

# PLC-XU31/SU31

XGA and SXGA Ultraportable  
Multimedia Projectors



### SHORT ZOOM LENS

The PLC-XU31/SU31 projector comes equipped with a short zoom lens capable of producing a 100" diagonal image from a distance of 7.5' to 9.0'. Featuring a D-Sub15 monitor output for connection to an external monitor, and USB connectivity, this unit is perfect for classroom environments.

### DIGITAL PROGRESSIVE SCANNING

Proprietary SANYO digital progressive scanning doubles the video information being sent to the projector, substantially increasing video-image detail and resolution. Each pixel is monitored using SANYO's original motion detection algorithm to ensure increased vertical resolution and crisper moving images.

### DIGITAL REALIZED VIDEO SCALING

SANYO's advanced digital signal processing circuit and automatic color correction circuit together ensure the highest color accuracy possible and dramatically enhance image-edge detail.

### COMPONENT VIDEO INPUTS

The PLC-XU31/SU31 comes with component video inputs and a newly developed Digital RGB Matrix IC that makes projection of DVD (Y/Cb/Cr) and HDTV (Y/Pb/Pr) possible.

### HDTV COMPATIBLE

The PLC-XU31/SU31 is High Definition Television Compatible, accepting the 1080i, 1035i, 720p, 575p, 575i, 480p and 480i HDTV resolution standards.

### DIGITAL KEYSTONE CORRECTION

SANYO's digital keystone correction feature compensates for angled projector placement by digitally altering the pixels to produce undistorted images. Sanyo's new X-Y keystone correction adjusts in both the vertical and horizontal plane.

### WHISPER QUIET FAN

The PLC-XU31/SU31 employs a new Whisper Quiet fan which produces an amazingly low noise level of only 37 dBA.

# SANYO

PRESENTATION TECHNOLOGIES

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## Specifications

Resolution	XGA (1024 x 768) – PLC-XU31 SXGA (800 x 600) – PLC-SU31
Brightness (typical)	1700 ANSI Lumens
Uniformity	85%
LCD Panel System	0.9" TFT Poly x 3
Number of Pixels	2,359,296 (786,432 x 3) – PLC-XU31 1,440,000 (480,000 x 3) – PLC-SU31
Contrast Ratio	350:1
Projection Image (diagonal)	34"-300"
Aspect Ratio	4:3
Throw Distance	3.0'-22.6'
Zoom/Focus	Powered (1:1.2 zoom)
Up/Down Ratio	9:1
Digital Keystone Correction	Vert +/- 20°, Horiz +/- 10°
Projection System	Polarized Beam Splitter optical system
Projection Lens	F1.9-2.1 / 10.8"-1.0"
Lens Throw Ratio	1.15-1.38:1
Projection Lamp	200W UHP
Scanning Frequency	H 15-100KHz; V 50-100Hz
Dot Clock	140 MHz
Color System	PAL/PAL-M/PAL-N/SECAM/NTSC/NTSC4.43
Computer Compatibility	SXGA, XGA, SVGA, VGA – PLC-XU31 SXGA, XGA, SVGA, VGA – PLC-SU31
Sound Output	One-piece, 1-watt Mono
Voltage	100-240V AC; 50/60/Hz (auto sense/select)
BTU Rating	1024 BTU
dB Rating	37.0
Power Consumption	300W
Dimensions (WxHxD)	13.1" x 3.5" x 10.0"
Net Weight	9.5 lbs.
User Maintenance	Clean air filters, replace lamp assembly
PC Input Terminals	D-Sub15 • Audio Mini-jack (stereo)
Video Input Terminal	Component RCA x 3 (Y/Video, Pb/Cb, Pr/Cr) S-Video (mini-DIN 4-pin) Audio RCA x 2 (R, L-mono)
Output Terminal	D-Sub15 • Ext. speaker (stereo minijack x 1)
Control Port Terminal	Mini DIN 8-pin • USB type B
Included Accessories	Wireless remote control with mouse pad • 2 AA batteries • Owner's manual • VGA computer cable • PS/2 control cable • Lens cap • Soft carry bag • AC power supply cord
Optional Accessories	• Serial Control Cable (POA-MCSRL) • ADB Control Cable (POA-MCMAC) • MAC/VGA adapter (POA-MACAP)
Warranty	Three years parts and labor; 90 days lamp; Quick Repair Program under warranty

Because its products are subject to continuous improvement, SANYO reserves the right to modify product design and specifications without notice and without incurring any obligations.



I/R Remote Control  
w/ Mouse Pad



Input / Output Terminals