

# Network

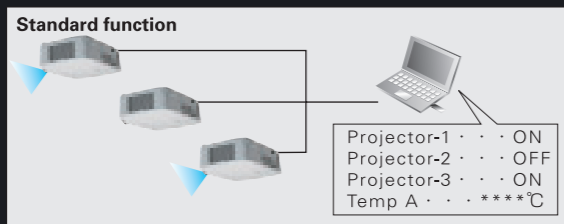
A Wired LAN Network Control function\* is included as standard equipment.

A centralized management and control system can be easily configured.

\* This function comes as standard equipment.

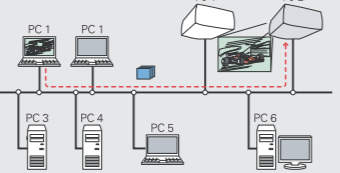
## Featuring the PJ-Net Organizer Board (WM5500/L) (OPTION)

The PJ-Net Organizer (POA-PN03C) is provided as standard equipment, for centralized control of projectors over a wired network. Installing the optional PJ Master into a PC or server also lets you manage the PJ-Net Organizer-mounted projectors over a network.



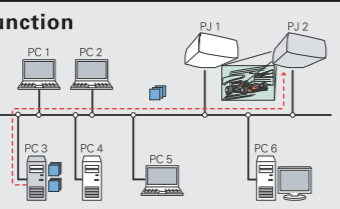
### Real Time Capture function

To display the screen image of the computer by the projector through the network in real time.



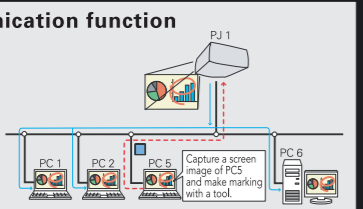
### Network Viewer function

To acquire the JPEG image data from the file servers placed in the network and project them by the projector.



### Network Communication function

To communicate by sharing the captured image of a computer with multiple computers and a projector. User can draw the text and figure on the captured image by using a drawing tool.

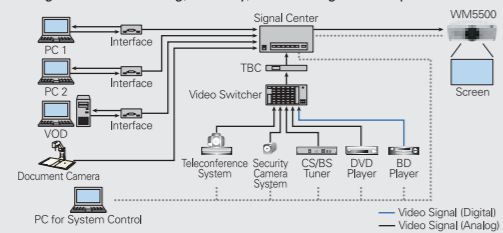


# Responding to a Host of Large-Screen Needs

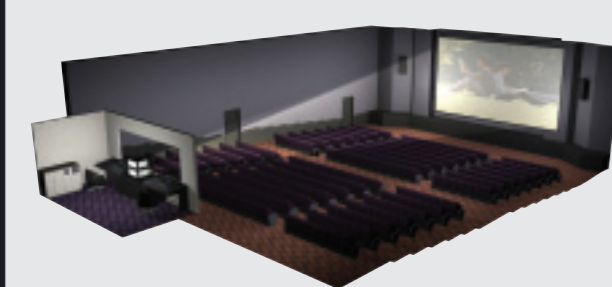
## Conventions and Other Events



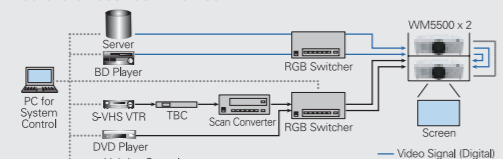
Project crisp, sharp images from a variety of sources - PCs, document cameras, BD Player and more. With the PLC-WM5500's high output and brightness, there's no need to dim the room lights - so viewers can read handouts and take notes comfortably during the presentation. Using a PC gives you total control over image source switching, for easy, flexible large-screen presentations.



## Theaters and Halls



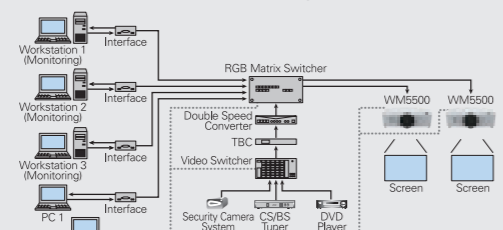
Stack two PLC-WM5500 units, and you can project images from high-definition sources onto a large screen at an even higher brightness level. Using a system control PC, all facets of representation - from start-up and brightness adjustment to image source switching - can be handled automatically. The PLC-WM5500 is also ideal for "Cinema Advertising" - Works such as business commercials can be easily projected before or between movies.



## Monitor Control



You can configure a large-screen monitor system by using multiple PLC-WM5500's in a rear projection system to project images onto a multi-screen display. Use it to reproduce complex visual information, such as network control schematics, maps, and images from surveillance cameras. Using a system control PC makes it easy to operate and manage this kind of system.



## Specifications

Product Number	PLC-WM5500	PLC-WM5500L	PLC-WM4500	PLC-WM4500L
System	RGB liquid crystal shutter projection system			
LCD Panel	0.75 inch x 3 (inorganic), Aspect Ratio: 16:10 1,024,000 (1280 x 800) x3, Total pixels 3,072,000			
Projection Lens	Power-driven zoom (1 - 1.7x), f = 26.9 to 45.4mm, F = 1.7 to 2.3	Optional lens	Power-driven zoom (1 - 1.7x), f = 26.9 to 45.4mm, F = 1.7 to 2.3	Optional lens
Light Source	330 W		275 W	
Screen Size (Projection Distance)	40" - 400": 1.4 m - 24.4 m (1.4 - 80.1 ft), 100": 3.6 m - 6.0m (11.8 - 19.7 ft) (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	800:1			
Brightness *1	5,500 lumens		4,500 lumens	
Uniformity	90%			
Audio Output and Speaker	7 W mono (4 cm (circular) x1)			
Scanning Frequency (Input)	Horizontal: 15 - 100 kHz, Vertical: 48 - 100 Hz, Dot Clock: 140 MHz or less			
Resolution (resizing) (when using RGB signal)	1280 x 800 dots (WUXGA dot resizing possible)			
Terminals	PC Input: Digital input (x 1); HDMI x 1 (v, 1.3a with Deep Color) Video input (x 3): BNC 3-type (VIDEO/Y-Pb/Cb-Pr/Cr), RCA 3-type (VIDEO/Y-Pb/Cb-Pr/Cr), S-video Video Input: Analog RGB (x 1); D-sub 15 *2			
Graphical Output	Analog RGB (x 1); D-sub 15 *2			
Audio Input / Output	Audio input: Stereo mini jack x2, RCA (stereo L (mono), R) x 1 Audio output: Stereo mini jack x1			
Controller Input/Output, and Other	Wired remote control connection terminal, Mini jack x1 Wired LAN; RJ45 (10Base-T / 100Base-TX) Control port (x 1); D-sub 9 USB terminal, type B x 1 *3			
Operating Temperature	5 - 40 °C			
Power Consumption	100-120 V 200-240 V	406 W / 490 W (Eco / Normal) Standby: 0.4 W / 22 W (Eco / Network)	353 W / 420 W (Eco / Normal) Standby: 0.4 W / 15 W (Eco / Network)	336 W / 397 W (Eco / Normal) Standby: 0.6 W / 17 W (Eco / Network)
Power Source	AC 100 - 240 V, 50/60 Hz			
Dimensions	489.5 mm (w) x 164.0 mm (h) x 434.8 mm (d) (PLC-WM5500 / WM4500), 489.5 mm (w) x 164.0 mm (h) x 371.1 mm (d) (PLC-WM5500L / WM4500L)			
Weight	9.7 kg		8.9 kg	
Main Accessories	Removable power cord x1, D-sub 15 cable x1, PIN code-locking label, Quick reference guide, Owner's manual (Quick Manual & CD-ROM), Remote control x1 (AAA battery x 2)			

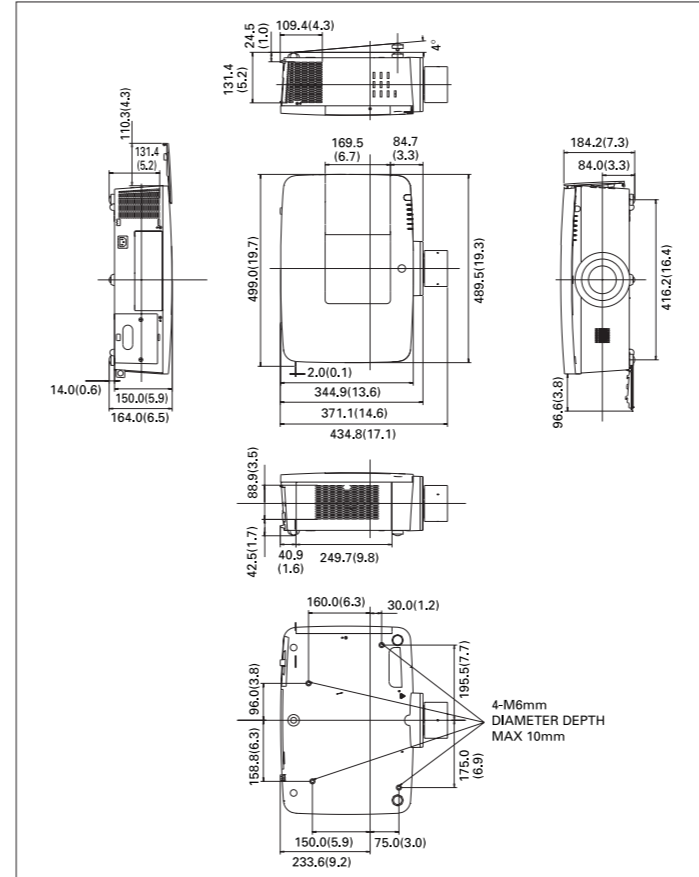
Replacement Lamp Type No.: POA-LMP136 (WM5500 / L), POA-LMP137 (WM4500 / L)  
\*1 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. Measurement method/conditions are based on Appendix 2. \*2 For analog signals only, Partial restriction is set up for output signals. Not all types of input signals are supported. \*3 USB interface does not guarantee that every USB device is compatible. \* 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.

## Throw Distance: unit (m, ft) (Aspect ratio horizontal:vertical = 16:10)

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	
Image						
Zoom / Focus	Fixed / Power	x1.3 / Power	x1.7 / Power	x1.6 / Power	x1.6 / Power	
Focal length (mm / inch)	13.05 / 0.51	20.4-27.6 / 0.80-1.09	26.9-45.4 / 1.06-1.79	45.6-73.8 / 1.80-2.91	73.9-117.1 / 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 (mm / inch)	101.6 / 4.00	115.0 / 4.53	93.5 / 3.68	88.5 / 3.48	88.5 / 3.48	
lens weight (kg / lbs)	1.08 / 2.38	1.20 / 2.64	0.85 / 1.87	1.18 / 2.60	1.20 / 2.64	
Projection (H1:H2)	1:1(Fixed)	11:1-1:11(Approx.)	11:1-1:11(Approx.)	11:1-1:11(Approx.)	11:1-1:11(Approx.)	
light axis (W1:W2)	1:1(Fixed)	3:2-2:3(Approx.)	3:2-2:3(Approx.)	3:2-2:3(Approx.)	3:2-2:3(Approx.)	
Throw Ratio	0.8:1	1.3-1.7:1	1.7-2.1:1	2.8-4.6:1	4.6-7.2:1	
Throw distance	m / ft	m / ft	m / ft	m / ft	m / ft	
inch	WxH(m)	Fixed	Wide Tele	Wide Tele	Wide Tele	Wide Tele
40	0.9 x 0.5	0.64 / 2.11	1.1 / 3.6	1.4 / 4.6	2.4 / 7.9	3.8 / 12.5
60	1.3 x 0.8	0.99 / 3.26	1.6 / 5.2	2.1 / 6.9	3.6 / 11.8	5.8 / 18.0
80	1.7 x 1.1	1.34 / 4.41	2.2 / 7.2	2.9 / 9.5	4.8 / 15.7	7.8 / 25.6
100	2.2 x 1.3	1.69 / 5.56	2.7 / 8.8	3.6 / 11.8	6.0 / 19.7	9.8 / 32.2
120	2.8 x 1.6	2.04 / 6.71	3.3 / 10.8	4.3 / 13.9	7.3 / 24.0	11.8 / 36.9
150	3.2 x 2.0	2.57 / 8.43	4.1 / 13.3	5.4 / 17.7	9.1 / 29.9	14.8 / 48.6
200	4.3 x 2.7	3.45 / 11.31	5.4 / 17.8	7.2 / 23.6	12.2 / 40.0	19.8 / 61.6
250	5.4 x 3.4	4.32 / 14.18	6.8 / 22.3	9.0 / 29.5	15.2 / 49.9	24.9 / 78.1
300	6.5 x 4.0	5.20 / 17.05	8.2 / 26.8	10.8 / 32.9	18.3 / 56.0	29.9 / 91.1
350	7.6 x 4.7	6.07 / 19.93	9.6 / 31.5	12.6 / 38.4	21.4 / 66.1	34.9 / 106.4
400	8.6 x 5.4	6.95 / 22.80	10.9 / 35.8	14.4 / 47.2	24.4 / 74.3	39.9 / 121.0

\* Approximate projection distances are calculated based on lens specifications. Individual lenses may diverge from this figure by up to 5% due to slight variations in lens size and shape.

## External dimensions (unit: mm (inch))



## Terminals



## Remote control



All products manufactured by the Projector Division of SANYO's Digital System Company employ a quality management system that has undergone the inspection and registration process of the ISO 9001 international standard.



SANYO's Digital System Company has received ISO 14001 certification for the environmental management system used in its factory.



<http://sanyo.com/projector/>

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

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# WXGA Multimedia Portable Projector



PLC-WM5500/WM5500L  
PLC-WM4500/WM4500L

# Bright Images, Versatile Installation, Flexible Usage For Professional Use



PLC-WM5500/PLC-WM5500L Brightness of 5,500 lumens  
PLC-WM4500/PLC-WM4500L Brightness of 4,500 lumens

