

10000 LUMENS ● REAL 2K ● QuaDrive™ PROJECTOR

PLC-HF10000L

REAL 2K QuaDrive™ PROJECTOR



QuaDrive™



Built-in Network Maintenance Filter System



Active Maintenance Filter System



Optional Lens System



Lamp Management System



X-Y Power Len Shift

HIGHEST BRIGHTNESS OF 10,000 LUMENS WITH 2K RESOLUTION

The new projector supports 2K resolution which covers Full HD and can project real 2K resolution without any image compression. Two high-output lamps and a new optical engine have achieved the high brightness of 10,000 lumens. The new system uses three mirrors to achieve uniform light output from two lamps, reducing color irregularities and delivering a high image quality.

QUADRIVE OPTICAL ENGINE ALLOWS RICH COLOR REPRODUCTION

SANYO's Unique QuaDrive engine evolves into a new generation standard. The color control device in the QuaDrive optical engine allows the PLC-HF10000 to automatically control the amount of yellow light in the image, producing higher luminosity with improved color accuracy and clarity.

SUPER HIGH CONTRAST DESIGN

This advanced optical system and Durable Inorganic Optical System (D.I.O.S.) achieve high contrast to project high-quality images with rich black reproduction, maximizing the quality of the video signals.

HIGH RELIABILITY WITH ACTIVE MAINTENANCE FILTER SYSTEM (AMF)

The AMF sensor detects the intake air volume. If the volume is less than the prescribed level, the filter is automatically rotated and a clean filter surface is set in position. The filter can also be replaced easily without having to use any tools.

VARIOUS FEATURES FOR VERSATILE INSTALLATION

Equipped with 'Edge Blending function that allows what feels like boundary-less images with multi-image display possibilities. Built-in 'Color Matching' function correcting variations in color reproduction when using more than one projector. Capable of projecting two images simultaneously either using built-in picture-in-picture mode or picture-by-picture mode.

ADMINISTRATION NETWORK CONTROL

A built-in LAN allows for simple control and management of projectors via a CAT5 network connection. The administrator is able to centrally control all PJ-Net Organizer-mounted projectors within the network.

MECHANICAL SHUTTER SYSTEM

The mechanical shutter system cuts off light directly and immediately. This system fills the needs of variety professional of applications.

PRESENTATION TECHNOLOGIES

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Resolution	2K (2048 x 1080)	
Brightness (typical)	10000 Lm	
Contrast Ratio (Full on /off)	3000:1	
Image Size	40"-600" (Dependent on Lens)	
Aspect Ratio	17:9	
Projection Lamp	380W (2 Lamps)	
Scanning Frequency	H:15-120kHz, V:48-120Hz	
Fan Noise	39 dBA (eco)	
Voltage	100-240V	
Power Consumption	1000W (Normal), 800W (Eco)	
Input signal compatibility	WUXGA, UXGA, WSXGA+, SXGA+, WXGA+, XGA, SVGA, VGA, MAC 2K(24/25/30p/psf), 1080p/psf, 1080i, 1035i, 720p, 575p, 575i, 480p, 480i	
Color System	NTSC/PAL/SECAM/NTSC4.43/PAL-M/PAL-N	
Digital Keystone Correction	Vertical & Horizontal	
Speaker Output	N/A	
Weight (lbs)	60 lbs	
Dimensions (inch) W,H,D	20.9"x10.6"x29.8"	
Replacement Lamp	6103515939	
Replacement Remote	6451037282	
Replacement AMF Cartridge	POA-FIL180	
Lamp Life * (hours)	3000h (Eco)	
Input	PC/Video	DVI-D(HDCP) x 1 (Digital RGB) HDMI(Ver1.3) x 1 D-sub 15pin x 1 (RGB) 5-BNC x 1 (RGBHV, CV/Y-Pb/Cb-Pr/Cr) Mini-Din 4pin x 1 (S-Video)
	Audio	N/A
Output	PC/Video	N/A
	Audio	N/A
Other Feature	RJ45 x 1 (Wired LAN) D-sub 9-pin x 1 (Control in/out) USB (type B) x 1 R/C Jack x 1 (Wired remote control) Interface board slot x2	
Included Accessories	Power cord VGA cable Remote control Block Sheet x 2 AA battery x 2	Quick Reference guide Owner's manual Real Color Manager Pro Pin code label
Optional Interface Board	POA-AMD23ADI POA-AMD25VD3 POA-AMD17SDID POA-AMD22SDIDL	(DVI/D-Sub15 interface) (5BNC/S-Video interface) (HD/SD-SDI interface) (Dual Link SDI interface)
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.

* Lamp / filter life may vary due to room conditions, usage, and maintenance. The replacement time is a general estimate. The brightness of a lamp usually decreases over time and use.

LENS OPTIONS

Model	Type (Zoom)	Image Size	U/D Ratio	Throw Ratio	F Stop
LNS-W03	Wide (Fixed)	40"-600"	1:1	0.8:1	2.6
LNS-W01Z	Wide (Fixed)	40"-600"	10:0-0:10	1.2:1	2.5
LNS-W06	Wide (x1.3)	40"-600"	10:0-0:10	1.2-1.5:1	2.3-2.8
LNS-W02Z	Wide (x1.3)	40"-600"	10:0-0:10	1.4-1.8:1	2.5-2.9
LNS-W04	Wide (x1.3)	40"-600"	10:0-0:10	1.5-2.0:1	1.7-2.3
LNS-S04	Standard (x1.3)	60"-600"	10:0-0:10	2.0-2.6:1	2.0-2.3
LNS-S03	Standard (x1.3)	100"-600"	10:0-0:10	2.6-3.5:1	1.7-2.6
LNS-M02	Long (x1.3)	60"-600"	10:0-0:10	3.5-4.5:1	2.0-2.6
LNS-T02	Long (x1.4)	40"-600"	10:0-0:10	4.4-6.2:1	2.0-2.9
LNS-T01Z	Long (Fixed)	40"-600"	10:0-0:10	6.9:1	2.0
LNS-T03	Ultra Long (x1.4)	40"-600"	10:0-0:10	6.3-9.0:1	2.2-2.5

*LNS-S02Z and LNS-M01E/Z are not applicable