



PLC-XU55/XU50

PRODUCT SPECIFICATIONS

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Sanyo Electric Co., Ltd.
AV Solutions Company
Projector Business Unit
Product Planning Department

FEATURES

1. True XGA mode
Compressed SXGA mode
DRIT (Digital Realized Interpolation Technology) for Digital Zoom mode
HDTV 1080i/1035i/720p compatible
2. DVI with HDCP
3. AMSS (Automatic Multi Scanning System)
4. Color Systems NTSC/PAL/SECAM/NTSC4.43/PAL-M&N
5. 10bit Digital Gamma Collection
6. Progressive scanning (480i/575i)
7. Picture Image Select (Standard, Real/Cinema, Image1-4)
8. Auto PC Adjust for Total dots, Fine sync and Position
9. Adjustable up to 300-inch (762cm) diagonal screen size
10. Manual Zoom / Focus
11. Built-in Audio amplifier and Speaker
12. Digital Zoom (about Mini. 50%, Max. x16 for XGA mode)
13. Digital Keystone correction (Maximum: V. +/- 40 degrees H. +/- 20 degrees)
14. Picture Reverse Scan (Left/Right and Top/Bottom)
15. Blue Back Display
16. No Show mode
17. Picture Freeze
18. Presentation Timer
19. Power Management with time set
20. Audio Mute
21. Display ON-OFF
22. Start on screen Logo display with display ON-OFF and customized Logo
23. Graphical User Interface
24. Multi-Language OSD (English / German / French / Spanish / Italian / Portuguese)
(Dutch / Swedish / Chinese / Korean / Russian / Japanese)

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25. Wireless Remote Controller with Mouse control and Laser pointer
 26. OSD Pointer & Spotlight
 27. Image Elevation adjustment
 28. Easy Lamp Replacement
 29. User Cleaning Air Filter
 30. Detachable AC Power supply cord
 31. World Wide Range Voltage
 32. Auto Fan Control
 33. Lamp mode selection (Auto / Normal / Eco)
 34. Optional Multi Card Imager for LAN/Wireless LAN manager and Viewer

SPECIFICATIONS

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|----------------------------------|---|
| 1. Projector type: | Ultra portable LCD Multi-media Projector |
| 2. Color system: | NTSC/PAL/SECAM/NTSC4.43/PAL-M&N |
| 3. Computer compatibility: | SXGA (Compression) / XGA / SVGA / VGA |
| 4. Screen size (diagonal): | Adjustable from 40" to 300" |
| 5. Throw distance: | 3.3ft – 25.3ft *8.3ft to 12.6ft at 100" |
| 6. Brightness: | XU55: 2500 ANSI lm for market announce
XU50: 2000 ANSI lm for market announce
Eco mode 73% of Normal
Uniformity 85% |
| 7. Contrast ratio (Full ON/OFF): | 400:1 (Lamp mode: Auto) |
| 8. LCD panel: | 0.79" Polysilicon TFT active matrix type
with micro lens for XU55 |
| 9. Number of pixels: | 786,432 x 3 (H1024 x V768) |
| 10. Projection system: | Dichroic mirror and Prism system with PBS |
| 11. Projection lens: | F1.7 – 2.5, f = 0.79" – 1.18"
Manual zoom and focus |

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|---------------------------------|---|
| 12. Lens shift (U/D ratio): | 9 : 1 |
| 13. Projection lamp: | 200W UHP / Eco mode 150W |
| 14. Speaker: | 2.8cm 1pce |
| 15. Amplifier (main): | Monaural 1W rms (T.H.D 10%) |
| 16. Image elevation adjustment: | Up 11.8 degrees |
| 17. Dimensions: | 11.7(W) x 2.8(H) x 8.6(D) inch
*Not including leg and lens |
| 18. Net weight: | 6.2 lbs |
| 19. Package: | Single carton |
| 20. Packaged dimensions: | 16.5(W) x 13.4(H) x 14.4(D) inch |
| 21. Packaged weight: | 13.5 lbs |
| 22. Rating power supply: | 100 - 120V/200 - 240V AC, 50/60Hz |
| 23. Power consumption: | 270W / Eco mode 196W
Standby: 11W |
| 24. AC power cord: | Detachable type |
| 25. Start on screen display: | Letter of "SANYO" is displayed on the
screen for 30 sec. |
| 26. Scanning frequency: | Automatic frequency control
H sync. 15kHz - 100kHz
V sync. 50Hz - 100Hz
Dot clock 140MHz |
| 27. Operating voltage: | 90 - 264V (100 - 120V/200 - 240V +/- 10%) |
| 28. Operating temperature: | 5 Centigrade – 35 Centigrade |
| 29. Storage temperature: | -10 Centigrade – 60 Centigrade |
| 30. Fan noise: | No Announce |
| 31. Lamp life LED: | Normal mode 1000 hours / Eco mode 2000 hours
*Maintenance & Survival rate 50% |

TERMINALS

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| 1. COMPUTER IN 1 | |
| Signal input: | DVI-I x 1 (Digital with HDCP / Analog) |
| Audio input: | Mini-jack (stereo) x 1 |
| 2. COMPUTER IN 2 | |
| Signal input/output: | Dsub15 x 1 (RGB / Component) |
| | Or Monitor out |
| (Audio input): | Common use for COMPUTER IN 1 |
| 3. VIDEO | |
| Signal input: | RCA x 1 (Composite) |
| | Mini DIN 4-pin x 1 (S-Video) |
| Audio input: | RCA x 2 (R, L-mono) |
| 4. AUDIO OUT | Mini-jack (stereo) x 1 (with variable) |
| 5. Mouse control port | USB type B x 1 |
| 6. Service port: | Mini DIN8-pin x 1 (Serial) |

CONTROLS

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|----------------------|----------------------|--------------------------------------|
| 1. Projection unit : | ON-OFF | : Lamp power on/off |
| | INPUT | : Input mode select |
| | KEYSTONE | : Keystone adjustment select |
| | MENU | : (Computer mode) |
| | | Input/System/PC Adjust/Image Select/ |
| | | Image Adjust/Screen/Sound/Setting |
| | | : (Video mode) |
| | | Input/System/Image Select/ |
| | | Image Adjust/Screen/Sound/Setting |
| | VOLUME + – | : Audio volume adjustment |
| | (Pointer left/right) | |
| | (Pointer) | : Pointer shift and adjust value |
| | SELECT | : Data select and enter |

2. Remote controller:

ON-OFF:	Lamp power on/off
AUTO PC:	Auto adjust for Total dot, Fine sync and Position
D.ZOOM ▲▼:	Digital zoom adjustment
FREEZE:	Picture freeze
NO SHOW:	Picture blank
P-TIMER:	Presentation timer
IMAGE:	Picture image select
MUTE:	Sound mute
PAGE ▲▼:	Page up/down for Power Point
VOLUME + —: (Pointer left/right)	Audio volume adjustment
(Pointer):	Cursor shift and adjust value
(Mouse):	Mouse control
R-CLICK:	Right click for PC
SELECT:	Select (Enter)
MENU:	(Computer mode) Input/System/PC Adjust/Image Select/ Image Adjust/Screen/Sound/Setting (Video mode) Input/System/Image Select/ Image Adjust/Screen/Sound/Setting
COMPUTER:	Computer input mode select
VIDEO:	Video input mode select
KEystone:	Keystone adjustment select
LASER:	Laser pointer
(Trigger click):	Left click for PC
RESET-ON-ALL OFF:	Battery power switch or reset

INDICATORS

(Top surface)

- POWER (red/green)
- WARNING (red)
- LAMP REPLACE (yellow)

ACCESSORIES

- Wireless remote unit with mouse control and laser pointer
(Two "AA" type batteries included)
- Owner's manual
- Computer cable (DVI - Dsub15)
- Mouse control cable for USB port
- Lens cap
- Soft carrying bag
- AC cord (UL 3P Plug type)

OPTIONAL ACCESSORIES

- POA-VGACOMP ... Component - D-sub Cable
- MAC/VGA adapter : POA-MACAP
- POA-PN20 ... Multi Card Imager (box) + Wired LAN Card
- POX-WL20 ... Wireless LAN Card

REGULATIONS

Safety: UL60950/cUL, IEC60950 (EN60950) , BEAB

EMC: FCC Class B, CE mark