SONY

VPL-DX120

2,600 lumens XGA Desktop projector

Overview

Designed for the corporate sector to enable them to work smarter and create business-driving impact, the new VPL-DX120 is the perfect desktop projector, delivering clear, crisp, bright presentations in any meeting room environment

For great Performance, easy convenience and environmental responsibility, the VPL-DW120 is the perfect choice for the corporate meeting room and executive boardroom.

Sony's BrightEra Panels delivers higher picture quality, substantially brighter images, higher efficiency, consistent colour stability and longer durability and usability.

The VPL-DX120 offers 2600lm of brightness, XGA resolution, 1.2 times optical lens Zoom, 2500:1 contrast ratio, RGB, HDMI digital input , Video capability and all in a chassis weighing less than 2.5kg. Easy to carry, set-up and power down, they are ideal for small to medium-sized rooms.

With environmentally-conscious features that ensure low total cost of ownership, the projector provides 7,000 hours of recommended lamp replacement time, three brightness mode, auto lamp dimming and auto picture dimming, making the VPL-DW120 one of the most environmentally-friendly projectors on the market today .

Features

- **Maximum 2600 lumens brightness with High, Standard and Low modes**

  The VPL-DX120 features three brightness modes for your different uses – High for naturally white presentations in bright rooms, Standard for everyday use, and Low for video in darkened rooms.

- **1.47:1 to 1.77:1 throw ratio**

  The VPL-DX120 offers a throw ratio that accommodates the majority of installation replacements in all corporate environments.

- **3LCD BrightEra Technology**

  Sony's 0.63 inch BrightEra inorganic TFT 3-LCD panels deliver improved panel light resistance, higher resolution, high brightness and increased panel reliability.

- **7000 hours long-lasting lamp**

  New driving scheme reduces gap expansion that reduces brightness gradation and a new cooling system allows uniformity in the temperature of the glass bulb which prevents the glass from clouding.

- **ECO Mode Key**

  Users can easily select power-saving ECO Modes. The most energy-efficient mode is accessible through a single button-push and further adjustments are available through an easily understood menu system.

- **Lamp Dimming**

  Reduce power consumption without user detection or after a user pre-set time, reduce brightness and power consumption up to 30% power usage for ultimate power savings.

- **Auto Mode (Auto Brightness Adjustment Function)**

  Adjust brightness depending on picture, The darker the picture, the less energy used by the lamp. (Max 70% Lamp power reduction based on image).

- **Picture Mute - (Instant off / Instant On)**

  New Picture Mute reduces power consumption down to 30% power usage, saving cost and lamp hours. No need to power complete off and turn back on that does increase power consumption and time consuming.

- **ECO Gauge**

  At time of projector shut down an ECO achievement indication (gauge) appears to show the user how well they have used their projector. The more ECO features used, the better the ECO green leaf mark. (Calculated by use of ECO Functions and actual lamp wattage)

- **Vertical Keystone Adjustment**

  The projector can correct keystone distortion by +/- 30% for perfect installation adjustment to the smart board or screen. (Note that since this is an electronic correction, it will reduce the picture quality slightly).

- **Smart APA (Auto Pixel Alignment)**

  When a computer is used as a picture source, APA automatically optimises Phase, Pitch and Shift values. These can also be adjusted manually.

- **Digital Zoom**

  With Digital Zoom, if you are displaying a computer-sourced image, you can enlarge a selected area of the

screen image up to four times.

- **Off and Go**

  At the end of a presentation, you can turn off the power supply to the projector immediately, instead of going through a 'power down' cycle.

- **Direct Power On/Off**

  With this function, there is no need to go through 'Standby' mode when powering up the projector. The projector can be set to activate as soon as power is applied.

- **Filter replaced at the same time as lamp**

  The filter only needs to be changed when a new lamp is fitted, potentially halving disruption due to maintenance.

- **Multiple Picture Modes**

  The VPL-DX120 has six picture modes (Dynamic, Standard, Game, Blackboard, Cinema and Presentation) that can be selected to suite the nature of the source material.

- **Built-in security measures**

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Technical Specifications

Display system	
Display system	3 LCD system

Display device	
Size of effective display area	0.63” (16.0 mm)
Number of pixels	XGA (1024 x 768)
Aspect ratio	4:3

Projection lens	
Focus	Manual
Zoom > Powered / Manual	Manual
Zoom > Ratio	Approx. 1.2 x
Throw ratio	1.47:1 to 1.77:1

Light source	
Type	*1 lamp
Wattage	210 W type

Recommended lamp replacement time*2	
Lamp mode: High	3000 H
Lamp mode: Standard	5000 H
Lamp mode: Low	7000 H

Filter cleaning / replacement cycle*2 (Max.)	
Filter cleaning / replacement cycle*2 (Max.)	1000 H (cleaning)

Screen size	
Screen size	30” to 300” (0.76 m to 7.62 m)

Light output	
Lamp mode: High	2600 lm
Lamp mode: Standard	1900 lm*3
Lamp mode: Low	1700 lm*3

Color light output	
Lamp mode: High	2600 lm
Lamp mode: Standard	1900 lm*3
Lamp mode: Low	1700 lm*3

Contrast ratio (full white / full black)*4	
Contrast ratio (full white / full black)*4	2500:1

Input	
Composite video > Pin Jack	1
Computer > Mini D-sub 15-pin	1
HDMI (HDCP)	1
Audio > Stereo mini jack	1

Speaker	
Speaker	1 W x 1 (monaural)

Keystone correction (Max.)*5	
Vertical	+/- 30°

Power requirements	
Power requirements	AC 100 V to 240 V 2.9 A to 1.2 A, 50/60 Hz

Power consumption	
AC 100 V to 120 V > Lamp mode: High	282 W
AC 100 V to 120 V > Lamp mode: Standard	227 W*3
AC 100 V to 120 V > Lamp mode: Low	193 W*3
AC 220 V to 240 V > Lamp mode: High	270 W
AC 220 V to 240 V > Lamp mode: Standard	219 W*3
AC 220 V to 240 V > Lamp mode: Low	187 W*3

Standby mode power consumption	
AC 100 V to 120 V > Low	0.5 W
AC 220 V to 240 V > Low	0.5 W

Heat dissipation	
AC 100 V to 120 V	962 BTU
AC 220 V to 240 V	922 BTU

Dimensions (W x H x D) (without protrusions)	
Dimensions (W x H x D) (without protrusions)	315 x 75 x 230.5 mm 12 13/32 x 2 15/16 x 9 1/16 in

Mass	
Mass	2.5 kg / 5 lb 7 oz

Supplied accessories	
Remote commander	RM-PJ8

Optional accessories	
Replacement lamp	LMP-D213

Notes

- *1 Ultra high pressure mercury.

*2	The figures are the expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used.
*3	The values are estimate.
*4	This value is average.
*5	Depends on resolution.

Accessories

Lamps

LMP-D213

Replacement Lamp for the VPL-D100 Series