



Bright. Stylish. Affordable.

The VPL-ES3 LCD projector is perfect for business, education and home use. Equipped with super bright 2000 ANSI lumens and 3LCD technology, colours are accurate and vivid, even under strong ambient lighting. This is a truly affordable and stylish projector that will bring a smile to your face.



2000 ANSI Lumens

Enjoy bright and crisp projection with the VPL-ES3.



Low Fan Noise

Emitting only 29dB during standard mode operation, the projector is whisper quiet.



Multiple Inputs & Control

Accepts a wide variety of video input signals (Standard Definition to High Definition), including composite, S-Video (Y/C), and analog RGB/component via the HD D-sub 15 pin interface. Also accepts computer signals from VGA up to SXGA+.



Monitor Output

By connecting an external monitor to the projector, the presenter can conduct a professional presentation without looking at the projector screen and having to turn his back to the audience.



Password Authentication System (Security Lock)

A four digit password system helps to prevent unauthorised use of the projector.



3LCD Technology

Produces high light transmission and excellent colour reproduction that in turn, helps to generate vivid and natural images.

Other Features

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

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

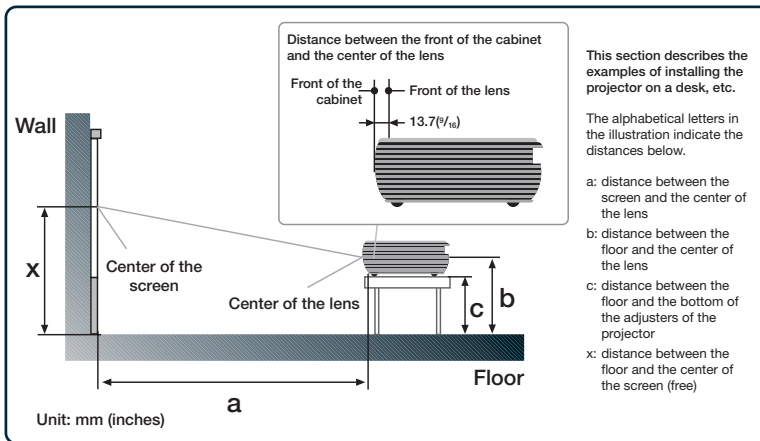


Dark Brown

Pearl White

Note: Not all colours are available in all countries (where colour variations are available). Please check with your local dealers for more information.

Installation Diagram



Supplied Accessories

- Remote Commander
- Lithium battery CR2025
- HD D-sub 15 pin cable, Carrying case and Security label
- Operating Instructions (CD-ROM)
- Quick reference manual and Safety regulations

Specifications

Model Name		VPL-ES3
Optical	Projection System	3LCD panels, 1 lens projection system
	Panel	Super high aperture 0.63-inch TFT LCD 1,440,000 pixels (480,000 pixels x 3)
	Lens	Zoom
		1.2 times
	F	1.6 to 1.94
	f	f = 18.8 to 22.6mm
	Lamp	165W
	Lamp Life	2000H (lamp mode high)/ 3000H (lamp mode standard)
	Screen Size	40" to 300" (measured diagonally)
	Throwing Distance	40-inch 1.2 to 1.4m (3.9 to 4.6 feet) 80-inch 2.3 to 2.8m (7.5 to 9.2 feet) 100-inch 2.9 to 3.6m (9.5 to 11.8 feet) 200-inch 5.9 to 7.2m (19.4 to 23.6 feet) 300-inch 8.8 to 10.7m (28.9 to 35.1 feet)
	Light Output	2000 ANSI lm (lamp mode high) (Standard: Approx. 1500 ANSI lm)
	Contrast (all white & black)	300:1
Signals	Color System	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60
	Resolution	500TV lines 800 x 600
	Acceptable Signals	Computer Video fH: 19-92kHz, fV: 48-92Hz up to SXGA+ 15kHz RGB/Component 50/60Hz Progressive Component 50/60Hz DTV (480/60i, 575/50i, 1080/60i, 480/60p, 575/50p, 1080/50i, 720/60p, 720/50p) Composite video, Y/C video
General	Speaker	Mono
	Power Requirements	Mono 1W(max.) x 1
	Power Consumption	AC 100 to 240V, 50/60Hz
	Heat Dissipation	220W 10W
	Operating Temperature	750.7 BTU
	Operating Humidity	0 to 35 degrees Celsius (32 to 95 F)
	Storage Temperature	35% to 85% (no condensation)
	Storage Humidity	-20 to 60 degrees (-4 to 140 F)
	Fan Noise	10 to 90%
	Image Flip	29 dB (lamp mode standard) (36 dB when the lamp mode is high)
	Dimension (W x H x D)	Off/H/V/HV
	Weight	mm
	OSD (language)	kg
		Approx. 2.9kg
Interface	Input	RGB/Component S-Video Composite Audio
	Output	HD D-sub 15 pin x 1 Mini DIN 4 pin x 1 RCA pin x 1 Stereo mini x 1
	Remote In/Out	HD D-sub 15 pin x 1 Variable audio out D sub 9-pin
Safety Regulations		UL60950, cUL (CSA No.60950-1), FCC Class B, IC Class B, CB (IEC 60950-1), FIMKO (EN60950), CE (LVD, EMC), C-Tick, VCCI, JEITA, DENAN, CCC, NOM, SASO, MIC, PSB

Floor Installation (Front Projection)

Unit: mm (inches)

SS	40	60	80	100	120	150	180	200	250	300	
a	N	1190 (46*7/8)	1800 (70*7/8)	2400 (94*1/2)	3010 (118*17/32)	3620 (142*5/8)	4530 (178*3/8)	5440 (214*1/4)	6040 (237*7/8)	7560 (297*3/4)	9080 (357*5/8)
	M	1370 (54)	2070 (81*5/8)	2760 (108*3/4)	3460 (136*1/4)	4160 (163*7/8)	5200 (204*3/4)	6240 (245*3/4)	6940 (273*3/8)	8680 (341*7/8)	10420 (410*3/8)
b	x-203 (x-8)	x-305 (x-12*1/8)	x-406 (x-16)	x-508 (x-20)	x-610 (x-24*1/8)	x-762 (x-30)	x-914 (x-36)	x-1016 (x-40)	x-1270 (x-50)	x-1524 (x-60)	
c	x-271 (x-10*3/4)	x-372 (x-14*3/4)	x-474 (x-18*3/4)	x-576 (x-22*3/4)	x-677 (x-26*3/4)	x-830 (x-32*3/4)	x-982 (x-38*3/4)	x-1084 (x-42*3/4)	x-1338 (x-52*3/4)	x-1592 (x-62*3/4)	

* a(N) = ((SS * 18.56/0.6299) - 24.0) * 1.03

* b = x - (SS/0.6299 * 3.2)

* a(M) = ((SS * 22.61/0.6299) - 24.0) * 0.97

* c = x - (SS/0.6299 * 3.2 + 67.6)

Preset Signals

No	Preset Signal	fH (kHz)	fV (Hz)	Sync	Size
1	VIDEO/60	60Hz	15.734	59.940	-
2	VIDEO/50	50Hz	15.625	50.000	-
3	480/60i	480/60i	15.734	59.940	S on G/Y
4	575/50i	575/50i	15.625	50.000	S on G/Y
5	480/60p	480/60p (progressive component)	31.470	60.000	S on G/Y
6	575/50p	575/50p (progressive component)	31.250	50.000	S on G/Y
7	1080/60i	1035/60i, 1080/60i	33.750	60.000	S on G/Y
8	1080/50i	1080/50i	28.130	50.000	S on G/Y
10	720/60p	720/60p	45.000	60.000	S on G/Y
11	720/50p	720/50p	37.500	50.000	S on G/Y
21	640x350	VGA mode 1	31.469	70.086	P/N 800
22		VGA VESA 85Hz	37.861	85.080	P/N 832
23	640x400	PC-9801 Normal	24.823	56.416	N/N 848
24		VGA mode 2	31.469	70.086	N/P 800
25		VGA VESA 85Hz	37.861	85.080	N/P 832
26	640x480	VGA mode 3	31.469	59.940	N/N 800
27		Macintosh 13"	35.000	66.667	N/N 864
28		VGA VESA 72Hz	37.861	72.809	N/N 832
29		VGA VESA 75Hz	37.500	75.000	N/N 840
30		VGA VESA 85Hz	43.269	85.008	N/N 832
31	800x600	SVGA VESA 56Hz	35.156	56.250	P/P 1024
32		SVGA VESA 60Hz	37.879	60.317	P/P 1056
33		SVGA VESA 72Hz	48.077	72.188	P/P 1040
34		SVGA VESA 75Hz	46.875	75.000	P/P 1056
35		SVGA VESA 85Hz	53.674	85.061	P/P 1048
36	832x624	Macintosh 16"	49.724	74.550	N/N 1152
37	1024x768	XGA VESA 60Hz	48.363	60.004	N/N 1344
38		XGA VESA 70Hz	56.476	69.955	N/N 1328
39		XGA VESA 75Hz	60.023	75.029	P/P 1312
40		XGA VESA 85Hz	68.677	84.997	P/P 1376
41	1152x864	SXGA VESA 70Hz	63.995	70.019	P/P 1472
42		SXGA VESA 75Hz	67.500	75.000	P/P 1600
43		SXGA VESA 85Hz	77.487	85.057	P/P 1568
44	1152x900	SUN LO	61.795	65.960	N/N 1504
45	1280x960	SXGA VESA 60Hz	60.000	60.000	P/P 1800
46		SXGA VESA 75Hz	75.000	75.000	P/P 1728
47	1280x1024	SXGA VESA 60Hz	63.974	60.013	P/P 1696
48		SXGA VESA 75Hz	79.976	75.025	P/P 1688
49*		SXGA VESA 85Hz	91.146	85.024	P/P 1476
50	1400x1050	SXGA+ 60Hz	63.981	60.020	N/N 1688

* For memory no. 49, the smart APA function and the APA key on the remote commander are not active.
Make adjustments for the input signal using the Adjust signal on the Input setting menu.