SONY

VPL-DX100

2,300 lumens XGA Desktop projector

Overview

Cost effective 3LCD XGA data projector with 1024 x 768 dots resolution

The VPL-DX100 delivers convenient features for portable use, including a compact and lightweight design that is also energy-efficient, and a focus on lower total cost of operation. The data projector also delivers several powerful features shared across Sony's full line of business projectors. Sleek, compact styling and low weight make the VPL-DX100 perfect for portable use. It is also economically designed for optimum energy efficiency, thanks to its Auto Power Saving function with lamp control technology, energy-saving design, and long-lasting lamp.

Features

Compact, lightweight design

The VPL-DX100 has a compact and lightweight body with a small footprint of approximately 315 x 75 x 230.5 mm (12 13/32 x 2 15/16 x 9 1/16 inches) and a light weight of approximately 2.5 kg (5 lb 7 oz).

Auto power saving functions

The brightness of the lamp's output is automatically adjusted depending on the brightness of the projected image, to avoid unnecessary power consumption. After

10 seconds of a static signal feed, the lamp dims by approximately 15%, which is hardly noticeable. If one of these projectors is left powered on while not in use, after a set period of time it will automatically detect no change of signal input and will dim the lamp to as low as approximately 30% of original brightness to significantly reduce energy consumption. The VPL-DX100 can also temporarily disable video signal output.

Long-lasting lamp and energy saving design

By incorporating high-performance lamp and advanced lamp-control technology, the VPL-DX100 offers a recommended lamp replacement time of 7,000 hours (in low mode). The VPL-DX100 offers remarkably low power consumption, allowing users to make significant savings on their electricity expenses. With a single push of the ECO MODE key on either the projector or the supplied Remote Commander™ unit, user can select an energy-saving setting from the ECO Mode menu.

RGB and HDMI inputs

VPL-DX100 includes a speaker (1 W) and a variety of interfaces (RGB, HDMI) that accept a variety of inputs signals.

Brilliant colour performance with 1.2x optical zoom lens

The VPL-DX100 adopts a 3LCD projection system incorporating three LCD panels. This system enables each projector to present bright and natural images. By combining an advanced generation of inorganic LCD panels that utilise Sony’s BrightEra™ technology with a 3LCD projection system, the VPL-DX100 offers high picture quality and brightness.

12-bit 3D gamma correction and I/P conversion and film mode

The VPL-DX100 projector incorporates 12-bit 3D gamma

correction circuitry to perform highly accurate gamma correction, achieving smoother gradations and a richer grey scale. Smooth, high-quality images are reproduced using a high performance processor for I/P conversion. Source signals suitable I/P conversion are processed automatically, and extremely accurate images are reproduced.

Closed captioning

Official teletext broadcasting, developed by the NCI, USA

Specifications

Generic Specifications

Display system	3 LCD system
Display device : Size of effective display area	0.63” (16.0 mm)
Display device : Number of pixels	XGA (1024 x 768)
Display device : Aspect ratio	4:3
Projection lens : Focus	Manual
Projection lens : Zoom > Powered / Manual	Manual
Projection lens : Zoom > Ratio	Approx. 1.2 x
Projection lens : Lens shift >	–

Powered / Manual	
Projection lens : Lens shift > Range > Vertical	–
Projection lens : Lens shift > Range > Horizontal	–
Projection lens : Throw ratio	1.47:1 to 1.77:1
Light source : Type	Lamp
Light source : Wattage	210 W type
Light source : System	–
Recommended lamp replacement time(The figures are the expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used) : Lamp mode: High	3000 H
Recommended lamp replacement time(The figures are the expected	

maintenance time and not guaranteed. They will depend on the environment or how the projector is used) : Lamp mode: Standard	5000 H
Recommended lamp replacement time(The figures are the expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used) : Lamp mode: Low	7000 H
Recommended lamp replacement time(With two lamp sequential use) : Filter cleaning / replacement cycle(The figures are the expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used) (Max.)	1000 H (cleaning)

Screen size	30” to 300”
Screen size	(0.76 m to 7.62 m)
Light output : Lamp mode: High	2300 lm
Light output : Lamp mode: Standard	1800 lm(The values are estimatel)
Light output : Lamp mode: Low	1500 lm(The values are estimatel)
Color light output : Lamp mode: High	2300 lm
Color light output : Lamp mode: Standard	1800 lm(The values are estimatel)
Color light output : Lamp mode: Low	1500 lm(The values are estimatel)
Contrast ratio (full white / full black) (This value is average)	2500:1
Input : Composite video > BNC	–
Input : Composite video > Pin Jack	1
Input : S video > Mini DIN 4-pin	–
Input : Computer > 5BNC	–

Input : Computer > Mini D-sub 15-pin	1
Input : Component	–
Input : DVI-D (HDCP)	–
Input : HDMI (HDCP)	1
Input : Audio > Pin Jack (L/R)	–
Input : Audio > Stereo mini jack	1
Option board slot	–
Output : Monitor > Mini D-sub 15-pin	–
Output : Audio(Works as an audio switcher function. Output from a selected channel; not available in standby) > Stereo mini jack	–
I/O, Control, Others : RS-232C > D-sub 9-pin	–
I/O, Control, Others : LAN > RJ-45, 10BASE-	–

T/100BASE-TX	
I/O, Control, Others : IR (Control S) input > Stereo mini jack, Plug in power DC 5 V	–
I/O, Control, Others : IR (Control S) output > Stereo mini jack	–
I/O, Control, Others : USB > Type A	–
I/O, Control, Others : USB > Type B	–
I/O, Control, Others : Microphone input > Mini jack	–
I/O, Control, Others : Wireless	–
Speaker	1 W x 1 (monaural)
Keystone correction (Max.) (Depends on resolution) : Vertical	+/- 30°
Keystone correction (Max.) (Depends on resolution) : Horizontal	–

Power requirements	AC 100 V to 240 V
Power requirements	2.9 A to 1.2 A, 50/60 Hz
Power consumption : AC 100 V to 120 V > Lamp mode: High	275 W
Power consumption : AC 100 V to 120 V > Lamp mode: Standard	228 W(The values are estimatel)
Power consumption : AC 100 V to 120 V > Lamp mode: Low	195 W(The values are estimatel)
Power consumption : AC 220 V to 240 V > Lamp mode: High	263 W
Power consumption : AC 220 V to 240 V > Lamp mode: Standard	221 W(The values are estimatel)
Power consumption : AC 220 V to 240 V > Lamp mode: Low	189 W(The values are estimatel)
Standby mode power consumption : AC 100 V to 120 V >	–

Standard	
Standby mode power consumption : AC 100 V to 120 V > Low	
Standby mode power consumption : AC 220 V to 240 V > Standard	_
Standby mode power consumption : AC 220 V to 240 V > Low	
Heat dissipation : AC 100 V to 120 V	939 BTU
Heat dissipation : AC 220 V to 240 V	898 BTU
Dimensions (W x H x D) (without protrusions)	315 x 75 x 230.5 mm
Dimensions (W x H x D) (without protrusions)	12 13/32 x 2 15/16 x 9 1/16 in
Mass	2.5 kg / 5 lb 7 oz
Supplied accessories : Remote	RM-PJ8

commander	
Supplied accessories : Wireless LAN Module	–
Optional accessories : Replacement lamp	LMP-D213
Optional accessories : Projection lenses	–
Optional accessories : Projection lens adapter	–
Optional accessories : Interactive pen device	–
Optional accessories : Wireless LAN Module	–

Notes

Environmental notice for customers in the	Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information,

USA	please contact your local authorities or see www.sony.com/mercury for additional information.

Gallery