

# 7000 ANSI LUMENS ● 1080P HD ● QUADRIVE™ PROJECTOR

## PLC-HP7000L

### 1080P HD QuaDrive™ PROJECTOR



QuaDrive™



Built-In Network



PJ-Net Organizer Plus



Optional Lens System



X-Y Power Len Shift



Active Maintenance Filter System

#### 1080P, HIGH BRIGHTNESS OF 7,000 LUMENS

The new projector PLC-HP7000L supports Full HD resolution without any image compression. Advanced optical QuaDrive™ engine achieves the high brightness of 7000 lumens with just one high-output lamp in the compact black long-lasting body.

#### QUADRIVE™ ENGINE ALLOWS RICH COLOR AND HIGH CONTRAST

SANYO's Unique QuaDrive™ engine evolves into a new generation standard. The color control device in the QuaDrive™ optical engine allows the PLC-HP7000L 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.

#### ACTIVE MAINTENANCE FILTER (AMF) FOR EASY MAINTENANCE

Minimal maintenance and repair was essential for the PLC-HP7000L, so it was outfitted with SANYO's exclusive Active Maintenance Filter (AMF). AMF is a single filter cartridge that contains the equivalent of 10 filters, reducing the burden of maintenance. It also has an airflow sensor to detect when the airflow is obstructed by dust, the filter automatically advances.

#### NETWORK CONNECTIVITY

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 built-in LAN projectors in the network. Besides built-in network, optional PJ-Net Camera (POA-PN03C) and PJ Master Software are available.

#### CRESTRON ROOMVIEW™ /AMX DEVICE DISCOVERY COMPATIBILITY

PLC-HP7000L supports Crestron RoomView™ and AMX Device Discovery which facilitates the remote management and centralized control.

#### VARIOUS FEATURES FOR VERSATILE INSTALLATION

When blending 2 or more projectors, the projector has versatile functions. 'Edge Blending' function allows lifelike boundary-less images with multi-image displays. And built-in 'Color Matching' function corrects variations in color reproduction for multiple projector usage.

#### BUILT IN MECHANICAL SHUTTER

A special mechanical shutter has been included behind the lens, open/close controllable with the remote control, which darkens the screen in a moment.

#### PRESENTATION TECHNOLOGIES

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Resolution	1080p (1920 x 1080)	
Brightness (typical)	7000 Lm	
Contrast Ratio	2700:1	
Image Size	Dependent on Lens	
Aspect Ratio	16:9	
Projection Lamp	380W	
Scanning Frequency	H:15-120kHz, V:48-100Hz	
Fan Noise	42.0 / 38.0 (Normal / Eco)	
Voltage	100-240V	
Power Consumption	520W / 430W (Normal / Eco)	
Input signal compatibility	WUXGA, UXGA, WSXGA+, SXGA+, WXGA+, XGA, SVGA, VGA, MAC, 1080p/psf, 1080i, 1035i, 720p, 575p, 575i, 480p, 480i	
Color System	PAL/PAL-M/PAL-N/SECAM/NTSC/NTSC4.43	
Up / Down Ratio	Dependent on lens	
Digital Keystone Correction	Vertical & Horizontal	
Speaker Output	No	
Weight (lbs)	25.6 Lbs	
Dimensions (inch) W,H,D	14.6"x7.4"x17.3"	
Replacement Lamp	# 610 357 0464	
Replacement Remote	# 645 105 0809	
Replacement AMF Cartridge	POA-FIL131	
Lamp Life * (hour)	3000h	
Input	PC/Video	HDMI(1.3b) x 1 (HDCP) DVI-D x1 (Digital RGB, HDCP) D-sub 15 x 1 (RGB, Scart RGB) 5BNC x1 (G B R H/V V) (Video/Y Pb/Cb Pr/Cr) Mini DIN 4pin x 1 (S-Video) RCA x 1 (Composite Video, Y) RCA x 2 (Pb/Cb, Pr/Cr)
	Audio	N/A
Output	PC/Video	D-sub 15 x 1 (Monitor out)
	Audio	N/A
Other Feature	D-sub 9-pin x 1 (Control port) RJ-45 x 1 (Wired LAN) Mini jack x 1 (Wired R/C) USB (type B) x 1	
Included Accessories	Power cord VGA cable Lens mount cover Lens attachment Remote control AAA battery x2	Quick reference guide Owner's Manual (CD-Rom) Network Owner's Manual PIN code label Light block sheet USB cable (for mouse)
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-W34	On-Axis Short (Fixed)	40"-600"	1:1	0.8:1	2.3
LNS-W33	Short (x1.4)	40"-600"	10:0 - 1:1	1.3-1.8:1	2.1-2.8
LNS-S32	Standard (x1.3)	40"-600"	10:0 - 1:1	1.8-2.3:1	1.7-2.1
LNS-T34	Long (x1.8)	40"-600"	10:0 - 1:1	2.3-4.2:1	2.0-2.8
LNS-T32	Ultra Long (x1.4)	40"-400"	7:1 - 1:1	4.2-5.7:1	2.0-2.7
LNS-T33	Ultra Long (x1.5)	60"-400"	7:1 - 1:1	5.7-8.9:1	2.2-2.7