



# PLC-XT35

## PRODUCT SPECIFICATIONS

Oct 05, 2007

SANYO Electric Co., Ltd.

Projector Business Unit

Business Planning Department

---

## **FEATURES**

1. True XGA resolution  
DRIT (Digital Realized Interpolation Technology)  
HDTV 1080i, 1035i and 720p Compatible
2. DVI (Digital Visual Interface) compatible
3. Automatic Multi Scanning System
4. Color systems NTSC/PAL/SECAM/NTSC4.43/PAL-M/PAL-N
5. 10bit digital gamma collection
6. Progressive Scanning (2-3 / 2-2 pull down)
7. Auto PC Adj. function for Total Dots, Fine Sync and Position
8. Picture image select function (Dynamic, Standard, Real/Cinema, Image1-4)
9. Adjustable up to 300-inch (762cm) diagonal screen size
10. High bright and contrast picture with high uniformity
11. Motor driven zoom/focus and lens shift (R/L ; +/-15%, U/D ; 0 ~ +50% )
12. Built-in audio amplifier and speaker
13. Picture freeze function
14. Picture reverse scans function (Left/Right and Top/Bottom)
15. Blue back display
16. No show mode function
17. Digital zoom function (Mini. 50%, Max. 700% for Horizontal ratio)
18. Digital keystone correction (U/D , +/- 40 degrees)
19. Start on screen Logo display with display ON-OFF and customized Logo
20. Graphical user interface
21. Multi-language OSD  
English / German / French / Spanish / Italian / Portuguese / Dutch / Swedish / Russian /  
Chinese / Korean / Japanese
22. Display ON-OFF function
23. Power management function
24. Presentation timer function
25. AC ON-Start function (Menu select)
26. Audio mute
27. Wireless/Wired remote controller with mouse control and laser pointer
28. Pin code lock and Logo PIN code lock for Security function
29. Image elevation adjustment
30. Internal 8 test pattern (color bar, black, white, lattice, grayscale1~4)
31. Free installation ( 360 degrees )
32. One way Cooling Mechanism (Suction port x 1, Exhaust port x 1)

- 
33. User cleaning air filter
  34. Filter Clogging Detection with LED & OSD Warning
  35. Easy maintenance (“Maintenance Cover” equipment of the top cabinet)  
\* for Service engineer only
  36. Easy lamp replacement
  37. Carrying handle with hole for security chain
  38. Detachable AC power supply cord
  39. World wide range voltage
  40. Bayonet mounting for projection lens
  41. Auto fan control for noise level with eco mode
  42. Optional PJ-Net Organizer Plus 2
  43. Selected RC Sensor ( Both / Front only / Back only )

## **SPECIFICATIONS**

- |                                |  |
|--------------------------------|--|
| 1. Projector type              | Desktop LCD Multimedia Projector   |
| 2. Color systems               | NTSC/PAL/SECAM/NTSC4.43/PAL-M/PAL-N  |
| 3. Computer compatibility      | UXGA*/WXGA/SXGA+/SXGA/XGA/SVGA/VGA/MAC<br>(* Analog signal only)   |
| 4. Screen size (diagonal):     | Adjustable from 30" to 300"  |
| 5. Throw distance              | 1.2 m ~ 10.0 m   |
| 6. Brightness:                 | 5000 ANSI lumens (at High mode)<br>Normal mode about 90% ANSI lumens for High mode<br>Eco mode about 80% ANSI lumens for High mode |
| 7. Uniformity                  | 90% (Lens shift ; center)  |
| 8. Contrast ratio              | 1000:1 (at Auto2 mode)   |
| 9. LCD panel                   | 1.0" Polysilicon TFT active matrix without Micro lens  |
| 10. Number of pixels           | 786,432 (H1024 x V768) x 3   |
| 11. Projection system          | Dichroic mirror and X prism system with PBS  |
| 12. Projection lens            | F1.7~2.1, f=33~43mm (Power zoom and focus)   |
| 13. Projection lamp            | 330W NSHA ( 264W for Eco mode)   |
| 14. Lens shift                 | Power shift<br>U/D; Center ~ +50% , L/R ; -15% ~ Center ~ +15%   |
| 15. Image elevation adjustment | UP 5 degrees   |
| 16. Dimensions                 | 348.1(W) x 156.5 (H) x 444.0 (D) mm<br>Includes height of a leg (164.0mm)<br>Includes depth of a Projecting part (446.8mm)         |
| 17. Net weight                 | 8.1 kg   |
| 18. Package                    | Single carton  |
-

---

19. Packaged dimensions	490 (W) x 370 (H) x 590 (D) mm
20. Packaged weight	12.1 kg
21. Rating power supply	100~120V / 200~240V AC , 50/60Hz
22. Power consumption	500 W (High) ~ 455 W (Normal) ~ 400 W (Eco1) 12W (Standby)
23. BTU rating	1706
24. AC power cord	Detachable type
25. Standby on screen display	Start-up on screen Logo is displayed on the screen for 30 sec.
26. Scanning frequency	Automatic frequency H sync ; 15kHz ~ 100kHz , V sync ; 50Hz ~ 100Hz Dot clock ~ 140MHz (Analog) , ~100MHz (Digital)
27. Operating voltage	90~264V (100~120V / 200~240V +/-10%)
28. Operating temperature	5°C ~ 35°C
29. Storage temperature	-10°C ~ 60°C
30. Fan noise	35 dBA (Eco1) ~ 39dBA(Normal) ~ 42 dBA (High)
31. Lamp life LED	3000 hours(Eco) ~ 2500 hours(Normal) ~ 2000 hours(High) * Maintenance and Survival rate 50%

## **TERMINALS**

### 1. INPUT 1

Signal input	Dsub-15 x 1 (Analog RGB) DVI-D (HDCP) x 1 (Digital RGB)
Audio Input	Mini jack x 1 (stereo)

### 2. INPUT 2

Signal input	5-BNC x 1 (RGBHV, Y-Pb/Cb-Pr/Cr, VIDEO)
Audio Input	Mini jack x 1 (stereo)

### 3. INPUT 3

Signal Input	RCA x 1 (Composite) Mini DIN 4-pin x 1 (S-Video)
Audio Input	RCA x 2 (R, L-mono)

### 4. MONITOR OUT

Analog RGB Signal Output	Dsub-15 x 1
Audio Output	Mini jack x 1 (stereo)

### 5. CONTROL PORT

Control	Mini DIN 8-pin x 1 (*Not use for mouse control)
---------	---

---

---

USB	Type-B x 1
6. OTHER	
R/C JACK	Mini jack x 1
RESET	Reset button (Shut down and Restart)
7. OPTION CONNECTOR	
PJ-NET connection	(Side of cabinet) D-Sub25 x 1

## **CONTROLS**

1. Projection unit	
ON / STAND-BY	Lamp power ON / STAND-BY
INPUT	Input mode select
INFO	Information of setting status etc.
MENU	(Computer mode) Input / System / PC Adjust / Image Select / Image Adjust / Screen / Sound / Setting / Information
	(Video mode) Input / System / Image Select / Image Adjust / Screen / Sound / Setting / Information
LENS	Zoom, Focus, Lens shift mode select
VOLUME +/-	(Pointer L/R button) Audio volume adjustment
(Pointer U/D/L/R)	Pointer shift
SELECT	Data select and enter
2. Remote controller	
	(The icon is printed on all front buttons )
ON	Lamp power ON
STAND-BY	Lamp power STAND-BY
INPUT 1	Input 1 mode select
INPUT 2	Input 2 mode select
INPUT 3	Input 3 mode select
AUTO PC	Auto adjust for Total dot, Fine sync and Position
FREEZE	Picture freeze
INFO	Information of setting status etc.
VOLUME +/-	(Pointer L/R button) Audio volume adjustment

---

---

(Pointer U/D/L/R)	Pointer shift
MENU	(Computer mode) Input / System / PC Adjust / Image Select / Image Adjust / Screen / Sound / Setting / Information (Video mode) Input / System / Image Select / Image Adjust / Screen / Sound / Setting / Information
SELECT	Data select and enter
(Mouse pointer)	PC Mouse pointer control
R-CRICK	PC Mouse Right click button
(L-CRICK)	PC Mouse Left click button (Back side)
P-TIMER	Presentation timer
D.ZOOM	Digital zoom mode select
SCREEN	Screen mode select
ZOOM (+ / -)	Zoom adjustment
FOCUS (+ / -)	Focus adjustment
LENS SHIFT	Lens shift adjustment select
KEystone	Keystone adjustment select
LASER	Laser pointer
MUTE	Sound mute
NO SHOW	Picture blank
RESET-ON-ALL OFF	Battery power switch

## **INDICATORS**

(Cabinet Top)

WARNING TEMP. (Red)

WARNING FILTER(Orange)

LAMP REPLACE (Yellow)

LAMP (Red)

POWER(Green)

---

## **ACCESSORIES**

Wireless/Wired remote unit with laser pointer and mouse control function  
Two "AAA" type Batteries  
Owner's Manual (Quick Manual & CD-ROM)  
Computer Cable (Dsub15-Dsub15)  
USB Cable (for Mouse control)  
AC Power Cord (UL 3P Plug type or European Plug type)  
Serial Control Cable  
PIN code label

## **OPTIONAL ACCESSORIES**

Projection Lens (Standard Zoom)	LNS-S11
Projection Lens (Short Zoom)	LNS-W10
Projection Lens (Long Zoom)	LNS-T10
Lamp for exchange	POA-LMP116
PJ-NET Organizer plus 2	POA-PN03
PJ-NET Organizer plus 2C	POA-PN03C
Low ceiling KIT (Metal Fitting and Bracket) (* Thin type)	POA-CHS-101
Bracket Assembly (* for POA-CHS-PS01 & POA-CHL-PL01)	POA-CHB-XT25

## **REGULATIONS**

Safety: IEC(EN)60950, UL60950 / CUL  
EMC: FCC Class B, CE Mark