

PLX8000HD 3 LCD PROJECTOR

BASIC FEATURES

- * Perfect Image quality With a Pixelworks™ Processor and SONY "BrightEra" 3 LCD Technology
- * 3500 ANSI Lumens Brightness (Typical), Native 1024x768 Pixels resolution.
- * True Color 3LCD For Home Cinema & School Education more better than other Type.
- * 3LCD for PLX8000 Get a perfect color and image quality more than DLP Technology.
- * 2500:1 Contrast Ratio, Zoom Lens, 230W USHIO Lamp 6000 Hrs Life.
- * Auto signal search and Distinctive Vertical $\pm 40^\circ$ Auto Keystone Correction...
- * 18 OSD User language for Global Government's Education tender market Perfect choice.
- * With HDMI Port, Digital connectivity, HDMI-Perfect Full HD display



BASIC PARAMETERS:

Display Technology	3LCD x 0.63" Sony Polycilicon	
Native Resolution	XGA/ 1024x768 Pixels (PLX8000HD)	
Max. Computer Input	UXGA	
Max. Video Input	1080P	
Brightness	3,500 ANSI Lumens (Std)	
Contrast	2500:1 Contrast Ratio by VGA terminals, dynamic contrast ratio up to 10000:1 via HDMI	
Noise Level	28/30dB (ECO/BRIGHT mode)	
Aspect Ratio	4:3 Native, 16:9 Compatible	
Projection Method	Front, Rear, Ceiling, Table Top; Projection Image support horizontal and vertical flip	
Weight	2.5 kg	
I/O Connectors	Inputs:	PC/Video: 15 Pin D-sub (RGB/YPbPr/SCART), S-Video, Composite/VGA in x 2
	HDMI:	HDMI Terminal output Support HD 1.1~1.4
	Outputs:	VGA Out x 1, Audio output x 1
	Control:	RS232 x 1
Preset Mode	PC:	For computer or notebook (Brightest image)
	Movie:	Maximum contrast and Colour accuracy
	Game:	Bright vivid colour
	sRGB:	For Standard PC Colour (Best Colour Reproduction)
	User:	Memorises user's settings
Maximum Resolution	Full HD 1920 x 1080 Pixels via HDMI Terminal	
Computer Compatibility	Standard 1080P (1920x1080), WSXGA+, WXGA+, WXGA (1280x800/1280x768), UXGA, SXGA, XGA, SVGA, VGA, Mac...	
Video Compatibility	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080P, 720p)	
Displayable Colours	1.07 Billion	
Projection Lens	F: 2.3 - 2.5, 1.2x Optical zoom, f = 18.82-22.60mm, 1/4 ~16 Digital zoom	
Throw Ratio	1.95 - 2.15:1	
Projection Screen Size	1.4m~12.7m (30" - 300") Diagonal 16:9	
Projection Distance	1.2 - 12 metres	
Horizontal Scan Rate	15.3 - 91.1kHz	
Vertical Scan Rate	24 - 85Hz	
Lamp Type/Lamp Life	230W, 6000/5000 hours (ECO/BRIGHT mode)	
Keystone Correction	$\pm 40^\circ$ Vertical	
Dimensions (W x D x H)	327 x 241 x 87mm	
Remote Control	Full function remote with direct source selecting	
Power Supply	100-240V, 50-60Hz	
Power Consumption	280W BRIGHT mode < 1W Standby mode, 250W STD mode < 1W Standby mode	
Operating Conditions	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m	
Uniformity	90%	
Security	Kensington Lock, Password Protection	
Standard Accessories	AC Power Cord, VGA Cable, Remote Control, Quick Start Card, CD User Manual, Warranty Card	
Optional Accessories	Ceiling Mount Kit, Additional Ultra long Cable	
Warranty	Projector 5-Years, lamp six months or 500Hrs	
Outstanding Feature	<ul style="list-style-type: none">● Customised startup logo.● One-key Blank Screen.● Image zoom out/in.● Kensington lock/Anti-theft Bar/Triple Password Protection● Image Freezing, Zoom & Panning● Auto Power-Off on Signal Sourcing Failure● Auto Detection of Input Source, Auto Synch.● Lamp & Filter countdown● High-speed Power on/off	

ABOUT VIVIBRIGHT PLX8000HD

3LCD COLOR REDUCTION



3LCD technology is the use of the dichroic mirror decomposition of white light emitted red, green and blue color beams, three-color beam through the prism through their own LCD panels synthesis projected onto the screen. Compared with other projection systems, 3LCD projection system, a wider color gamut, the projected image is richer real



With 3LCD color reduction



without 3LCD color reduction

THICKENING OF DUSTPROOF NETS

In the projector profile, equipped with removable dustproof nets, sponge thickness is greater than 5 mm, isolate effectively smoke, dust invaded, more may at any time convenient to remove, cleaning, maintenance more easily...



AUTOMATIC KEYSTONE CORRECTION

Projection display for any environment, automatic keystone correction for Front, Rear, Ceiling, the Table the Top ...



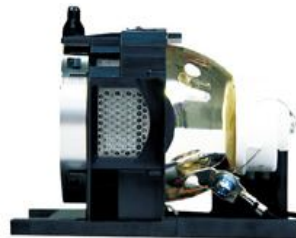
EFFICIENT DUST - PROOF, STRONG HEAT DISSIPATION

Wide flow cooling solution, Optimized cooling design, the use of multi-point thermal dedicated airflow import / export, powerful blow in addition to the accumulated heat within the Projector; even in the thin air at high altitudes also stable.



230W CERAMIC MATERIALS, 6000 HRS LONG LIFE BULB IN THE 3LCD PROJECTOR PRODUCTS FIELD:

- Use USHIO 230W top high-pressure mercury lamp bubble, compact, high brightness, no glare, reliability four aspects the ascension, highly higher, longer life (6000 Hrs ECO), which reduces the cost, and to make the performance of high performance projector get more fully embody.
- Also with higher brightness, The more the little calorific value, because we used the ceramic materials.



- Whether DLP technology, or 3 LCD technology, traditional projector bulb just 4000 Hrs life, But we used the USHIO 230 W top high-pressure mercury lamp, support to 6000 Hrs life, it More than DLP technology type.

With SONY "BrightEra" 3 LCD Technology

What is "BrightEra"?

"BrightEra" microdisplay devices are HTPS TFT transmissive LCD devices that employ an inorganic alignment film and new LCD materials, which Sony led the industry in successfully developing.

This inorganic alignment film and new LCD materials are original technologies developed by Sony to achieve the high picture quality and high durability of the reflective.

The "BrightEra" is a trademark of Sony Corporation.

BrightEra™



FOR PLX8000HD SERIES PRODUCT CHARACTERISTIC:

- PLX8000 series are multi-function models of diverse utilities including education, business and home entertainment. By adoption of 0.63 inch inorganic 3LCD panels: PLX8000 series deliver sharp and brilliant image with high brightness up to 3500 lumens.