



SANYO's Family of M Series Projectors

Bright Image, Versatile Installation, Flexible Usage for Professional Use

PLC-ZM5000L
PLC-WM5500/L
PLC-WM4500/L
PLC-XM150/L
PLC-XM100/L



PLC-ZM5000L
WUXGA 5000 lm

PLC-WM5500/L
WXGA 5500 lm

PLC-WM4500/L
WXGA 4500 lm

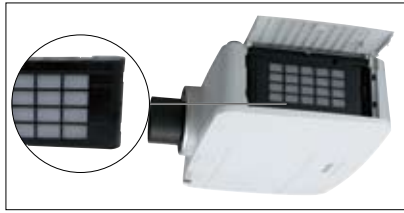
PLC-XM150/L
XGA 6000 lm

PLC-XM100/L
XGA 5000 lm



Active Maintenance Filter System (AMF)

The Active Maintenance Filter System (AMF) enables a filter cartridge replacement interval of approximately 10,000 hours*. One cartridge containing a filter roll equal to 10 filters reduces the filter cartridge replacement frequency to one-tenth.



Consequently, high reliability is provided with lower maintenance costs, while saving resources.

* When lamp mode: Normal is selected. This value is calculated through the company's independent test in reference to the JIS D0207 test method. The filter replacement period is an estimate and changes according to the use environment.

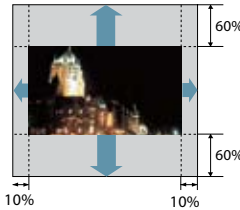
• Available for: PLC-ZM5000L, WM5500L, XM150L, XM100L

Powered Lens Shift & Powered Zoom and Focus

All models are equipped with a Powered Vertical/Horizontal Lens Shift function and an Electrical Zoom/Focus function that lets you adjust the projection position without having to move the projector. The powered function makes it easy to achieve fine positioning adjustments, using the remote control, even for projectors installed in high places.

Powered Lens Shift (Vertical, Horizontal)

Featuring both vertical and horizontal lens shift (vertical: $\pm 60\%$; horizontal: $\pm 10\%$ (maximum)), the ZM series enables intuitive operation for easy on-site setup.

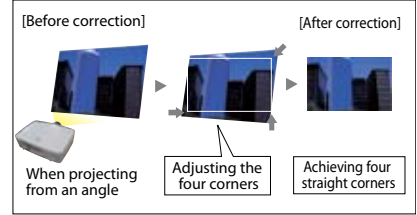


Powered Zoom and Focus

Zoom and focus can be carried out electronically, so that adjustments can be made easily (smoothly). Of course operations can also be carried out using the remote control, so that adjustments can be carried out easily from a distance even after the projector has been installed in a high location.

Corner Keystone Function

The Corner Keystone function corrects trapezoidal distortion. To square the image, simply designate the four corners with the remote control or projector buttons. The corrected data is stored in memory, so rectangular screens can be displayed with permanently installed projectors at lecture hall and conference room.



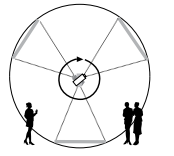
• Available for: PLC-ZM5000L, WM5500L, XM150L, XM100L

Tilted Installation Possible (360° Tilt Angle)

The projector can be installed at a 360° tilt angle in the vertical direction. This makes it possible to project images facing directly above or below the projector.

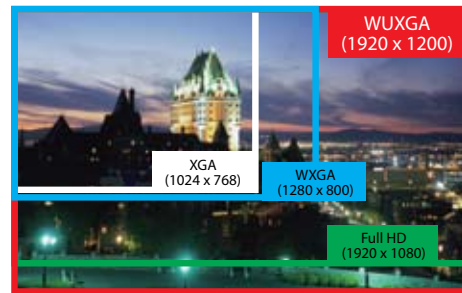
Vertical Installation

The ZM Series can also be installed to project images upward or downward.



Full Line Resolution WUXGA, WXGA and XGA Panel

The adoption of a high-resolution WUXGA panel enables projection of 16:10 aspect ratio WUXGA (1920 x 1200 dots) images. Compared to the Full HD (1920 x 1080 dots) format, the size of the screen has been greatly expanded, enabling the display of even more information.



Specifications

Model name	PLC-ZM5000L	PLC-WM5500/L	PLC-WM4500/L	PLC-XM150/L	PLC-XM100/L
Resolution	WUXGA (1920 x 1200)	WXGA (1280 x 800)	WXGA (1280 x 800)	XGA (1024 x 768)	XGA (1024 x 768)
Brightness (typical)	5000 Lumens	5500 Lumens	4500 Lumens	6000 Lumens	5000 Lumens
Panel System	0.75" TFT Poly x 3	0.75" TFT Poly x 3	0.75" TFT Poly x 3	0.8" TFT Poly x 3	0.8" TFT Poly x 3
Number of Pixels	6,912,000 (2,304,000 x 3)	3,072,000 (1,024,000 x 3)	3,072,000 (1,024,000 x 3)	2,359,296 (786,432 x 3)	2,359,296 (786,432 x 3)
Contrast Ratio (Full on / off)	2000:1	800:1	800:1	1000:1	1000:1
Aspect Ratio	16:10	16:10	16:10	4:3	4:3
Projection Lamp (s)	330W NSHA	330W NSHA	275W NSHA	330W NSHA	275W NSHA
Voltage	100-240V	100-240V	100-240V	100 - 240V	100 - 240 V
Weight (lbs.)	19.6 lbs.	WM5500 : 21.3 lbs. WM5500L : 19.6 lbs.	WM4500 : 20.5 lbs. WM4500L : 18.7 lbs.	XM150 : 21.3 lbs. XM150L : 19.6 lbs.	XM100 : 21.3 lbs. XM100L : 19.6 lbs
Dimensions (inch)	19.3 x 6.5 x 14.6 inch	19.3 x 6.5 x 14.6 inch	19.3 x 6.5 x 14.6 inch	19.3 x 6.5 x 14.6 inch	19.3 x 6.5 x 14.6 inch
Digital Interface (HDCP Compatible)	DVI-D, HDMI	HDMI	HDMI	DVI-D	DVI-D
Analog Interface	5BNC, D-sub 15 pin, RCA, S-Video	5BNC, D-sub 15 pin, RCA, S-Video	5BNC, D-sub 15 pin, RCA, S-Video	5BNC, D-sub 15 pin, 3RCA, S-Video	5BNC, D-sub 15 pin, 3RCA, S-Video
Network Control / Admin.	Yes / Optional PJ-Net	Yes / Optional PJ-Net	Yes	Yes / Optional PJ-Net	Yes / Optional PJ-Net

Lenses

Type	Short Fixed Lens	Short Zoom Lens	Standard Zoom Lens	Long Zoom Lens	Long Zoom Lens
Part Number	LNS-W21	LNS-W20	LNS-S20	LNS-T20	LNS-T21
Zoom / Focus	Fixed / Power	x1.3 / Power	x1.7 / Power	x1.6 / Power	x1.6 / Power
Focal length (inch)	0.51	0.80-1.09	1.06-1.79	1.80-2.91	2.91-4.61
F value	2.0	1.8-2.3	1.7-2.3	1.8-2.3	1.8-2.3
lens aperture (inch)	4.00	4.53	3.68	3.48	3.48
Lens weight (lbs)	2.38	2.64	1.87	2.60	2.64
Projection light axis	H1:H2 W1:W2	1:1(Fixed) 11:-1 - -1:1(approx.)	1:1:-1 - -1:1(approx.) 3:2-2:3(approx.)	11:-1 - -1:1(approx.) 3:2-2:3(approx.)	11:-1 - -1:1(approx.) 3:2-2:3(approx.)
Throw Ratio	0.8:1	1.3-1.7:1	1.7-2.8:1	2.8-4.6:1	4.6-7.2:1

SANYO. . . Providing More Projector Solutions

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

©2011 SANYO North America Corporation.

