PLC-XF60A

2-Lamp Multimedia HDTV Projector

*Lens sold separately

EXCEPTIONALLY BRIGHT, HIGH CONTRAST IMAGE
Rated to deliver a radiant 6500 ANSI Lumens (in 2-lamp mode), the PLC-XF60A delivers class-leading brightness in its class. A fully adjustable mechanical shutter helps boost the contrast ratio to 1300:1. A wide range of other image adjustment options, including keystone correction, Vertical/Horizontal lens shift (lens sold separately) and picture zoom, are also provided.

UNSURPASSED FULL 10-BIT IMAGE QUALITY
10-bit video processing of both luminance and RGB signals plus a 12-bit progressive IC produce a true high-definition picture with outstanding brightness and contrast. A separate 12-bit gamma correction IC ensures deep, rich blacks and superior edge detail. Progressive scanning with 3-2/2-2 pulldown and 1080i progressive technologies provide jitter-free digital video playback of filmed programming. New Real Color Manager Pro software simplifies set-up and helps maintain optimum performance

NEW ADVANCED TECHNOLOGIES
SANYO's PLC-XF60A incorporates a number of innovative new technologies to adapt to a broader range of applications. These include:
• Mechanical Shutter System clicks into place to block the lamp light the instant you turn off the image.
• Single intake/exhaust fan with filter LED for improved dust resistance and easy maintenance.
• New fan control with angle sensor allows 360° positions.
• Front panel interface for greater positioning flexibility
• New on-screen display with built-in test patterns provides quicker, more accurate set-up and calibration.

UNIQUE LENS MEMORY CAPABILITY
When used in conjunction with optional LNS-W04 or LNS-W06 lenses, zoom, focus and lens shift position can be programmed into memory. The POA-LNA04 (Lens Attachment) is required.

NETWORK CONNECTIVITY
The PLC-XF60A can be connected to a computer network via the optional Advanced PJ-Net board (POA-MD19NET) for management and control capabilities.
*Real Time Capture *Network Communication *Network Viewer
*Advanced Card Imager *E-mail Alert *Automatic On/Off
*Web Management by internet browser *Multi Control
*SNMP agent *SNMP Manager

SANYO

PRESENTATION TECHNOLOGIES

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Specifications

Resolution	1024 x 768 (XGA)
Brightness (typical)	6500 ANSI Lumens (2-lamp mode)
Uniformity	90% (corner to corner)
LCD Panel System	1.4" TFT Poly-Silicon w/ micro lens x 3
Number of Pixels	2,359,296 (786,432 x 3)
Contrast Ratio	1300:1
Projection Lens	Lens sold separately
Projection Image (diag.)	Dependent on lens (30" ~ 500" w/ LNS-S02Z)
Throw Distance	Dependent on lens
Zoom/Focus	Dependent on lens
Lens Shift	Powered (Up/Down/Left/Right)
Up/Down/Left/Right Ratio	Up/Down: 10:0 ~ 0:10 or 8:1 ~ 1:8 or 1:1 Left/Right: 3:2 ~ 2:3 or 1:1
Lens Position Memory	w/ LNS-W04 and W06 (Lens Shift/Zoom/Focus)
Digital Keystone Correction	Vert. +/- 35° , Horiz. +/- 20°
Projection System	Dichroic mirror & X prism w/ PBS
Lens Throw Ratio	Dependent on lens
Projection Lamp	300W UHP x 2
Scanning Frequency	H sync: 15kHz ~ 120kHz V sync: 48Hz ~ 120Hz
Dot Clock	230MHz or less
Color System	PAL/SECAM/NTSC/NTSC4.43/PAL-M/PAL-N
Computer Compatibility	UXGA/SXGA/WXGA (compression) **XGA**/SVGA/VGA/MAC
Voltage	100~240V AC, 50/60Hz, auto voltage
BTU Rating	3071
dB Rating	42dBA (normal)/39dBA (Eco mode)
Power Consumption	900W
Dimensions (W x H x D)	20.4" x 9.9" x 23.9" (not including Adjustable Feet)
Net Weight	54.5 lbs. (without lens)
User Maintenance	Clean air filters, replace lamp assembly
Input Terminals	
Input 1	Digital Visual Interface (DVI-D w/HDCP) • VGA (D-Sub15)
Input 2	RGB & Component (BNC x 5)
Input 3	Component & Composite (RCA x 3) • S-Video (Mini DIN 4-pin)
Input 4 (Detachable)	Expansion slot (Digital or Analog board)
Input 5 (Detachable)	Expansion slot (Digital board only)
Output Terminal	VGA (D-Sub15) through Input 1 Analog only • No Speaker in the projector
Control Terminals	Serial Port In/Out (D-Sub 9 x 2) • USB (Type A & Type B) • Wired R/C (mini-jack)
Exclusive Terminal	For Smoke Resistant Box
Included Accessories	Owner's Manual(CD-ROM) • Quick Manual • Wireless/Wired RF Remote Control w/Batteries (two "AA") • Warranty Card • VGA Cable • AC Power Cord(9.8ft) • Lens Attachment x 2 (POA-LNA04 & POA-LNA02) • Light Block Sheet x 2 • Real Color Management Pro Software(CD-ROM)
Optional Accessories	**Optional Lenses** (see below) **POA-SR140 (Smoke Resistant Box)** **POA-FIL140 (Replacement Filter for SR140)** **POA-MD19NET** (Advanced PJ-Net board) **POA-MD17SDID** (HD & SD Dual-SDI board) **POA-MD21WARP** (WARP & Blending board) **POA-MD09VD3** (Faroudja Progressive board) **POA-MD18DVI** (DVI w/HDCP board) **POA-MD04VGA** (D-Sub15 board) - Input4 only **POA-LNA02** (for W02, W02KS, M01, S01) **POA-LNA04 or LNA01** (for all other lenses) **6103157689** (Replacement Lamp)
FCC Rating	Class A, UL Listed

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.

Type	Short Fixed	Short Zoom	On-Axis Short Fixed	Short Zoom	Short Zoom	Short Zoom	On-Axis Short Fixed	Standard Zoom 1	Standard Zoom 2	Standard Zoom 3	Semi-Long Zoom	Long Fixed	Long Zoom	Ultra Long Zoom
Part No.	LNS-W01	LNS-W02	LNS-W03	LNS-W04	LNS-W05	LNS-W06	LNS-W07	LNS-S01	LNS-S02	LNS-S03	LNS-M01	LNS-T01	LNS-T02	LNS-T03
Zoom	No	Yes(power)	No	Yes(power)	Yes(power)	Yes(power)	No	Yes(power)	Yes(power)	Yes(power)	Yes(power)	No	Yes(power)	Yes(power)
Throw Ratio	1.5:1	1.8 – 2.3:1	1.0:1	2.0 – 2.6:1	1.2 – 1.7:1	1.5 – 2.0:1	0.7:1	2.3 – 3.7:1	2.6 – 3.3:1	3.3 – 4.5:1	4.5 – 5.8:1	8.9:1	5.6 – 8.0:1	8.1 – 11.6:1
F Stop	2.5	2.5 – 2.9	2.6	1.7 – 2.3	2.0 – 2.57	2.3 – 2.8	2.5	2.6 – 3.5	2.0 – 2.3	1.7 – 2.6	2.0 – 2.6	2.0	2.0 – 2.9	2.2 – 2.5
Lens Shift	8:1 – 1:8	8:1 – 1:8	1:1	8:1 – 1:8	8:1 – 1:8	8:1 – 1:8	1:1	10:0 – 0:10	10:0 – 0:10	8:1 – 1:8	8:1 – 1:8	8:1 – 1:8	8:1 – 1:8	8:1 – 1:8
Weight	12.8 lbs.	5.5 lbs.	6.6 lbs.	6.2 lbs.	6.6 lbs.	6.6 lbs.	6.8 lbs.	3.7 lbs.	4.2 lbs.	8.2 lbs.	4.2 lbs.	8.4 lbs.	6.8 lbs.	16.1 lbs.