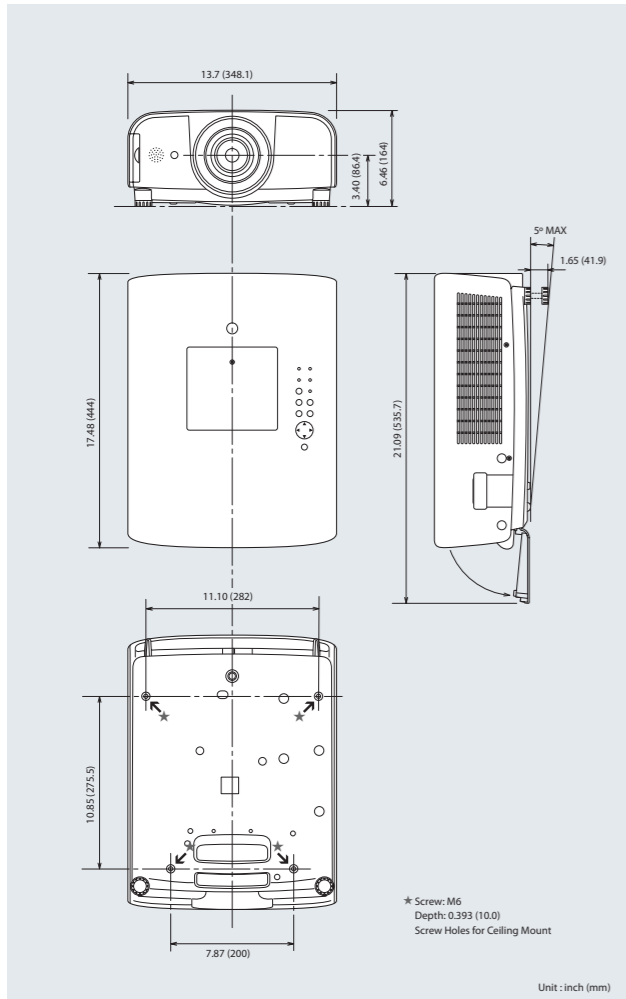


Portable Multimedia LCD Projector

The Projector You Need When Reliability Matters Most

External dimensions (unit:mm)



Specifications

	PLC-XT25	PLC-XT20
Model name	PLC-XT25	PLC-XT20
LCD Panel system	1.0 inch TFT p-Si x 3	
Number of pixels	2,359,296 (786,432 (1024 x 768 dots) x 3)	
Projection lamp	300W x 1	
Brightness (typical) *Lamp:High mode	4500 lm	3800 lm
Contrast ratio	1000 : 1 (Lamp:Auto2 mode)	
Uniformity	90% (corner to center, Lens Shift:center)	
Up-Down / Right-Left ratio	U / D / R / L (Power Lens Shift) U/D : Center ~ +50%(Max) R/L : -15% ~ Center ~ +15% (Max)	
Projection lens	F 1.7 ~ 2.1, f = 33 ~ 43mm	
Screen size	30" ~ 300" (1.2 ~ 10.0 m) (100" at 3.3 ~ 4.3 m)	
Zoom / Focus	1 : 1.3 Power driven	
Component signals	480i, 480p, 575i, 575p, 720p, 1035i and 1080i	
Color systems	PAL / SECAM / NTSC / NTSC4.43 / PAL-M / PAL-N	
Video Signal	Composite, S-Video, Component	
Video Terminal	RCA Input : Video 5x BNC : Y / Video-Pb / Cb-Pr / Cr *1 Mini DIN 4 pin : S-Video	
Computer compatibility*2	UXGA / WXGA / SXGA+ / SXGA / XGA / SVGA / VGA / MAC	
Computer Terminal	D-sub 15pin : Analog RGB 5x BNC : Analog RGB *1 DVI-D : Digital RGB *3	
Sound output	1W mono	
Other Terminal	Control Port (RS-232C), USB type B	
Digital Keystone	+40 ~ -40 degrees (Vertical)	
Other Feature	Freeze, No Show, User logo, PIN code lock, PJ-NET Organizer Plus 2 / 2C (option)	
Scanning frequency	H sync : 15 ~ 100 kHz, V sync : 50 ~ 100 Hz Dot clock : Analog/140MHz or less, Digital/100MHz or less	
Fan Noise	31 dBA (Eco mode)	
Voltage	100V ~ 240V AC (auto voltage)	
Power consumption	430W(High) ~ 395W(Normal) ~ 360W(Eco), 12W(Standby)	
Dimensions (W x H x D)	348.1 x 156.5 x 444.0 mm (not including Adjustable Feet)	
Weight	8.7 kg (19.2 lbs)	

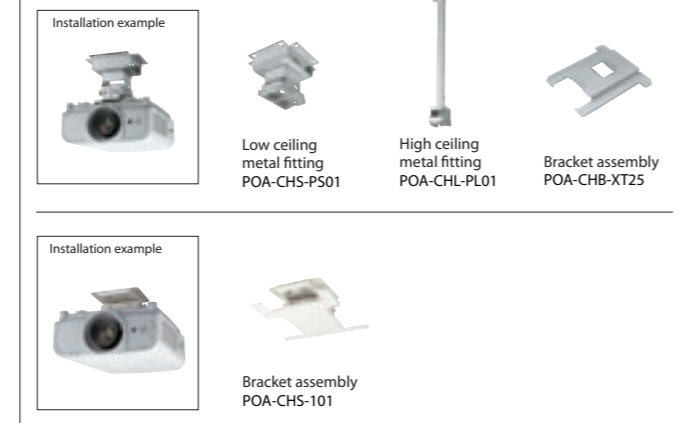
*1 Use both as Computer and Video input

*2 Supported with digital reduction/ enlargement without XGA

*3 HDCP support(Projector may not display video from DVI input if the HDCP standard is changed)

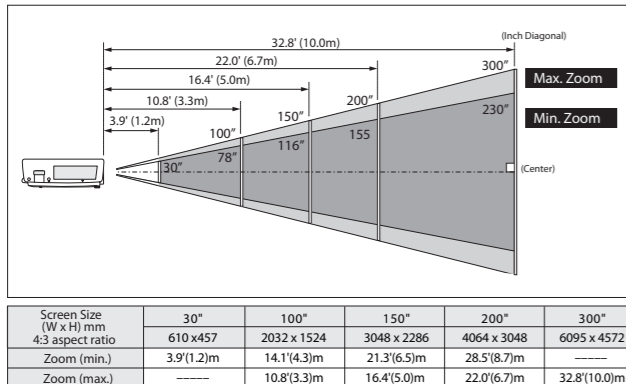
Product appearance and specifications are subject to change without notice. All brands, company names, and product names are trademarks or registered trademarks of their respective holder.

■ Ceiling mounting(Optional)



Pixelworks ICs are used in this projector

Approximate throw distance/picture size



Safety Precautions

• Do not install the LCD projector in areas exposed to water, humidity, dust, oil or smoke or in close proximity to heat sources. Make sure the heat vents are not blocked. Fire, electrical shock or unit malfunction may result if the above precautions are neglected. • Do not look through the lens while projecting as damage to the eyes could result. Take special care when children are close by. • Do not look at the laser beam coming out of the remote control unit or direct the laser beam toward a person. Direct contact with the laser beam may cause damage to the eyes.

Remarks

• LCD panel manufacturing requires extremely high-precision technology with pixels having a 99.99% quality control rating. However, there does exist a 0.01% or smaller possibility of dead pixels or constantly lit pixels. • Please note that product colors in the brochure may differ slightly from those of actual products. • All screen pictures in the catalog are simulated. • Product appearance and specifications are subject to change without notice.

Further details regarding this product can be accessed at <http://www.sanyo-lcdp.com/english/>

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

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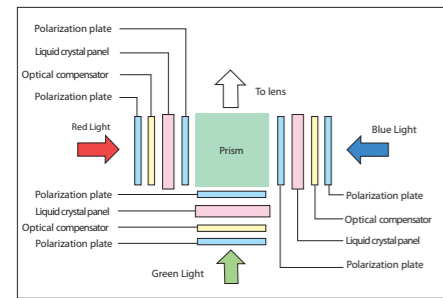


PLC-XT25 4,500 lm

PLC-XT20 3,800 lm

Optical Compensator

An optical compensator that has excellent light and heat resistance is used to achieve a long service life for the optical block and dramatically increase reliability.

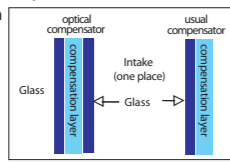


What is the optical compensator?

By suppressing disturbances in polarized waves and minimizing the light leakage from the LCD panel, the optical compensator helps to reduce the "black floating" effect.

The difference between the optical compensator and a usual compensator

Improving the compensation layer materials and developing a structure that sandwiches the compensation layer between the glass panels have improved heat and light resistance.



One-Way Cooling Mechanism (Intake x1, Exhaust x1)

Intake and exhaust ports have been eliminated from various places on the projector (such as the bottom surface) and concentrated into one intake and one exhaust, both on the side, to solve dust-related problems (and improve cooling reliability).



Filter Clogging Detection Function

When it becomes time to clean the filter, or when the filter is clogged, the operator is informed by LED indicators and a message on the on-screen display (reducing heat damage to the interior).



*Cleaning time indication: Turn on Clog warning: Blink

Maintenance Lid on the Top

Dust can be cleaned from the panel and simple maintenance can be performed on optical parts without having to remove the cabinet. (Maintenance work is easier.)

One-Touch Exchange Air Filter

Filter replacement has been simplified to make maintenance easier.



Easier Lamp Replacement

Lamp replacement has been simplified to make maintenance easier.



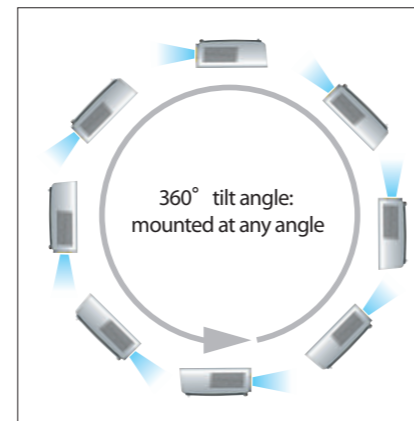
Interchangeable Lenses (Optional)

The existing XT-series lenses can be used just as they are. Lens removal and attachment are also very easy (no need to remove the cabinet).



Tilted Installation Possible (360° Tilt Angle)

Offers greater flexibility between the projector and screen positions, and overall installation conditions.



Power Vertical/Horizontal Lens Shift (Vertical: 0 to 50%, Horizontal: 15% (maximum))

Horizontal shift has been added to the previous vertical shift function. On-site setup is easier, thanks to its intuitive operation.



Bright 4,500 Lumens

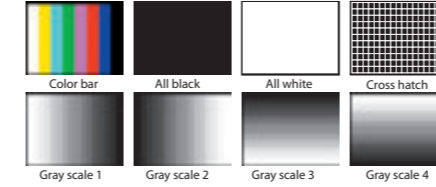
The PLC-XT25 achieves a bright 4,500 lumens thanks to a number of advanced technologies in its optical engine, a 300W UHP lamp. Approaching the brightness of many large, multi-lamp models, this advanced projector is suited to a wide range of applications in event halls, classrooms, and meeting rooms.



*PLC-XT20: 3,800 lumens

Built-in Test Pattern

Makes on-site setup easier by serving as a guide for setting adjustments. (Includes a total of 8 built-in patterns.)

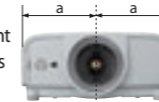


Silence Design (Max. 31 dB, in ECO mode)

The operating noise is hardly noticeable even in quiet settings like conference or AV rooms.

Lens Center Layout (Symmetry Design)

A Symmetry Design is used (left-right center layout = left-right centered optical axis). This makes on-site setup easier.



Two Computer Inputs (DVI-I and D-sub)

The PLC-XT25/XT20 has two computer input terminals— DVI-I input and D-sub input. The D-sub terminal can be switched to a monitor out for the DVI-I input.



Fully Portable

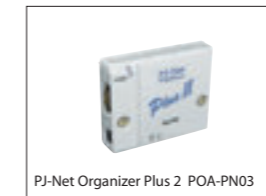
With its small size and light weight, the PLC-XT25/XT20 is easy to take anywhere.



Network Functions (Optional)

Projector Management and Control over a LAN

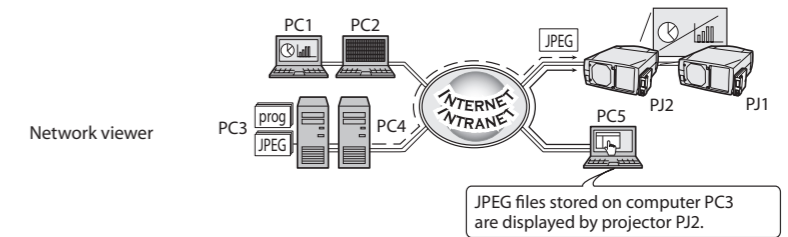
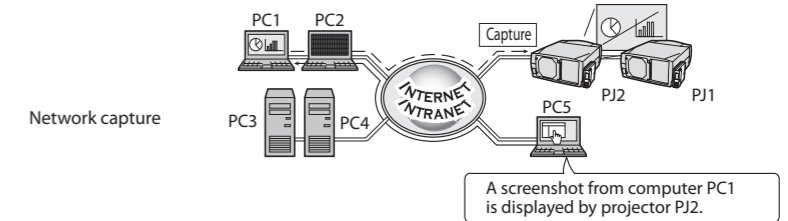
Simply mount the optional PJ-Net Organizer Plus II POA-PN03 into the projector for easy management and control via a LAN.



PC Image Transmission*

The PJ-Net Organizer Plus II also adds a PC image transmission function* for a variety of applications, like projecting PC-based advertisements and information in show windows.

*Moving images cannot be transmitted.



Functions Provided by the PJ-Net Organizer Plus II

- PC image transmission
- E-mail alert
- On/Off timer function
- Web management
- Web control
- Multi-control (up to 100 projectors)
- Peripheral equipment control

From Conference Room to Mini-Theater Stage, a Projector That's Built for Business or Entertainment



Portable Multimedia LCD Projector
PLC-XT25/XT20