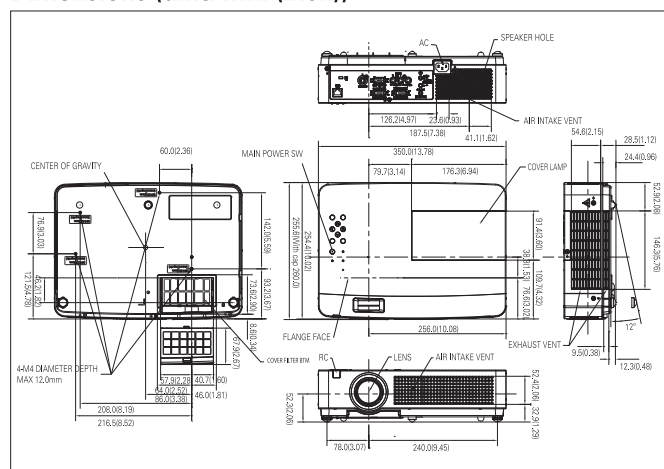
Specifications

Model name	PLC-XU4000
Panel	0.63 inch TFT p-Si x 3 inorganic Aspect Ratio 4:3
No. of pixels	2,359,296 (1024x768x3 dots)
Lamp wattage	245W
Brightness (typical)*1	4000 lm
Contrast*1	2000 : 1
dB Rating*1	29.0 (eco mode)
Uniformity *1	85% (corner to center)
Projection lens	F1.6 - 1.76, f=22.3 - 26.8mm
Screen size	40 inch - 300 inch 1.4 m - 12.7 m (4.6 - 41.8 ft)
Zoom / Focus	1-1.2 Manual driven U:D = 9:1
SD / HDTV signals	480i, 480p, 575i, 575p, 720p and 1080i
Color systems	PAL / SECAM / NTSC / NTSC4.43 / PAL-M / N
Video Signal	S-Video, Composite, Dsub-15pin for Component
VideoTerminal	S-Video:mini Din 4pin, Composite:RCA, Component:Dsub-15pin
Computer compatibility	True XGA up to WUXGA(compression)
Computer Terminal	Dsub-15 x 2 for Input or Monitor out
Audio Terminal	RCA (L/R) for Video Input, Mini-Jack x 2 (Stereo) for Computer Input Mini-Jack (Stereo) for output (variable)
Communication Terminal	Dsub-9 for Control Port (RS-232C), RJ-45 for LAN
Other Feature	Progressive, 3-2 & 2-2 pull down, LTI & CTI,*2
Scanning frequency (input)	H / V sync 15 - 100 kHz / 50 - 100 Hz Dot clock 140 MHz
Sound output	10 W Mono
Voltage	100 V-240 V AC (auto voltage)
Power consumption	100-120 V AC: 184W(Eco2) / 226W(Eco1) / 322W(Normal)
	200-240 V AC: 178W(Eco2) / 216W(Eco1) / 307W(Normal)
Standby power consumption	100-120 V AC: 0.5W(Eco) / 6.2W(Network)
	200-240 V AC: 0.9W(Eco) / 7.6W(Network)
Dimensions (W x H x D)	350.0 x 87.5 x 254.4 mm (13.8 x 3.4 x 10.0 inch) (not including protruding parts)
Weight	3.3 kg (7.3lb)
Included accessories	Quick reference guide, Owner's manual (CD-ROM), CD-ROM read me note, PIN code label, Computer cable (Dsub15-Dsub15), Remote control, AAA Battery x 2, Strap for Lens cap,Soft carring bag

* Replacement Lamp Type No:POA-LMP148
*1 Average overall value for product at time of shipment.
Specifications are presented using the JIS X 6911: 2003 Data Projector Specifications Format. Measurement methods and conditions are based on Appendix 2 of the standard.*2 Luminance Transient Improvement (LTI) and Color Transient Improvement(CTI) sharpen the detail.Product and company names are the trademarks or registered trademarks of their respective companies.

Dimensions (unit: mm (inch))

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

Distributed by:

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