SAIYO

**Micro Portable
Multimedia LCD Projectors**

**PLC-XW15
PLC-SW15**

Bright9
Professional
B5 FileSize

ISO
9001

THE MOBILE PROJECTOR

SF-1569MT

Bright, Professional B5-File Size
Go Everywhere,
Present Anywhere.

With a SANYO Micro Portable Multimedia
Projector, it is now possible to get professional
presentation features in an ultra compact, light
body. Weighing as little as 2.5 kg* and no larger
than a B5-size file, these projectors are your
number one choice whether you're presenting in
the room next door or in a boardroom overseas.
And wherever you present, your images will come
out extremely bright and faithful. SANYO Micro
Portable LCD Projectors. Made for business trips.
Built for professional presentations.

*PLC-SW15. PLC-XW15 weighs 2.6kg.

Professional B5-File Size.

Powerfully Bright, Light and Quiet

Lightweight and Compact with XGA Real Projection

The compactness of SANYO Micro Portable Multimedia Projectors is the direct result of advanced optical technology. The B5-file size body weighs as little as 2.5kg* yet delivers professional performance. For example, the three 0.7" TFT Active Polysilicon LCD panels of the PLC-XW15 deliver high-resolution XGA projection at 1024 x 768 dots for a total of 2,359,296 pixels. The SVGA-resolution PLC-SW15 features three 800 x 600 dot panels for a total of 1,440,000 pixels.

'PLC-SW15. PLC-XW15 weighs 2,6kg.

High Brightness

A high-illuminating, short arc UHP lamp and the three 0.7" TFT Active Polysilicon LCD panels with high aperture ratio combine to produce a really bright picture from such a compact body, with on-screen brightness as high as 850 ANSI lumens (PLC-SW15)[1]. High-quality projection, corner to corner, is achieved with a newly developed integrator lens that balances colour and brightness. The Hybrid Projection Lens system delivers F2 to F2.3 (PLC-SW15)[2].

[1] PLC-XW15: 800 ANSI lumens. [2] PLC-XW15: F1.7 to F1.9.

Ultra High Power (UHP) lamp

Integrator lens

Quiet Operation for Smooth Presentation

Projector fan noise can be distracting, but these SANYO projectors operate at a whisper quiet 39 dBA. Sudden bursts of operating noise are eliminated by the Fan Operation Linear Control System, which uses information relayed from a built-in thermo sensor to regulate fan operation.

Professional, Highly Detailed Images

Faithful Reproduction of the Original Colours

To reproduce highly detailed and bright images, it is essential to have high-resolution LCD panels. These projectors employ three 0.7" TFT Active Polysilicon LCD panels. Light from the UHP lamp is divided into the three colours of the RGB spectrum, then projected separately onto each panel and combined to create high-fidelity, colourful images.
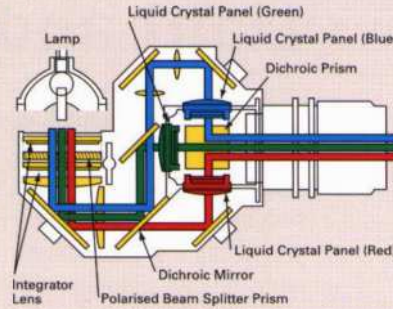
Hybrid Gamma Correction for High Gradation

Combining the best elements of analogue and digital gamma correction for superior gamma correction accuracy, the Hybrid Gamma Correction Circuit adjusts the contrast range of images for superior projection on black or white backgrounds.

SXGA* Compressed Projection with DRIT

SANYO'S Digital Realised Interpolation Technology (DRIT) ensures that the projected image quality is high for SXGA and other input signals which differ from the original resolution of the liquid crystal panels. SANYO'S unique algorithms create clear and crisp projections of VGA spreadsheets and bring out the high details of CAD and CAM graphics.

*PLC-XW15: Dot clock 140 MHz or less.
 PLC-SW15: Dot clock 100 MHz or less.

Labels: Liquid Crystal Panel (Green), Liquid Crystal Panel (Blue), Dichroic Prism, Lamp, Liquid Crystal Panel (Red), Dichroic Mirror, Integrator Lens, Polarised Beam Splitter Prism

DVD and HDTV Projection with Component Inputs

These projectors really shine when it comes to display options. The newly developed Digital RGB Matrix IC makes projection of DVD (Y/Cb/Cr) and HDTV (Y/Pb/Pr) possible.

Multiple terminals Digital RGB Matrix IC

Even Colour and Brightness with AUCC

SANYO'S Automatic Uniformity Correction Controller (AUCC) ensures uniform projection, improving uneven colour and brightness of images, corner to corner.

Features for Enhanced Performance

Wireless Remote Control with Mouse Functions

The remote control functions as a mouse, allowing you to perform computer operations as well as operate the projector. All you have to do is connect your computer to the projector with the cable provided.

Digital Zoom

The digital zoom magnifies the image up to 16 times allowing you to focus on crucial information. SANYO'S original Digital Realised Interpolation Technology eliminates jagged edges on small letters and lines, making highly magnified images appear crisp and clear.

Digital zoom example

Freeze Function
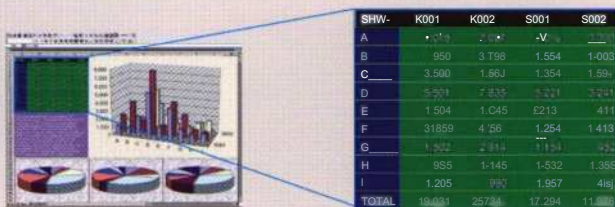
At any time during your presentation, images may be paused and projected as a still image.

No Show Function

This function is ideal when you wish to make a short break in your presentation. You can stop the projector displaying images temporarily.

- **Easy Operation with Graphical User Interface On-Screen Menu**
  Six languages: English, German, French, Italian, Spanish and Japanese
- **One-Touch Adjuster**
  Easy adjustment of projection angle
- **Multi System Video Projection**
  Colour systems: PAL, SECAM, NTSC, NTSC 4.43, PAL-M and PAL-N
- **Upside-Down Ceiling Mounting and Rear Projection**
- **1W Monaural Speaker**
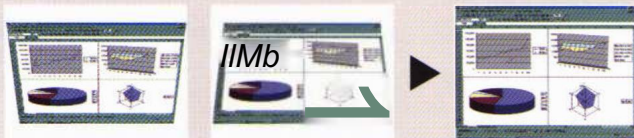- **Audio Output Terminal**

Efficient, Simple Operation

Keystone Correction

Elevating projectors at an angle results in projected images being distorted into a trapezoid shape. Keystone Correction produces undistorted images by digitally altering the projection automatically. *Correction range: Max. ±15°

Zoom and Focus

Subtle adjustments of projected images can be made with the 1.2x zoom and focus. No matter how far away you project from, these projectors will give you high-quality images.

One-Touch Auto Imaging

Incoming computer signals are recognised and the projector automatically selects the best setting. No complicated setup is necessary and projection is always perfect.

MULTIMEDIA PROJECTOR

Actual Size

Photo is PLC-SW15

PLC-XW15 | SXGA Min. DRIT | Multi Color System | 200 inch 34-200 | 2,359,296 pixels 3 panels | 800 ANSI lumens | AUC C | Keystone Correction | 16 times Digital Zoom | Component Input

PLC-SW15 | SXGA Min. DRIT | Multi Color System | 200 inch 30-200 | 1,440,000 pixels 3 panels | 850 ANSI lumens | AUC C | Keystone Correction | 16 times Digital Zoom | Component Input

*1 Dot clock 140 MHz or less. *2 AUCC is Automatic Uniformity Correction Control. *3 Dot clock 100 MHz or less.

Screen Size

Projected images can be adjusted to perfectly match the size of the meeting room. At a short distance of 1.6 metres, you can enjoy a bold 34-inch image, while at the maximum 8-metre distance an amazingly large 200-inch image is produced.

Variable Projection size

Lens shift (ratio of throw distance to brightness) H1 : H2 = Approx. 12 : 1

PLC-XW15
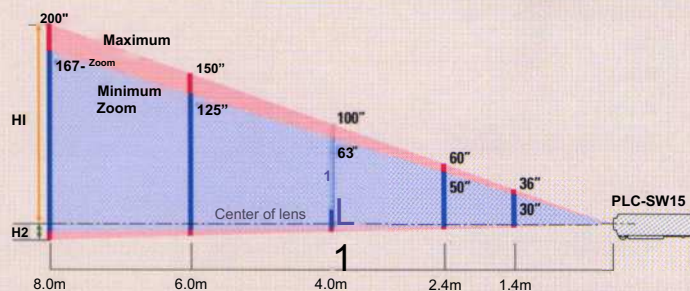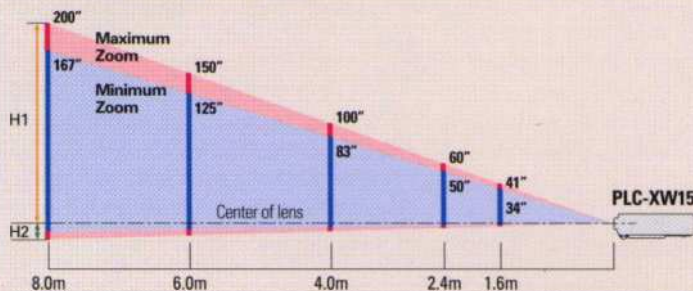
Picture Size		200"	150"	100"	80"	70"	60"	50"	40"	34"
Approx. throw distance (m)	Min. Zoom	—	7.2	4.8	3.8	3.4	2.9	2.4	1.9	1.6
	Max. Zoom	8.0	6.0	4.0	3.2	2.8	2.4	2.0	1.6	—
Height (mm)	H1	2814	2110	1407	1125	985	844	703	563	478
	H2	234	176	117	94	82	70	59	47	40

PLC-SW15

Picture Size		200"	150"	100"	80"	70"	60"	50"	40"	30"
Approx. throw distance (m)	Min. Zoom	—	7.2	4.8	3.8	3.4	2.9	2.4	1.9	1.4
	Max. Zoom	8.0	6.0	4.0	3.2	2.8	2.4	2.0	1.6	—
Height (mm)	H1	2814	2110	1407	1125	985	844	703	563	422
	H2	234	176	117	94	82	70	59	47	35

PLC-XW15/SW15

Specifications

Model number	PLC-XW15	PLC-SW15
Projector type	Micro portable multimedia LCD projector	
Screen size	Adjustable from 34 to 200 inches	Adjustable from 30 to 200 inches
Picture brightness	800 ANSI lumens	850 ANSI lumens
Contrast ratio	300:1	
Horizontal resolution	550 TV lines	
Throw distance	From 1,6m to 8m (100 inches at 4-4.8m)	From 1,4m to 8m (100 inches at 4-4.8m)
Zoom ratio	1:1.2	
LCD panel system	Three 1.75cm (0.7") TFT active polysilicon (with microlens)	
Panel resolution	1024x768 dots (XGA)	800 x 600 dots (SVGA)
Number of pixels	2,359,296 (786,432 x 3)	1,440,000 (480,000x3)
Projection system	X-type prism system	
Projection lens	F1.7 to F1.9, f= 28.8 to 34.5mm	F2 to F2.3, f= 28 to 33.6mm
Projection lamp	132WUHP	
Amplifier	Monaural 1W rms	
Speaker	Single 40 x 30mm	
Keystone correction	12:1 (up/down ratio)	
Dimensions (W x H x D)	189 x 74.5 x 290mm (not including adjustable feet)	
Net weight	2.6kg	2.5kg
Power source	Auto voltage selection	
Power consumption	210W	
Scanning frequency	Automatic frequency control — H/V sync: to 100kHz, to 100Hz. Dot clock: 140MHz	Automatic frequency control — H/V sync: to 80kHz, to 100Hz. Dot clock: 100MHz
Colour systems	PAL, SECAM, NTSC, NTSC 4.43, PAL-M, PAL-N	
Computer terminals	• Computer input (HDB15) • Computer audio input (mini jack) • Computer control port • Component input (video) (Y, Pb/Cb, Pr/Cr) • S-Video input • AV audio input (mini jack) • Audio output (mini jack)	
Standard accessories	• Computer cable • Wireless remote control unit with mouse functions • Lens cover • Mouse control cable (PS/2) • Owner's manual • AC power cord • Soft carrying case	

'SANYO LCD panels are manufactured to the highest possible standards. At least 99.99% of the pixels are effective, however a tiny fraction of the pixels (0.01 % or less) may be ineffective. 'Specifications are subject to change without notice. 'Screen and display images are simulated. 'VGA, XGA and PS/2 are registered trademarks of International Business Machines Corporation. 'Macintosh is a registered trademark of Apple Computer. Inc.

Outer Dimensions (Unit: mm)

290 — 323 (With lens fully extended) — **PLC-XW15**

290 — 308 (With lens fully extended) — **PLC-SW15**

74.5 — 31.0 — 189

*The front feet of the projector can be extended to adjust the angle of the projector image by up to 7.6°.
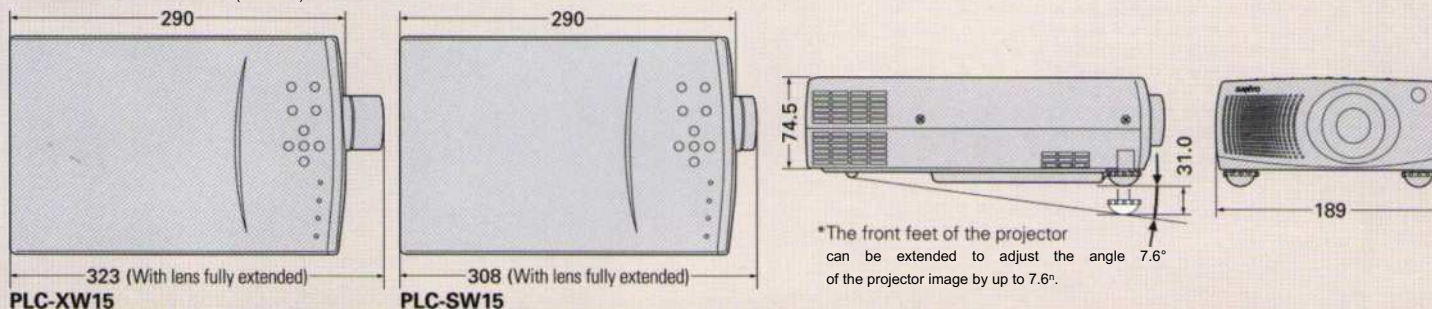
Optional Accessories

Macintosh adaptor **POA-MACAP**	Ceiling mount **POA-CHS701**	Serial port cable **POA-MCSRL**	ADB port cable **POA-MCMAC**

Optional Screens

Model No.	KA-LCV-102SP	KA-LCV-82SP	KA-LCV-101KZ	KA-LCV-81KZ
Screen type	Spring-back roll-up		Free-hanging roll-up	
Picture size	100 inches	80 inches	100 inches	80 inches
Dimensions (W x H)	2,032 x 1,524 mm	1,626 x 1,220 mm	2,032x1,524 mm	1,626x1,220 mm
Gain	1.80	1.80	0.88	0.88
Colour	Pearl	Pearl	White	White
Weight	9.5 kg	7.0 kg	3.7 kg	2.8 kg
Screen support tripod	-	-	2	1

Further details regarding this product can be accessed at
http://www.sanyo.co.jp/AV/index_e.html

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

Distributed by: