PLV-WF20

WXGA Digital Multimedia Projector

Lens sold separately

IMPRESSVIELY BRIGHT, HIGH CONTRAST WIDE IMAGE
Utilizing two high–output 330-watt NSHA lamps as its light source, the PLV-WF20, WXGA projector delivers an impressive 6000 ANSI lumens with a contrast ratio of 2000:1.

DURABLE IN-ORGANIC OPTICAL SYSTEM (D.I.O.S.)
This Inorganic Optical LCD panel system provides a more durable projector to handle many applications for high-quality, high contrast image presentations.

HIGH RELIABILITY WITH ACTIVE MAINTENANCE FILTER SYSTEM (AMFS)
The newly designed cabinet of the PLV-WF20 has an improved air flow system. This sophisticated filter monitor system is efficient at controlling the temperature. An Active Maintenance Filter System automatically replaces the filter and also warns the user of clogged filters, resulting in better projector performance from improved dust resistance and easy maintenance.

FLEXIBLE SET-UP
Option boards and optional lenses make for a very versatile PLV-WF20 projector. More flexibility and more application options are realized with the following:

- Mechanical Shutter System clicks into place to block the lamp light the instant you turn off the image.
- New fan control with angle sensor allows 360° positions.
- A center lens means versatile lens adjustment. The X-Y Power Lens Shift moves the lens both vertically and horizontally, aiding in greater placement flexibility. They both help in twin-stacking two projectors, enabling easy alignment of images from two projectors with virtually no geometric distortion. For even easier projector lens setup, the Lens Memory function automatically adjust lens shift, zoom and focus, once the projector is turned on.

NETWORK CONTROL / ADMINISTRATION
An optional PJ-Net Organizer network board allows for simple control and management of projectors via a CAT5 network connection. The administrator can use network management software called PJ Master (optional accessory), and be able to centrally control all PJ-Net Organizer-mounted projectors within the network.

24/7* OPERATION
A newly developed liquid crystal panel with an optical compensator that creates linear polarization, together with improved optical block cooling system, gives the PLV-WF20 the capability of being operated on a 24/7* basis.
* In order to maintain a stable lamp condition, at least one hour of rest for the projector is required in each 24-hour period.

3LCD

SANYO

Specifications

Resolution	WXGA (1366 x 800)
Brightness	6,000 ANSI Lumens (2-lamp mode) 3,000 ANSI Lumens (1-lamp mode)
Uniformity	90% (corner to center)
LCD Panel System	1.2" TFT p-Si x 3
Number of Pixels	3,278,400 (1,092,800 x 3)
Contrast Ratio	2000:1
Projection Lens	Lens Sold Separately
Image Size	Dependent on Lens
Aspect Ratio	17:10
Throw Distance	Dependent on Lens
Zoom/Focus	Dependent on Lens
Throw Ratio	Dependent on Lens
Zoom Ratio	Dependent on Lens
Power Lens Shift	Up/Down Ratio 10:-3 – -3:10 Left/Right Ratio 5:3 – 3:5 (Dependent on Lens)
Digital Keystone Correction	V +/- 40°, H +/- 20°
Projection Lamp	330W NSHA x 2
Scanning Frequency	H Sync: 15-120kHz, V Sync: 48-120Hz
Dot Clock	230MHz
Color System	PAL/PAL-M/PAL-N/SECAM/NTSC/NTSC4.43
Computer Compatibility	UXGA, SXGA+, SXGA, **WXGA**, XGA, SVGA, VGA
Voltage	100-120V,200-240V 50/60 Hz
BTU Rating	3242
dB Rating	50dBA
Power Consumption	950W
Dimensions (WxHxD)	20.9"x10.5"x29.8" (not including protrusion)
Net Weight	60.8lbs (w/o lens)
User Maintenance	Replace filter cartridge, Replace lamp assembly
Detachable Input Panels	
Input 1	Digital Visual Interface (DVI-D) ● Analog (D-sub15)
Input 2	RGBHV & Component &Composite (5-BNC) ●S-video (Mini DIN 4-pin)
Input 3	Open for Optional Board
Input 4	Open for Optional Board
Fixed Input / Output Panel	Serial in & Serial out (D-Sub 9 x 2) ● USB (type B) ● Wired RC jack (Stereo mini)
Included Accessories	Wired/RF Remote Control ● Two "AA" type batteries ● Owner's manual (CD-ROM & Quick Reference Guide) ● AC power cord ● VGA Cable ● Lens Mount Adapters (POA-LNA02 & POA-LNA01) ● Real Color Manager Pro CD-ROM
Optional Accessories	**POA-MD23ADI** – DVI-D & D-sub15 Board **POA-MD25VD3** – 5BNC Board & S-Video **POA-MD13NET2** – Network Board **POA-MD17SDID** – HD-SDI & SD-SDI Input Board **POA-LNA02** – Lens Mount Adapter (for LNS-W02, W02KS, M01, S01 lenses) **POA-LNA01** – Lens Mount Adapter (for all other lenses) **610 337 0262** – Replacement Lamp **645 095 3286** – Replacement Remote **610 335 9830** – Replacement Cartridge
Warranty	Three years parts and labor; 90 days original lamp; Quick Repair Program under warranty

Because its products are subject to continuous improvement, SANYO reserves the right to modify product design and specifications without notice and without incurring any obligations.

Lens Specifications

Type	Short Fixed	Short Zoom	On-Axis Short Fixed	Short Zoom	Short Zoom	Short Zoom	Short Fixed	Standard Zoom 2	Standard Zoom 3	Semi-Long Zoom	Long Zoom	Long Zoom
Part No.	LNS-W01Z	LNS-W02Z	LNS-W03	LNS-W04	LNS-W05	LNS-W06	LNS-W07	LNS-S02Z	LNS-S03	LNS-M01Z	LNS-T02	LNS-T03
Zoom	No	Yes (power)	No	Yes (power)	Yes (power)	Yes (power)	No	Yes (power)	Yes (power)	Yes (power)	Yes (power)	Yes (power)
Throw Ratio	1.65:1	1.95 – 2.5:1	1.1:1	2.1 – 2.8:1	1.3 – 1.8:1	1.6 – 2.1:1	0.8:1	2.8 – 3.6:1	3.6 – 4.8:1	4.8 – 6.2:1	6.1 – 8.5:1	8.7 – 12.4:1
F Stop	2.5	2.5 – 2.9	2.6	1.7 – 2.3	2.0 – 2.57	2.3 – 2.8	2.5	2.0 – 2.3	1.7 – 2.6	2.0 – 2.6	2.0 – 2.9	2.2 – 2.5
Lens Shift	10:-3 – -3:10	10:-3 – -3:10	1:1	10:-3 – -3:10	10:0 – 0:10	10:-3 – -3:10	1:1	10:-3 – -3:10	10:-3 – -3:10	10:-3 – -3:10	10:-3 – -3:10	10:-3 – -3:10
Weight	12.8 lbs.	5.5 lbs.	6.6 lbs	6.2 lbs.	6.6 lbs.	6.6 lbs.	6.6 lbs.	4.2 lbs.	8.2 lbs.	4.2 lbs.	6.8 lbs.	16.1 lbs.