SANYO

Ultra Portable Multimedia LCD Projector

PLC-XU35
PLC-XU30
PLC-SU30

PLC-XU31
PLC-SU31

■**External dimensions** (unit:mm)

234.6
230.5 ※1
253 ※2
51.0
15.6
333.0
76.5
5.6
56.6
89.5
101.5
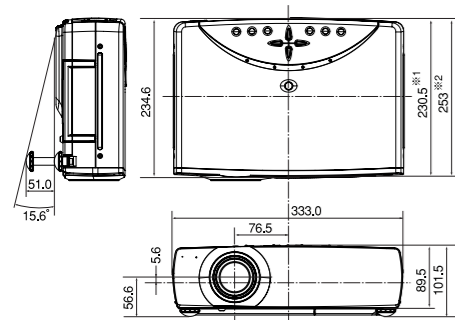
※1 PLC-XU35·XU30·SU30   ※2 PLC-XU31·SU31

■**Approximate throw distance/picture size**

●**PLC-XU35·XU30·SU30**   H1:H2=9:1

12.2m
300"
ZOOM(max) 8.1m
200"
160" 6.5m
230"
ZOOM(min) 4.0m
153" 100"
115" 1.6m
77" 40"
31"

Screen size(inches)	300"	200"	180"	160"	140"	120"	100"	80"	60"	40"
Zoom(min)	16.0m	10.6m	9.6m	8.5m	7.4m	6.3m	5.3m	4.2m	3.1m	2.1m
Zoom(max)	12.2m	8.1m	7.3m	6.5m	5.7m	4.9m	4.0m	3.2m	2.4m	1.6m

●**PLC-XU31·SU31**   H1:H2=9:1

6.9m
300"
ZOOM (max) 200" 4.6m
100" 2.3m
250" 80" 1.8m
ZOOM (min) 167" 60" 1.3m
83" 41" 0.9m
67"
50" 34"

Screen size(inches)	300"	200"	100"	80"	60"	34"
Zoom(min)	—	5.5m	2.7m	2.2m	1.6m	0.9m
Zoom(max)	6.9m	4.6m	2.3m	1.8m	1.3m	—

■**Specifications**

Model number	PLC-XU35	PLC-XU30	PLC-SU30	PLC-XU31	PLC-SU31
LCD panel system	Three 0.9 TFT active matrix type panels				
Optical system	Dichroic mirror separation/prism				
Panel size	Three 0.9-inch panels, 4:3 aspect ratio				
Panel type	Polysilicon TFT active matrix				
Panel resolution	1024 x 768 dots	800 x 600 dots		1024 x 768 dots	800 x 600 dots
Number of pixels	2,359,296 (786,432 x 3)	1,440,000 (480,000 x 3)		2,359,296 (786,432 x 3)	1,440,000 (480,000 x 3)
Pixel arrangement	Stripes				
Projection lens	F1.7 to F2.0, f= 37.4 to 48.3mm, 1x to 1.3x power-driven zoom			F1.9 to F2.1, f= 21.3 to 25.6mm, 1x to 1.2x power-driven zoom	
Keystone correction(max.)	20degree (up/down)			20degree (up/down) 10degree (Right/Left)	
Projection lamp	200W UHP lamp				
Screen size	Adjustable from 31 to 300 inches			Adjustable from 34 to 300 inches	
Throw distance	From 1.6m to 12.2m			From 0.9m to 6.9m	
Picture brightness	2,000 ANSI lumens	1,400 ANSI lumens	1,700 ANSI lumens		
Uniformity	More than 85%				
Contrast ratio	350:1				
Amplifier	1W monaural				
Speaker system	One 40 x 30mm elliptical speaker				
Scanning frequency	H sync: 15-100kHz, V sync 50-100Hz	H sync: 15-80kHz V sync 50-100Hz	H sync: 15-100kHz, V sync 50-100Hz	H sync: 15-80kHz V sync 50-100Hz	
Dot clock	140MHz or less	100MHz or less	140MHz or less	100MHz or less	
Laser spec — Laser type	Class II	—			
Laser spec — Wavelength	650±20nm	—			
Laser spec — Output	1mW MAX	—			
Horizontal resolution	800 TV lines	750 TV lines	800 TV lines	750 TV lines	
Color systems	PAL, SECAM, NTSC, NTSC 4.43, PAL-M, PAL-N				
Computer inputs	●Analog RGB (mini D-sub 15-pin)●Digital RGB (DVI-D) ●Audio (stereo mini jack)			●Analog RGB (mini D-sub 15-pin) ●Audio (stereo mini jack)	
Video inputs	●Three RCA video (Y/Video-Pb/Cb-Pr/Cr) ●S-Video ●Two RCA audio (stereo)				
Other terminals	Control: mini DIN 8-pin & USB (B type) ●Two RCA type external audio outputs (stereo)			Control: mini DIN 8-pin & USB (B type) EXT.SP(8Ω)(1W+1W) ●monitor out	
Operating environment	5 to 35°C				
Rated power supply	100-240V AC, 50/60Hz auto voltage selection				
Power consumption	300W				
Dimensions (W x H x D)	333 x 89.5 x 230.5mm			333 x 89.5 x 253mm	
Net weight	3.9 kg			4.3kg	
Standard accessories	●AC power cord (3m) ●Wireless remote control unit ●Lens cover●Carrying case ●Mouse cable (PS/2) ●Analog RGB cable (DOS/V)				
Optional accessories	Media Card Imager Kit POA-MD07MCl			—	

CAUTION LASER RADIATION DO NOT STARE INTO BEAM MAX. OUTPUT 1mW WAVE LENGTH 650±20nm CLASS II LASER PRODUCT This product is complied with 21 CFR part 1040.10

Further details regarding this product can be accessed at http://www.digital-sanyo.com

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

Distributed by:

SANYO

THE MOBILE PROJECTOR

ISO 9001
JSA
ISO 9001:1994 Registration No. JSAQ 002
JAB QS Accreditation Certificate Number R001

Compact, Mobile Projectors. Super Bright, High-Quality Picture.

2000 ANSI Lumen Picture Brightness & Large Screen Size

The PLC-XU35 features a 200-watt UHP lamp that provides an outstandingly bright light source, and three 0.9-inch polysilicon liquid crystal panels with built-in microlens to enhance on-screen brightness. The result is the remarkably high brightness level for a mobile projector of 2000 ANSI lumens.

*The PLC-SU30/XU31/SU31 achieve brightness levels of 1700ANSI lumens

*The PLC-XU30 achieve brightness levels of 1400ANSI lumens

Stylish Mobile Projectors

The aesthetically pleasing form of these projectors gives you an edge before you even begin your presentation. The magnesium alloy body is not only lightweight for enhanced portability but is also easier to recycle.

User-Controllable 10-Bit Digital Gamma Correction

As well as Standard mode, Cinema mode for movies and Real mode for graphics, there are four user-settable gamma correction preset modes, so you can adjust gradation to suit your preference and screen conditions.

3D Automatic Uniformity Correction Control (AUCC)

The 3D AUCC circuit offers ten times the precision of earlier technology to ensure a more natural-looking picture.

Easier Setup

Adaptable Optical System and Digital Zoom

As well as the 1.3x optical zoom/focus, these projectors feature digital zoom capabilities that allow you to enlarge a portion of the screen by up to 49 times (surface ratio). You can also make the screen image smaller, with maximum compression down to one-quarter size (surface ratio). The effective zoom ratio is approximately 5.2x, allowing you increased flexibility in setup.

*Digital compression for RGB input only. Some picture information may be lost in digital compression.

Fan Control and Front Fan Exhaust Reduce Unwanted Fan Noise

Cooling fan noise can be distracting during presentations. With these SANYO projectors, 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. Also, SANYO has revised the layout of the optical system, bringing the heat exhaust grille to the front of the projector, away from your audience.

Up/down left/right keystone collection※ Correction for More Flexible Positioning

This function removes trapezoidal (keystone) image distortions which occur when the projector is not perfectly perpendicular in relation to the screen. In addition to up/down left/right keystone collection up to ±20°, horizontal correction of ±10° is also possible. This assures a distortion-free picture regardless of the positioning of the projector.

Up/down correction range (±20°maximum)

Left/right correction range (±10°maximum)

* The adjustable range varies in accordance with input signal and zoom power.* After correction, the projected picture becomes smaller than the original image size. ※PLC-XU35/XU30/SU30 are up/down keystone.

Superior Presentation Features

MCI Unit for Computer-less Presentations

You can leave your computer in the office and still make effective presentations thanks to the (optional)※ Media Card Imager. Using the MCI unit utility software, you can convert your computer presentation screen data to image data and download to a PC card.

*BMP or JPEG data formats, SXGA (1280 x 1024) to VGA (640 x 480) resolution.
*MCI unit slot: Compactflash card only (incompatible with SmartMedia and other cards).
*DVI-D port cannot be used when MCI unit is connected.
*Utility software for Windows® 95/98/Me/NT 4.0(SP3.0)2000 only.
*Some picture information may be lost in digital compression.
※PLC-XU35/XU30/SU30

Remote Control with Built-in Laser Pointer※

Make your point more effectively by using the laser pointer built into the wireless remote control unit. An LED shows when the laser is on to prevent unnecessary use.

*This is a Class II laser product which may hurt the eyes. Do not look into the pointer or direct it at other people's eyes during use. ※PLC-XU35/XU30/SU30

Presentation Timer

One press of a button gives you a running clock on the display screen, so you can keep track of time as you speak. This allows you to make the best use of limited presentation time.

Other Useful Features

Freeze Function

At any time during your presentation, images may be paused and projected as a still image. This is ideal if, for example, you do not want your audience to see your next slide.

No Show Function

This function is ideal when you want your audience to focus their attention on you rather than the screen. You can stop the projector from displaying images temporarily.

Other Projector Features

Versatile Input Capabilities

Despite their compact size and light weight, these projectors have a full range of inputs, taking them to the top of their class. The DVI-D port ensures high-definition input from a computer. There is a USB port in addition to the serial port. And for superior video projection, there is a component input for direct high-definition signal projection.

PLC-XU31·SU31

PLC-XU35·XU30·SU30

※PLC-XU35/XU30/SU30

SXGA Compressed Projection with DRIT

SANYO's Digital Realized Interpolation Technology (DRIT) ensures that the projected image quality is high for input signals that differ from the original resolution of the liquid crystal panels. For these projectors, DRIT ensures superior projection from SXGA (1280 x 1024 dots) to VGA (640 x 480 dots). This suits not only notebook computers but also desktop computers too.
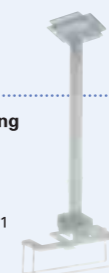
*Some picture information may be lost in digital compression.

■Graphical user interface (GUI) in 11 languages
■Built-in amp & speaker (1W monaural)
■Soft carrying case included

OPTIONS

■Long ceiling mount
POA-CHL901

■Short ceiling mount
POA-CHS901

■MCI Kit
POA-MD07MCI

■Mouse/serial extension cable
POA-MC10

■Shipping case
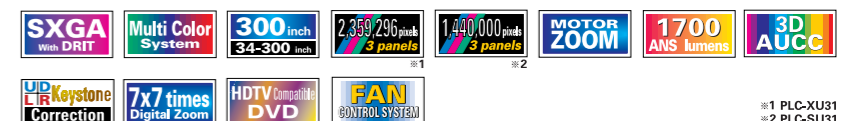POA-CC-XU31

■Mouse/serial control cables
POA-MCMAC   POA-MCSRL

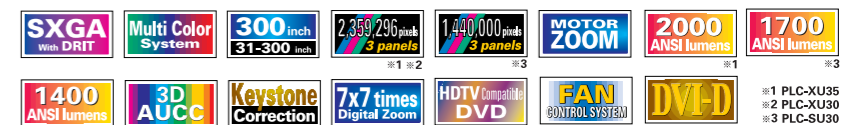### short zoom lens model
Ultra Portable Multimedia LCD Projector

PLC-XU31·SU31

SXGA With DRIT | Multi Color System | 300inch 34-300inch | 2,359,296pixels 3 panels ※1 | 1,440,000pixels 3 panels ※2 | MOTOR ZOOM | 1700 ANSI lumens | 3D AUCC

UID L IR Keystone Correction | 7x7 times Digital Zoom | HDTV Compatible DVD | FAN CONTROL SYSTEM

※1 PLC-XU31
※2 PLC-SU31

standard zoom lens model
Ultra Portable Multimedia LCD Projector

PLC-XU35·XU30·SU30

SXGA With DRIT | Multi Color System | 300inch 31-300inch | 2,359,296pixels 3 panels ※1・2 | 1,440,000pixels 3 panels ※3 | MOTOR ZOOM | 2000 ANSI lumens ※1 | 1700 ANSI lumens ※3

1400 ANSI lumens ※2 | 3D AUCC | Keystone Correction | 7x7 times Digital Zoom | HDTV Compatible DVD | FAN CONTROL SYSTEM | DVI-D

※1 PLC-XU35
※2 PLC-XU30
※3 PLC-SU30

The
Mobile
Projector

Clear, attractive projection in bright places.
A big, bright screen that's right for business.
Crisp, sharp images for convincing presentations.

presentation

mobile

setting free

2000ANSI lumen[*] brightness ensures a big, beautiful picture that's easy to view even in bright locations. These compact, lightweight mobile projectors fit into a business bag so you can carry them easily wherever you need them. And the stylish body design creates a good impression before you even begin your presentation.

Big, bright screen images. Greater mobility. Superior styling.

All good reasons to choose a SANYO LCD projector.

※PLC-XU35