

# 8000 LUMENS ● 1080P HD ● HIGH BRIGHTNESS DLP® PROJECTOR

## PDG-DHT8000L

### 1080P HD HIGH BRIGHTNESS DLP® PROJECTOR



DLP®



**Built-in Network**



**Active Maintenance Filter System**



**Optional Lens System**



**Lamp Management System**



**X-Y Power Len Shift**

#### 8,000 LUMENS, AND FULL HD VIDEO FOR A HIGH BRIGHTNESS AND SUPERIOR IMAGE

This projector is designed to handle 1080p HD (1920 x 1080) high quality resolution image projection. Attention to detail and accuracy allows use of the projector in more demanding situations, such as specialized design fields or CAD applications. The PDG-DHT8000L has two different types of user-changeable color wheels. A 6 segment color wheel provides rich color reproduction and a 4 segment wheels offers higher brightness.

#### DUST-RESISTANT SEALED OPTICAL ENGINE WITH PELTIER COOLING SYSTEM FOR SILENT, AND HIGHLY DURABLE PROJECTION

The new sealed optical engine uses a peltier element. It cools the DLP® chip silently and it reduces fan noise. The cooling system design prevents dust build-up while maintaining optimal brightness and contrast.

#### HIGHLY DURABLE ACTIVE MAINTENANCE FILTER (AMF) SYSTEM

The AMF can block dust and rotate automatically by monitoring intake air volume. When the filter is clogged, a new filter automatically advances up to 10 times. This cartridge can be used up to 35000 hours(Eco mode).

#### ADDITIONAL 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.

#### 24/7 FEATURE "LAMP INTERVAL FUNCTION"

The lamp interval" function can be used to automatically switch the lamp that is turned on to an alternate lamp after a programmable period of time in order to reduce the initial lamp deterioration. A user can select from [Off/Auto/200h/500h/1000h/2000h] or 24h" interval time, and rotate each lamp for 24/7 usage.

#### LENS OPTIONS

Model	Type (Zoom)	U/D Ratio	Throw Ratio	F Stop
LNS-W52	Short (Fixed)	1:1	0.8:1	2.0
LNS-W53	Short (x1.48)	21:-1 ~ -1:21	1.2 ~ 1.8:1	2.4 ~ 2.7
LNS-W51	Short (x1.25)	6.65:-1 ~ -1:6.65	1.2 ~ 1.5:1	2.3 ~ 2.7
LNS-W50	Short (x1.20)	6.65:-1 ~ -1:6.65	1.5 ~ 1.8:1	2.0 ~ 2.1
LNS-S51	Standard (x1.56)	21:-1 ~ -1:21	1.8 ~ 2.8:1	2.0 ~ 2.7
LNS-S50	Standard (x1.56)	6.65:-1 ~ -1:6.65	1.8 ~ 2.8:1	2.0 ~ 2.6
LNS-T50	Long (x1.80)	6.65:-1 ~ -1:6.65	2.8 ~ 5.0:1	2.0 ~ 2.9
LNS-T51	Ultra Long (x1.67)	6.65:-1 ~ -1:6.65	4.8 ~ 8.0:1	2.3 ~ 3.2

#### PRESENTATION TECHNOLOGIES

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Resolution	1080p HD (1920 x 1080)	
Brightness (typical)	8000 Lm	
Contrast Ratio (Full on /off)	7500:1	
Image Size	50"-600"	
Aspect Ratio	16:9	
Projection Lamp	330W	
Scanning Frequency	H:15-120kHz, V:48-120Hz	
Fan Noise	35 dBA (Eco)	
Voltage	100-240V	
Power Consumption	789W (Eco)	
Input signal compatibility	WUXGA , UXGA , WSXGA+ , SXGA+ , SXGA , WXGA , XGA , SVGA , VGA , MAC 1080p/psf/i, 720p, 575p/i, 480p/i	
Color System	NTSC/PAL/SECAM/NTSC4.43/PAL-M/PAL-N	
Up / Down Ratio	Dependent on lens	
Digital Keystone Correction	V +/- 30° , H +/- 30°	
Speaker Output	N/A	
Weight (lbs)	43.2 lbs (without Lens)	
Dimensions (inch) W,H,D	15.7 x 9.5 x 20.6	
Replacement Lamp	# 610 350 6814	
Replacement Remote	# 645 099 0199	
Replacement AMF Cartridge	POA-FIL090	
Lamp Life * (hours)	3000h (Eco)	
Input	PC/Video	DVI-D x 1 (HDCP), HDMI x 1(v1.3 with Deep Color) 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)
	Audio	none
Output	PC/Video	D-sub 15 x 1
	Audio	none
Other Feature	D-sub 9-pin x 1 (Control port), USB (type B) x 1 RJ-45 x 1 (Wired LAN), Interface board slot x2 Mini jack x 1 (Wired R/C)	
Included Accessories	6-seg color wheel x2 Power cable RGB cable Remote control	Owner's manual(CD-ROM) Network Owner's manual PIN code label AA battery x 2
Optional Interface Board	POA-AMD23ADI POA-AMD25VD3 POA-AMD17SDID	(DVI/D-Sub15 interface) (5BNC/S-Video interface) (HD/SD-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 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.



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