SONY®

VPL-S800U/S800M

With optional VPLL-ZP40 lens

System Installation
LCD Data Projector

Projection systems are one of the most effective visual presentation tools. In various applications - business presentations or in seminars and schools - crisp, bright images are the key to maximizing impact and conveying the message in an efficient and impressive manner.

The solution is the Sony VPL-S800 LCD Data Projector Series* which incorporates polysilicon LCD panels with 832 x 624 pixels resolution. The advanced optical system of the Sony VPL-S800 produces 700 ANSI lumens of light output for high quality image reproduction even in environments with high ambient light conditions.

In addition, the high performance built-in scan converter of the Sony VPL-S800 enables reproduction of computer signals with a horizontal frequency from 15kHz to 65kHz. This allows for compatibility with wide variety of sources.

Responding to diverse application needs, many optional accessories are available, including interface boards, cables and a signal interface switcher. For varying applications or installation environments, the user can select appropriate projection lenses. And with excellent system flexibility, the Sony VPL-S800 is easy to set up and simple to operate.

High performance, great versatility and easy handling - the Sony VPL-S800 provides effective, user-friendly information delivery for a variety of applications.

*The VPL-S800 is available in two different models; the VPL-S800U for countries operating at AC 100-120V and the VPL-S800M for AC 220-240V.
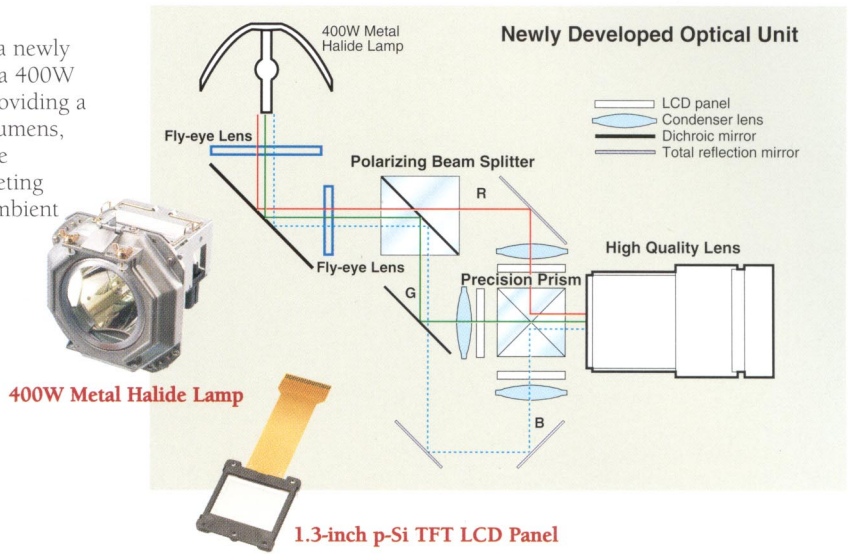
SUPERIOR PICTURE PERFORMANCE

High brightness

Bright images are attained with a newly developed optical unit utilizing a 400W DC drive metal halide lamp. Providing a high light output of 700 ANSI lumens, the projector allows images to be displayed effectively even in meeting rooms or training rooms with ambient light.
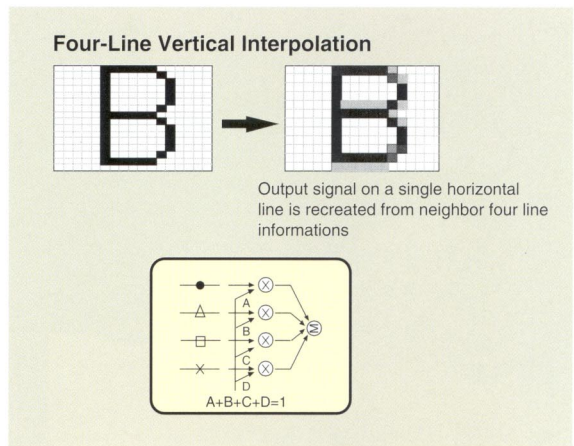
Excellent uniformity

With an innovative optical system featuring light integrators, a precision prism block and high quality lenses, the VPL-S800 creates an image of uniform color and brightness from corner to corner of the screen.

400W Metal Halide Lamp

Newly Developed Optical Unit

- 400W Metal Halide Lamp
- Fly-eye Lens
- Polarizing Beam Splitter
- Fly-eye Lens
- Precision Prism
- High Quality Lens

LCD panel
Condenser lens
Dichroic mirror
Total reflection mirror

1.3-inch p-Si TFT LCD Panel

MULTISCAN CAPABILITY

The VPL-S800 can reproduce various video signals including composite video, Y/C, component (Y/R-Y/B-Y) and RGB. In addition, with its high performance built-in scan converter, it accepts computer signals with a horizontal frequency of 15 to 65kHz and a vertical frequency of 38 to 120Hz.

To maintain a clear and natural impression of original images, the built-in scan converter of the VPL-S800 adopts Four-Line Vertical Interpolation. By combining the data of four lines from the original signal to generate each interpolated line, this built-in scan converter reproduces optimum images from various computer signals.

Four-Line Vertical Interpolation

Output signal on a single horizontal line is recreated from neighbor four line informations

$$A+B+C+D=1$$

SYSTEM VERSATILITY

The VPL-S800 has a slot for optional Sony IFB Interface Boards. Installation of these boards allows the projection system to be expanded by connecting a Sony PC-1271/1271M Signal Interface Switcher. With these options, several different sources can be connected simultaneously.

Control panel

Connector section

Carrying handle

Optional lens (Photo:VPLL-ZP40)

Installed remote commander

INSTALLATION FLEXIBILITY

The VPL-S800 can be installed in various locations: mounted on a desktop, floor or ceiling and even used in rear projection applications. For installation flexibility, the user can select the most appropriate projection lens.

Power Focus, Power Zoom and Picture Shift functions*

Power Focus and Power Zoom can be easily controlled with the supplied remote commander. The projected image can be shifted up and down using the Picture Shift function.

*Some optional lenses do not support these functions.

Twin stacking capability

The VPL-S800 can be twin stacked. In this installation, brightness is nearly doubled. When two projectors are stacked, the picture shift function allows the images from the two projectors to be easily coveraged.

Picture can be shifted within this range.

VPL-S800U/S800M
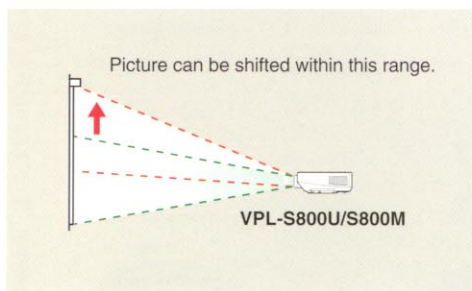
Optional lenses

VPLL-ZP40
- F2.5-3.1, f50-75mm
- 1.5 times zoom standard focus lens

VPLL-ZP100
- F3.0-4.6, f72.3-141.0mm
- 2 times zoom long focus lens

VPLL-FM30
- F3.5, f37mm
- Fixed short focus lens

VPLL-FM20
- F3.0, f24.24mm
- Fixed short focus lens for 0° optical axis angle installation (for rear projection)
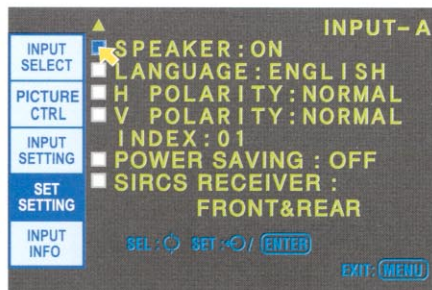
VPLL-ZP40

VPLL-ZP100

VPLL-FM30

VPLL-FM20

EASY OPERATION

Memory function

The VPL-S800 is simple to operate. There are no complicated adjustments to perform. Just connect the image source and the VPL-S800 automatically recognizes the input signal and selects the appropriate display mode from preset parameters. This memory function allows the projection system to be set up and aligned quickly and easily.

On-screen display

Operational functions and adjustment status are displayed on-screen. The menu can be selected from one of seven languages: English, French, German, Italian, Spanish, Japanese and Chinese.

```
                                    INPUT-A
INPUT      SPEAKER : ON
SELECT     LANGUAGE : ENGLISH
PICTURE    H POLARITY : NORMAL
CTRL       V POLARITY : NORMAL
INPUT      INDEX : 01
SETTING    POWER SAVING : OFF
SET        SIRCS RECEIVER :
SETTING         FRONT&REAR
INPUT
INFO       SEL :   SET :   / ENTER
                              EXIT: MENU
```

Remote control capability

The Sony RM-PJM800 Wired/Wireless Remote Commander controls all projector adjustments and operations. By connecting the optional Sony RM-PJ10 Remote Control Receiver to the projector, the operational range of the remote commander can be extended. Furthermore, when the optional Sony RM-PJ21 Mouse Receiver is connected to a computer, the RM-PJM800 can also remotely operate this connected computer.

RM-PJM800

RM-PJ10

RM-PJ21

ADDITIONAL FEATURES

Power saving function

The VPL-S800 incorporates a power saving function. When the power saving mode is set to ON, and the projector has not received any input or sync signal for over 10 minutes, the projector automatically reduces its power consumption. The projector automatically returns to normal operation when it recognizes any signal or command from the control panel or remote commander.

TRIG terminal

The VPL-S800 has a TRIG terminal to provide control of an integrated projection room, including screens, curtains and lighting.

ACCESSORIES FOR OPTIONAL CONVENIENCE AND SYSTEM FLEXIBILITY

Interface boards
IFB Series

IFB-12
• 5 BNC input/output
• Accepts analog RGB, component (Y/R-Y/B-Y), HDTV (Y/Pʙ/Pʀ, GBR)*, composite video and Y/C signals
• RGB bandwidth of 300MHz
• Cable compensation function for output signals (150MHz)

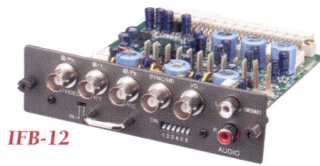*The VPL-S800 does not support HDTV input signals when the IFB-12 is used.*

IFB-12

IFB-20
• Analog RGB input (D-sub 9-pin)
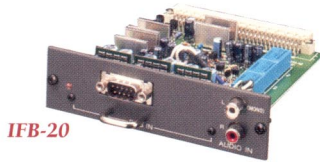• RGB bandwidth of 120MHz

IFB-20

IFB-21
• Analog RGB input/output (HD D-sub 15-pin)
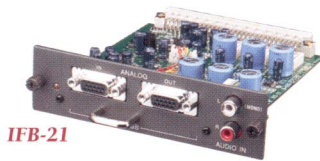• RGB bandwidth of 150MHz

IFB-21

IFB-1000
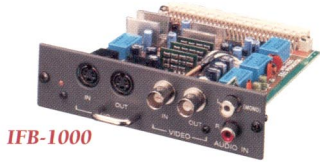• Composite/Y/C video input (Loop-through BNC/Loop-through Mini DIN 4-pin)

IFB-1000

Signal Interface switcher
PC-1271/1271M

• Provides eight slots for optional interface boards. By using two Sony PC-1271/1271M Switchers, a maximum of 16 inputs can be connected simultaneously.
• Remote control capability with the Sony RM-PJM800 and RM-1270S*¹. The switcher can also be controlled with a custom-made remote control unit via the REMOTE 2 (D-sub 25-pin).
• Switcher can be connected to the projector by attaching a Sony CCQ-BRS or SIC-M Multi-cable*² (50m) via the REMOTE 1.
• Incorporates a cable length compensation switch to maintain the RGB bandwidth of 70MHz when using a multi-cable. A 150MHz RGB bandwidth is guaranteed for the MONITOR OUT.

• When one of the input selection switchers is selected, the front panel of the chosen interface board automatically illuminates.
• When power is turned on, the PC-1271/1271M reconnects the channel that was in use immediately before power was turned off.
• Mountable in an EIA 19-inch rack with the supplied rack mount kit.

*¹ The RM-PJM800 is supplied with the VPL-S800U/S800M. The RM-1270S is supplied with the PC-1271/1271M.

*² These cables are not available in some areas. For details, please consult your nearest Sony office.

Interface unit
IFU-1271/1271M

• Distributes an input signal from the IFB board to two outputs with 120 MHz bandwidth.

• The Sony IFU-1271/1271M converts signals from digital signal level to analog signal level (TTL to 0.7Vp-p) for output.

Interface cables

SIC-10
• BNC x5 to BNC x5 (R, G, B, HD, VD to R, G, B, HD, VD)
• Length: 10m (32.8ft)

SIC-20A/20C
• Analog RGB
• D-sub 9-pin (female) to D-sub 9-pin (female)/D-sub 9-pin (male)
• Length: overall 2m (6.6ft), branch 0.2m (0.7ft)

SIC-21
• Analog RGB
• D-sub 9-pin (female) to D-sub 9-pin (female)/D-sub 9-pin (male)
• Length: overall 2m (6.6ft), branch 0.2m (0.7ft)

SIC-22
• Analog RGB with digital sync
• D-sub 9-pin (female) to D-sub 15-pin High Density (female)/D-sub 15-pin High Density (male)
• Length: overall 2m (6.6ft), branch 0.2m (0.7ft)

CCQ-BRS Cables/SIC-M Cables
• 14-pin (female) to 14-pin (male) multi-cables
• Length: CCQ-BRS: 2m (6.4ft), 5m (16.4ft), 10m (33ft), 25m (82.5ft), 50m (165ft)
  SIC-M: 1m (3.3ft), 5m (16.4ft), 15m (49ft), 25m (82.5ft), 50m (165ft)

SMF-400
• HD D-sub 15-pin to BNC x5
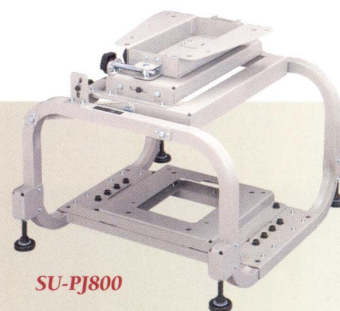• Length: overall 2m (6.6ft)

SMF-401
• HD D-sub 15pin to HD D-sub 15-pin
• Length: overall 2m (6.6ft)

SIC-10

SIC-20A/20C

SU-PJ800

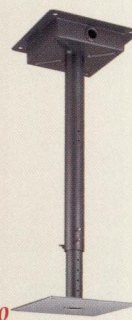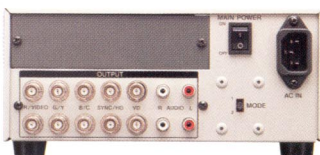Projector stand (for twin stacking)
SU-PJ800

Suspension support
PSS-800

Suspension support
PSS-10

100-inch flat screen
VPS-100FH

120-inch flat screen
VPS-120FH

PSS-800

PSS-10

VPS-100FH/120FH

Floor Installation

Distance between the front of the cabinet and the center of the lens

- VPLL-FM30: 81.7 mm (3 7/32 inches)
- VPLL-ZP40: 56.8 mm (2 1/4 inches)
- VPLL-ZP100: 104.4 mm (4 1/8 inches)

a: Distance between the screen and the center of the lens
b: Distance between the floor and the center of the lens
c: Distance between the floor and the bottom of the projector
x: Free
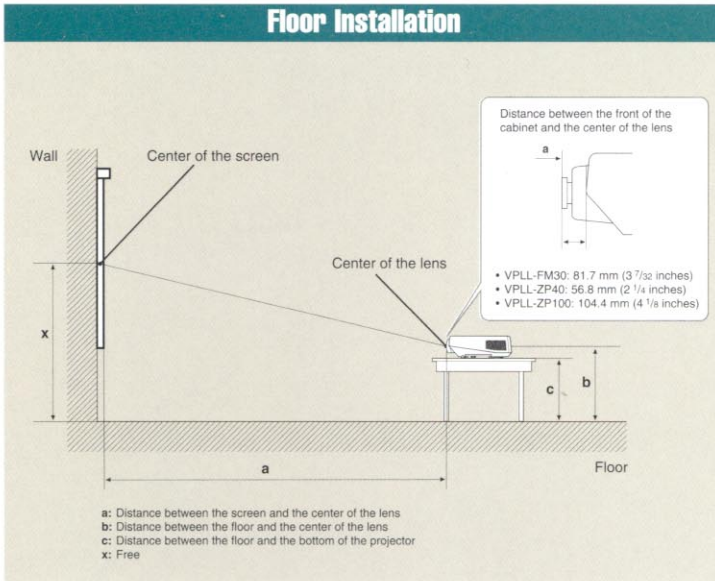
VPLL-ZP40

Screen size (inches)		40	80	100	120	150	180	200	250	300
a	Minimum	1470 (57 7/8)	3040 (119 3/4)	3820 (150 1/2)	4600 (181 1/8)	5770 (227 1/4)	6950 (273 5/8)	7730 (304 3/8)	9680 (381 1/8)	11640 (458 3/8)
	Maximum	2190 (86 1/4)	4450 (175 1/4)	5580 (219 3/4)	6720 (264 5/8)	8420 (331 1/2)	10110 (398 1/8)	11250 (443)	14080 (554 3/8)	16910 (665 3/4)
b	Minimum	x–336 (x–13 1/4)	x–672 (x–26 1/2)	x–840 (x–33 1/8)	x–1008 (x–39 3/4)	x–1260 (x–49 5/8)	x–1511 (x–59 1/2)	x–1679 (x–66 1/8)	x–2099 (x–82 3/4)	x–2519 (x–99 1/4)
	Maximum	x	x	x	x	x	x	x	x	x
c	Minimum	x–477 (x–18 7/8)	x–813 (x–32 1/8)	x–981 (x–38 5/8)	x–1149 (x–45 1/4)	x–1401 (x–55 1/4)	x–1653 (x–65 1/8)	x–1821 (x–71 3/4)	x–2241 (x–88 1/4)	x–2661 (x–104 7/8)
	Maximum	x–131 (x–5 1/4)	x–131 (x–5 1/4)	x–131 (x–5 1/4)	x–131 (x–5 1/4)	x–131 (x–5 1/4)	x–131 (x–5 1/4)	x–131 (x–5 1/4)	x–131 (x–5 1/4)	x–131 (x–5 1/4)

When two projectors are stacked

Screen size (inches)	60	80	100	120	150	180	200	240
a	2880 (113 1/2)	3850 (151 5/8)	4820 (189 7/8)	5800 (228 3/8)	7260 (285 7/8)	8720 (343 3/8)	9690 (381 1/2)	11640 (458 3/8)

Ceiling Installation

Optional Suspension Support PSS-800

Distance between the front of the cabinet and the center of the lens

- VPLL-FM30: 81.7 mm (3 7/32 inches)
- VPLL-ZP40: 56.8 mm (2 1/4 inches)
- VPLL-ZP100: 104.4 mm (4 1/8 inches)

a: Distance between the screen and the center of the lens
b: Distance between the ceiling and the center of the lens
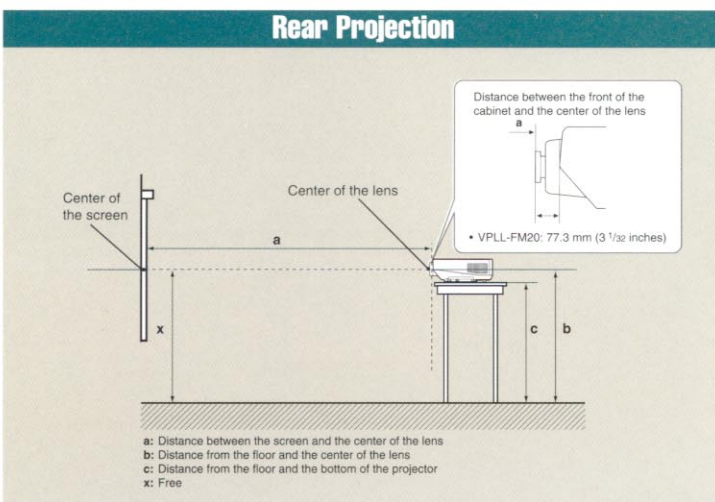c: Distance between the ceiling and the bottom of the projector
e: Distance between the top of the available screen range and the center of the screen
x: Distance between the ceiling and the bottom of the projector

VPLL-ZP40

Screen size (inches)		80	100	120	150	180	200	250	300
a	Minimum	3040 (119 3/4)	3820 (150 1/2)	4600 (181 1/8)	5770 (227 1/4)	6950 (273 5/8)	7730 (304 3/8)	9680 (381 1/8)	11640 (458 3/8)
	Maximum	4450 (175 1/4)	5580 (219 3/4)	6720 (264 5/8)	8420 (331 1/2)	10110 (398 1/8)	11250 (443)	14080 (554 3/8)	16910 (665 3/4)
b	Minimum	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)
	Maximum	c+140 (c+5 5/8)	c+140 (c+5 5/8)	c+140 (c+5 5/8)	c+140 (c+5 5/8)	c+140 (c+5 5/8)	c+140 (c+5 5/8)	c+140 (c+5 5/8)	c+140 (c+5 5/8)
e		610 (24 1/8)	762 (30)	914 (36)	1143 (45)	1372 (54 1/8)	1524 (60)	1905 (75)	2286 (90)
x	Minimum	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)
	Maximum	c+811 (c+32)	c+979 (c+38 5/8)	c+1147 (c+45 1/4)	c+1399 (c+55 1/8)	c+1651 (c+65)	c+1819 (c+71 5/8)	c+2239 (c+88 1/4)	c+2659 (c+104 3/4)

When two projectors are stacked

Screen size (inches)	80	100	120	150	180	200	240
a	3850 (151 5/8)	4820 (189 7/8)	5800 (228 3/8)	7260 (285 7/8)	8720 (343 3/8)	9690 (381 1/2)	11640 (458 3/8)

Rear Projection

Distance between the front of the cabinet and the center of the lens

- VPLL-FM20: 77.3 mm (3 1/32 inches)

a: Distance between the screen and the center of the lens
b: Distance from the floor and the center of the lens
c: Distance from the floor and the bottom of the projector
x: Free

VPLL-FM20 *2

When using the VPLL-FM20, make sure that the center of the lens is aligned with the vertical center of the screen.

Screen size (inches)	50	80	100	120	150	180	200
a	860 (33 7/8)	1420 (56)	1790 (70 1/2)	2160 (85 1/8)	2720 (107 3/4)	3270 (128 3/4)	3640 (143 3/8)
b	x	x	x	x	x	x	x
c	x–131 (x–5 1/4)	x–131 (x–5 1/4)	x–131 (x–5 1/4)	x–131 (x–5 1/4)	x–131 (x–5 1/4)	x–131 (x–5 1/4)	x–131 (x–5 1/4)

*1 When scan converter is set to off, reproduced 800 x 600 pixels SVGA picture is 4% smaller than usual display area of 832 x 624 pixels.

*2 VPLL-FM30 and VPLL-FM20 do not support the twin stacking.

VPLL-ZP100

Screen size (inches)		80	100	120	150	180	200	250	300
a	Minimum	4370 (172 1/8)	5500 (216 5/8)	6630 (261 1/8)	8330 (328)	10020 (394 1/2)	11150 (439)	13980 (550 1/2)	16810 (661 7/8)
	Maximum	8340 (328 3/4)	10430 (410 3/4)	12520 (493)	15650 (616 1/4)	18790 (739 7/8)	20880 (822 1/8)	26110 (1027 5/8)	31320 (1233 1/8)
b	Minimum	x−672 (x−26 1/2)	x−840 (x−33 1/8)	x−1008 (x−39 3/4)	x−1260 (x−49 5/8)	x−1511 (x−59 1/2)	x−1679 (x−66 1/8)	x−2099 (x−82 3/4)	x−2519 (x−99 1/4)
	Maximum	x	x	x	x	x	x	x	x
c	Minimum	x−813 (x−32 1/8)	x−981 (x−38 5/8)	x−1149 (x−45 1/4)	x−1401 (x−55 1/4)	x−1653 (x−65 1/8)	x−1821 (x−71 3/4)	x−2241 (x−88 1/4)	x−2661 (x−104 7/8)
	Maximum	x−131 (x−5 1/4)	x−131 (x−5 1/4)	x−131 (x−5 1/4)	x−131 (x−5 1/4)	x−131 (x−5 1/4)	x−131 (x−5 1/4)	x−131 (x−5 1/4)	x−131 (x−5 1/4)

When two projectors are stacked

Screen size (inches)	80	100	120	150	180	200	250
a	4930 (194 1/8)	6210 (244 1/2)	7500 (295 3/8)	9420 (370 7/8)	11350 (446 7/8)	12630 (497 1/4)	15850 (624 1/8)

VPLL-FM30 [2]

Screen size (inches)		40	60	80	100	120	150	180	200	250	290
a		1080 (42 5/8)	1650 (65)	2220 (87 1/2)	2790 (109 7/8)	3360 (132 3/8)	4210 (165 3/4)	5070 (199 5/8)	5640 (222 1/8)	7060 (278)	8200 (322 7/8)
b	Minimum	x−336 (x−13 1/4)	x−504 (x−19 7/8)	x−672 (x−26 1/2)	x−840 (x−33 1/8)	x−1008 (x−39 3/4)	x−1260 (x−49 5/8)	x−1511 (x−59 1/2)	x−1679 (x−66 1/8)	x−2099 (x−82 3/4)	x−2435 (x−96 7/8)
	Maximum	x	x	x	x	x	x	x	x	x	x
c	Minimum	x−477 (x−17 7/8)	x−645 (x−25 1/2)	x−813 (x−32 1/8)	x−981 (x−38 5/8)	x−1149 (x−45 1/4)	x−1401 (x−54 1/4)	x−1653 (x−65 1/8)	x−1821 (x−71 3/4)	x−2241 (x−88 1/4)	x−2577 (x−101 1/2)
	Maximum	x−131 (x−5 1/4)	x−131 (x−5 1/4)	x−131 (x−5 1/4)	x−131 (x−5 1/4)	x−131 (x−5 1/4)	x−131 (x−5 1/4)	x−131 (x−5 1/4)	x−131 (x−5 1/4)	x−131 (x−5 1/4)	x−131 (x−5 1/4)

VPLL-ZP100

Screen size (inches)		80	100	120	150	180	200	250	300
a	Minimum	4370 (172 1/8)	5500 (216 5/8)	6630 (261 1/8)	8330 (328)	10020 (394 1/2)	11150 (439)	13980 (550 1/2)	16810 (661 7/8)
	Maximum	8340 (328 3/4)	10430 (410 3/4)	12520 (493)	15650 (616 1/4)	18790 (739 7/8)	20880 (822 1/8)	26110 (1027 5/8)	31320 (1233 1/8)
b	Minimum	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)
	Maximum	c+140 (c+5 5/8)	c+140 (c+5 5/8)	c+140 (c+5 5/8)	c+140 (c+5 5/8)	c+140 (c+5 5/8)	c+140 (c+5 5/8)	c+140 (c+5 5/8)	c+140 (c+5 5/8)
e		610 (24 1/8)	762 (30)	914 (36)	1143 (45)	1372 (54 1/8)	1524 (60)	1905 (75)	2286 (90)
x	Minimum	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)	c+129 (c+5 1/8)
	Maximum	c+811 (c+32)	c+979 (c+38 5/8)	c+1147 (c+45 1/4)	c+1399 (c+55 1/8)	c+1651 (c+65)	c+1819 (c+71 5/8)	c+2239 (c+88 1/4)	c+2659 (c+104 3/4)

When two projectors are stacked

Screen size (inches)	80	100	120	150	180	200	250
a	4930 (194 1/8)	6210 (244 1/2)	7500 (295 3/8)	9420 (370 7/8)	11350 (446 7/8)	12630 (497 1/4)	15850 (624 1/8)

VPLL-FM30 [2]

Screen size (inches)		40	60	80	100	120	150	180	200	250	290
a		1080 (42 5/8)	1650 (65)	2220 (87 1/2)	2790 (109 7/8)	3360 (132 3/8)	4210 (165 3/4)	5070 (199 5/8)	5640 (222 1/8)	7060 (278)	8200 (322 7/8)
b	Minimum	x+129 (x+5 1/8)	x+129 (x+5 1/8)	x+129 (x+5 1/8)	x+129 (x+5 1/8)	x+129 (x+5 1/8)	x+129 (x+5 1/8)	x+129 (x+5 1/8)	x+129 (x+5 1/8)	x+129 (x+5 1/8)	x+129 (x+5 1/8)
	Maximum	x+140 (x+5 5/8)	x+140 (x+5 5/8)	x+140 (x+5 5/8)	x+140 (x+5 5/8)	x+140 (x+5 5/8)	x+140 (x+5 5/8)	x+140 (x+5 5/8)	x+140 (x+5 5/8)	x+140 (x+5 5/8)	x+140 (x+5 5/8)
c		When using PSS-800, the height is 150 (6)									
e		305 (12)	457 (18)	610 (24)	762 (30)	914 (36)	1143 (45)	1372 (54)	1524 (60)	1905 (75)	2210 (87)
x	Minimum	x+129 (x+5 1/8)	x+129 (x+5 1/8)	x+129 (x+5 1/8)	x+129 (x+5 1/8)	x+129 (x+5 1/8)	x+129 (x+5 1/8)	x+129 (x+5 1/8)	x+129 (x+5 1/8)	x+129 (x+5 1/8)	x+129 (x+5 1/8)
	Maximum	c+475 (c+18 3/4)	c+643 (c+25 3/8)	c+811 (c+32)	c+979 (c+38 5/8)	c+1147 (c+45 1/4)	c+1399 (c+55 1/8)	c+1651 (c+65)	c+1819 (c+71 5/8)	c+2239 (c+88 1/4)	c+2575 (c+101 1/2)

e.

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SPECIFICATIONS

OPTICAL

Projection system:	3 LCD panels, 1 lens projection
LCD panel:	1.3-inch TFT LCD panel, 1,557,504 pixels (519,168 pixels x 3)
Lamp:	400W DC drive metal halide
Light output:	ANSI 700lm[*1]

Optional projection lens:

	Screen coverage (inches)	Screen coverage when twin stacking (inches)	Throwing distance (unit: mm)		
			100-inch	150-inch	200-inch
VPLL-ZP40 (Standard focus)	40 - 300	60 - 240	3820 - 5580	5770 - 8420	7730 - 11250
VPLL-ZP100 (Long focus)	80 - 300	80 - 250	5500 - 10430	8330 - 15650	11150 - 20880
VPLL-FM30 (Fixed short focus)	40 - 290	N.A.	2790	4210	5640
VPLL-FM20 (Fixed short focus)	50 - 200	N.A.	1790	2720	3640

GENERAL

|	
Color system:	NTSC/PAL/SECAM/NTSC₄₄/PAL-M automatically selected
Resolution:	Video: 600TV lines RGB: 832 x 624 pixels
Scanning frequency:	fH: 15kHz-65kHz fV: 38Hz-120Hz Dot clock: 80MHz
Speaker:	Max. 3W monaural 90mm x 50mm
Power requirements:	VPL-S800U: AC100 to 120V / 220 to 240V[*2], 50/60Hz VPL-S800M: AC220 to 240V, 50/60Hz
Power consumption:	Max.: 570W, Standby: 15W
Heat dissipation:	1945BTU
Dimensions:	480(W) x 239(H) x 663(D)mm (19 x 9 1/2 x 26 1/8 inches)
Mass:	Approx. 24kg (52lb 15oz)
Operating temperature:	0 to 40°C (32 to 104°F)
Operating humidity:	35 to 85%
Storage temperature:	-20 to 60°C (-4 to 140°F)
Storage humidity:	10 to 90%

INPUTS/OUTPUTS

VIDEO IN:

Composite video:	Loop-through BNC 1Vp-p ±2dB sync negative, 75Ω

S VIDEO IN:

Y IN:	BNC 1Vp-p ±2dB sync negative, 75Ω
C IN:	BNC Burst 0.286Vp-p ±2dB (NTSC), 75Ω 0.3Vp-p ±2dB (PAL), 75Ω
Y/C IN:	Loop-through Mini DIN 4-pin
Y(luminance):	1Vp-p ±2dB sync negative, 75Ω
C(chrominance):	Burst 0.286Vp-p ±2dB (NTSC), 75Ω 0.3Vp-p ±2dB (PAL), 75Ω

AUDIO IN:

	Phono, stereo, 500mV rms, impedance more than 47kΩ (stereo or monaural selectable)

INPUT A:

Analog RGB/Component:	BNC x 5
R/R-Y:	0.7Vp-p ±2dB positive, 75Ω
G:	0.7Vp-p ±2dB positive, 75Ω
G with sync/Y:	1Vp-p ±2dB sync negative, 75Ω
B/B-Y:	0.7Vp-p ±2dB positive, 75Ω
SYNC/HD	
Composite sync:	0.6-8Vp-p high impedance, sync positive/negative
Horizontal sync:	0.6-8Vp-p high impedance, sync positive/negative
VD	
Vertical sync:	0.6-8Vp-p high impedance, sync positive/negative
Audio IN:	Phono, stereo, 500mV rms, impedance more than 47kΩ (stereo or monaural selectable)

INPUT B:

	14-pin multi-connectors (Input: Male, Output: Female) IFB-40 is installed in INPUT B

AUDIO OUT (Variable out):	Phono, stereo, max. 1V rms, when the input signal is 500mV rms, impedance less than 5kΩ

CONTROL S:

IN/PLUG IN POWER:	Stereo mini jack 5Vp-p, Plug in power DC 5V maximum output 60mA
OUT:	Stereo mini jack 5Vp-p

REMOTE:

RS-422A:	D-sub 9-pin (female)

TRIG:

	Mini jack Power ON: DC 5V output impedance 4.7kΩ Power OFF: 0V

Safety regulations:

VPL-S800U:	UL1950, CSA950, FCC Class A, IC Class A
VPL-S800M:	EN60 950(TÜV), CE, C-tick

ACCESSORIES

Supplied accessories:	Remote commander RM-PJM800 Remote commander cable (Stereo) (15m) AA size battery (x2) AC power cord Operating manual Installation manual
Optional accessories:	Projector lamp (for replacement) PK-PJ800[*3] Suspension support PSS-800 Suspension support PSS-10 Projector stand (for twin stacking) SU-PJ800 Signal interface switcher PC-1271/1271M Interface board IFB-12/20/21/1000 Multi-cable[*3] 14-pin→14-pin CCQ-BRS 2/5/10/25/50m SIC-M 1/5/25/50m Signal interface cable SIC-10/20A/20C/21/22 Signal adapter HD D-sub 15-pin→D-sub 9-pin (for SIC Cable) ADP-10 Signal adapter Macintosh®→VGA[*4] ADP-20 Monitor cable D-sub HD 15-pin→5BNC SMF-400 Monitor cable D-sub HD 15-pin→D-sub HD 15-pin SMF-401 Mouse receiver RM-PJ21 Remote control receiver RM-PJ10 Projection lens VPLL-ZP40 Projection lens VPLL-ZP100 Projection lens VPLL-FM30 Projection lens VPLL-FM20 100-inch flat screen VPS-100FH[*3] 120-inch flat screen VPS-120FH[*3]
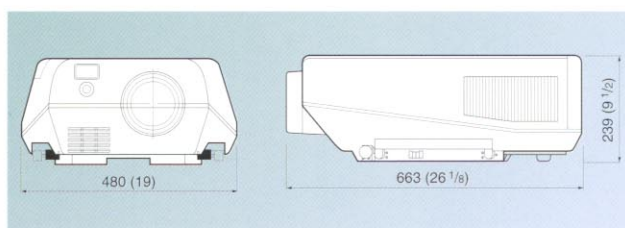
[*1] ANSI is a measuring method of American National Standard ANSI IT7.228.
[*2] UL listed for 120V operation.
[*3] Some items are not available in some areas.
 For details, please consult your nearest Sony office.
[*4] VGA, SVGA, XGA are a registered trademarks of IBM Corporation.
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