

Bright, Stylish, and a User Friendly Design – The VPL-ES3 Data Projector is an Excellent Choice for Education and Business

The Sony VPL-ES3 is an extremely affordable data projector that is ideal for a wide range of applications from education to business. This projector has a stylish body and provides a brightness of 2000 ANSI lumens*1 with a native SVGA resolution (800 x 600). Also, because the VPL-ES3 comes equipped with a short focal-length lens, the unit can project a large screen size from a very short distance. The supplied card-type Remote Commander™ unit also allows users quick and effective control. In addition, the VPL-ES3 has very low fan noise, a password authentication system, and includes a variety of interfaces such as a monitor output, audio output, and RS-232C for control. All of these features combine to make the VPL-ES3 a user-friendly projector, ideal for both classrooms and conference rooms.



*1 ANSI lumen is a standard measuring method of the American National Standards Institute IT7.228. Since there is no uniform method of measuring brightness, specifications will vary among manufacturers.

FEATURES

High Brightness and High Picture Quality

The VPL-ES3 incorporates three high aperture 0.63-inch LCD Panels, offering native SVGA (800 x 600) resolution. With a 165W lamp, the VPL-ES3 achieves a brightness of 2000 ANSI lumens.

3LCD Projection System

Because the VPL-ES3 uses a 3LCD projection system, projected images are bright and natural. 3LCD is a projection system using three LCD panels (also known as high-temperature polysilicon or HTPS). This system provides high light transmission and excellent color reproduction. It also provides smooth gradients in dark areas, and even helps prevent color breakup.



Short Projection Distance

The VPL-ES3 comes equipped with a short focal-length lens, which make it possible to project images from a short distance. For example, a 60-inch image*2 can be projected from a distance of approximately 1.8 meters (6 feet).

Low Fan Noise

The VPL-ES3 is designed to minimize fan noise to only 29 dB, when the lamp mode is set to STANDARD. This allows audiences to concentrate on the speaker during presentations.

Password Authentication System (Security Lock)

Once a user sets a password, the projector cannot be used without it. This function helps prevent unauthorized use of the projector.

User Friendly Design

The control panel located on the top of the unit is arranged for easy operation. Also, the unit's front exhaust system causes less disruption to individuals seated on either side of the projector.

Useful Remote Commander Unit

The supplied card-type Remote Commander unit can be used to adjust key projector settings such as digital zoom, picture freeze, and audio volume. Also, because IR receivers are located on both the front and rear of the projector, the Remote Commander unit can be used from almost anywhere in the room.

Monitor Output

Projected images can be monitored during a presentation, which is an ideal feature for keeping eye contact with students during a lecture.

Input Flexibility (Multiscan Converter)

The VPL-ES3 accepts a wide variety of video input signals from standard definition (SD) to high definition (HD), including composite, S-Video (Y/C), and analog RGB/component via the HD D-sub 15 pin interface. In addition, the unit can accept computer signals from VGA up to SXGA+ (1400 x 1050).

Other Features

- Digital Zoom Function (Up to 4x)
- Freeze
- Six Picture Modes
- Control Panel Key Lock
- Smart APA (Auto Pixel Alignment)
- Multi Language OSD
- RS-232C Control
- Audio Output
- Ceiling Mountable Design*3

*2 Viewable area measured diagonally.

*3 Requires an optional ceiling mount kit. Please contact your local Sony sales office for details.

SPECIFICATIONS

Optical	
Projection System	3 LCD panels, 1 lens projection system
Panel	0.63-inch TFT LCD 1,440,000 pixels (480,000 pixels x 3)
Projection lens	1.2 times zoom lens f18.8 to 22.6mm, F1.6 to 1.94
Lamp	165W
Screen coverage	40" to 300" (viewable area measured diagonally)
Light Output	2000 ANSI lm (lamp mode high) (Standard: Approx. 1500 ANSI lm)
Throwing Distance	
40-inch	1.2 to 1.4 m (3.9 to 4.6 feet)
80-inch	2.3 to 2.8 m (7.5 to 9.2 feet)
100-inch	2.9 to 3.6 m (9.5 to 11.8 feet)
150-inch	4.4 to 5.4 m (14.4 to 17.7 feet)
200-inch	5.9 to 7.2 m (19.4 to 23.6 feet)
250-inch	7.3 to 9.0 m (24.0 to 29.5 feet)
300-inch	8.8 to 10.7 m (28.9 to 35.1 feet)
Signals	
Color System	NTSC _{3.58} , PAL, SECAM, NTSC _{4.43} , PAL-M, PAL-N, PAL60 (automatically/manually selected)
Resolution	
Video	500 TV lines
RGB	800 x 600 pixels
Acceptable Input Signals	
Computer	fH: 19-92 kHz, fV: 48-92 Hz (up to SXGA+ 60Hz)
Video	15 kHz RGB/Component 50/60 Hz, Progressive Component 50/60 Hz, Composite video, Y/C video DTV (480/60i, 575/50i, 1080/60i, 480/60p, 575/50p, 1080/50i, 720/60p, 720/50p)

General	
Speaker	Mono 1 W (max.) x 1
Power Requirements	AC 100 to 240 V, 50/60 Hz
Power Consumption	
Max	220 W
Standby	10 W
Operating Temperature	0 to 35° (32 to 95 °F)
Operating Humidity	35% to 85% (no condensation)
Storage temperature	-20 to 60 °C (-4 to 140 °F)
Storage humidity	10 to 90%
Dimensions (WxHxD)	308 x 98 x 252 mm (12 1/4 x 3 7/8 x 10 inches), excl. projections
Mass	Approx. 2.9 kg (Approx. 6 lb 6 oz)
Heat Dissipation	750.7 BTU
Inputs/Outputs	
Input	
RGB/Component	HD D-sub 15 pin x1
S-Video	Mini DIN 4pin x1
Composite	RCA pin jack x1
Audio	Stereo mini jack x1
Output	
RGB	HD D-sub 15 pin x1
Audio (variable out)	Stereo mini jack x1
Supplied Accessories	Remote Commander Unit (RM-PJ4), Lithium battery CR2025, HD D-sub 15 pin cable, Carrying case, Security label, AC Power Cord, Operating Instructions (CD-ROM), Quick reference manual, Safety regulations

OPTIONAL ACCESSORIES



LMP-C162
Projector Lamp (for replacement)

CONTROL PANEL

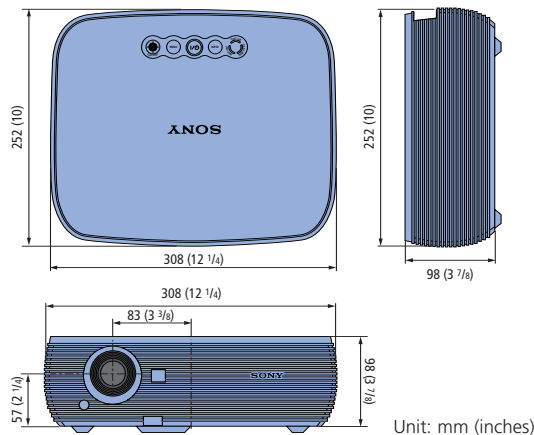


Lead-free solder is used for soldering all parts including circuit component electrodes.
Halogenated flame retardants are not used in cabinets.

CONNECTOR PANEL



DIMENSIONS



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