

XGA Multimedia Portable Projector

PLC-XM150/XM150L
PLC-XM100/XM100L

Bright Images, Reliable Operation, Flexible Usage For Professional Use

NEW

PLC-XM150/XM150L
XGA 6,000 lm
PLC-XM100/XM100L
XGA 5,000 lm



Highest brightness in its class at 6,000 lumens [PLC-XM150/XM150L] - Class-leading brightness ensures bright, beautiful big-screen projection

Combining a newly developed optical engine with superior cooling technology made it possible to boost the brightness to the highest level in its class at 6,000 lumens. Light efficiency that is approximately 20% higher than our previous model enables brighter, more beautiful big-screen projection. Ideal for use in large conference rooms, lecture halls, or applications that require projection in well-lighted areas, such as digital signage.

New optical engine with an Inorganic Liquid Crystal panel and Active Maintenance Filter (AMF) system - Higher reliability, lower maintenance costs

The highly durable new optical engine uses an inorganic liquid crystal panel. The effects of heat on optical parts are minimized by using cooling technologies designed for professional models. The Active Maintenance Filter (AMF) system allows filter cartridges to be replaced at intervals of approximately 10,000 hours. Each cartridge contains a filter roll that is equivalent to 10 filters, so the replacement frequency is reduced to one-tenth, raising reliability and lowering maintenance costs.

Power Vertical/Horizontal Lens Shifting and other functions make it ideal for professional use

The Power Vertical/Horizontal Lens Shifting and Power Zoom/Focus functions enable projection to be adjusted without changing the projector position. Other functions ideal for professional use include Corner Keystone Correction and a Mechanical Shutter. In addition to the standard specification lens, five new lens options, including both short- and long-focus types, are available. This makes it possible to match the lens to the installation site, so the projector can be used in a variety of places, such as medium- to large-size conference rooms, classrooms and lecture halls.

Lens Options

Model	LNS-W21	LNS-W20	LNS-S20	LNS-T20	LNS-T21
Type	Short Fixed	Short Zoom	Standard Zoom	Long Zoom	Ultra Long Zoom
U/D Ratio	1:1	-10.0-10.0	-10.0-10.0	-10.0-10.0	-10.0-10.0
Throw Ratio	0.8:1	1.25-1.70	1.70-2.89	2.89-4.60	4.60-7.36
F Stop	2.0	1.8-2.3	1.8-2.3	1.8-2.3	1.8-2.3

Other Features

- Convenient lens center design for easy installation
- Vertical 360-degree tilt angle projection
- One-way flow to improve cooling efficiency
- Direct power-off function
- Simple stacking cabinet for convenient backup machine use
- Anti-theft hook
- Auto input signal search
- 7-Watt speaker (monaural)
- Wired LAN terminal (RJ-45)
- PJ-NET organizer

Specifications

Product Number	PLC-XM150	PLC-XM150L	PLC-XM100	PLC-XM100L
System	RGB liquid crystal shutter projection system			
LCD Panel	0.8 inch x 3, Aspect Ratio 4:3			
	Pixel Count: 786,432 (1024 x 768) x3, Total pixels 2,359,296			
Projection Lens	Power-driven zoom (1 - 1.7x), f=1.06"-1.79"; F = 1.7 - 2.3 *XM150L/XM100L:Optional lens			
Light Source	330 W		275 W	
Screen Size (Projection Distance)	40" - 400" 4.3 - 75.1' 100": 11.2 - 18.7' (Projection distance varies depending on the lens)			
Color Reproducibility (When projecting video signal)	Full color (1.07 billion colors)			
Contrast Ratio (Full On/Full Off)*1	1000:1			
Brightness*1	6,000 lumens		5,000 lumens	
Uniformity	90%			
Audio Output and Speaker	7 W			
Scanning Frequency	Horizontal: 15 - 100 kHz, Vertical: 48 - 100 Hz, Dot Clock: 140 MHz or less			
Resolution (resizing) (When using RGB signal)	1024 x 768 dots (WUXGA dot resizing possible)			
Terminals	PC Input •Digital input (x 1); DVI-D (HDCP compatible) •Analog RGB input (x 2), D-sub 15; BNC 5-type			
	Video Input •Video input (x 3); BNC 3-type (VIDEO/Y/Pb/Cb-Pr/Cr), RCA 3-type (VIDEO/Y/Pb/Cb-Pr/Cr), S-video			
Graphical Output	•Analog RGB (x 1); D-sub 15*2			
Audio Input/Output	•Audio input; Stereo mini jack x 2, RCA (L, R) x 1 •Audio output; Stereo mini jack x1			
Controller Input/Output, and Other	•Control port (x 1); D-sub 9 •USB terminal; type B x 1*3 •Wired remote control connection terminal; Mini jack x1 •Wired LAN; RJ-45 (100Base-TX/10Base-T)			
Operating Temperature	5 - 40°C			
Power Consumption	100-120V	406 W Standby: 0.4 W/22W (Eco/Network)		354 W Standby: 0.4 W/22W (Eco/Network)
	200-240V	385 W Standby: 0.6 W/24 W (Eco/Network)		338 W Standby: 0.6 W/24 W (Eco/Network)
Power Source	AC 100 - 1 20V, AC 200 - 240V, 50/60 Hz			
Dimensions (WxHxD)	19.3 x 6.5 x 17.1 inch (PLC-XM150/XM100) 19.3 x 6.5 x 14.6 inch (PLC-XM150L/XM100L)			
Weight	21.3 lbs	19.6 lbs	21.3 lbs	19.6 lbs
Main Accessories	Removable power cord x1, USB cable x1, D-sub 15 cable x1, PIN code-label, Quick reference guide, Owner's manual (CD-ROM), Remote control x1(AAA battery x 2)			

*1 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.
*2 For analog signals only. Some restrictions apply to output signals. Not all types of input signals are supported.
*3 The USB interface may not be compatible with every USB device.
* All product names and company names are trademarks or registered trademarks of their respective companies.
* Product appearance and specifications are subject to change without notice.
Replacement Lamp Type No.: **610 346 9607 (PLC-XM150/L) / 610 347 5158 (PLC-XM100/L)**

Terminals



SANYO Presentation Technologies
Toll free: **888-337-1215** www.sanyoprojectors.com