

- Product Information-

VPL-FX40/FX40L & VPL-FE40/FE40L

Sony's New BrightEra™ Inorganic 3-LCD XGA / SVGA+ Installation Projectors



VPL-FX40 & VPL-FE40



VPL-FX40L & VPL-FE40L

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VPL-FE40/FE40L

The VPL-FE40 & VPL-FE40L are our first SVGA+ (1400x1059) resolution 0.79" Inorganic 3-LCD Panel installation projectors.

VPL-FX40/FX40L

The VPL-FX40 & VPL-FX40L are our XGA (1024x768) resolution 0.79" Inorganic 3-LCD Panel installation projectors that replace our successful VPL-PX41.

The VPL-PX41 will be discontinued in December.

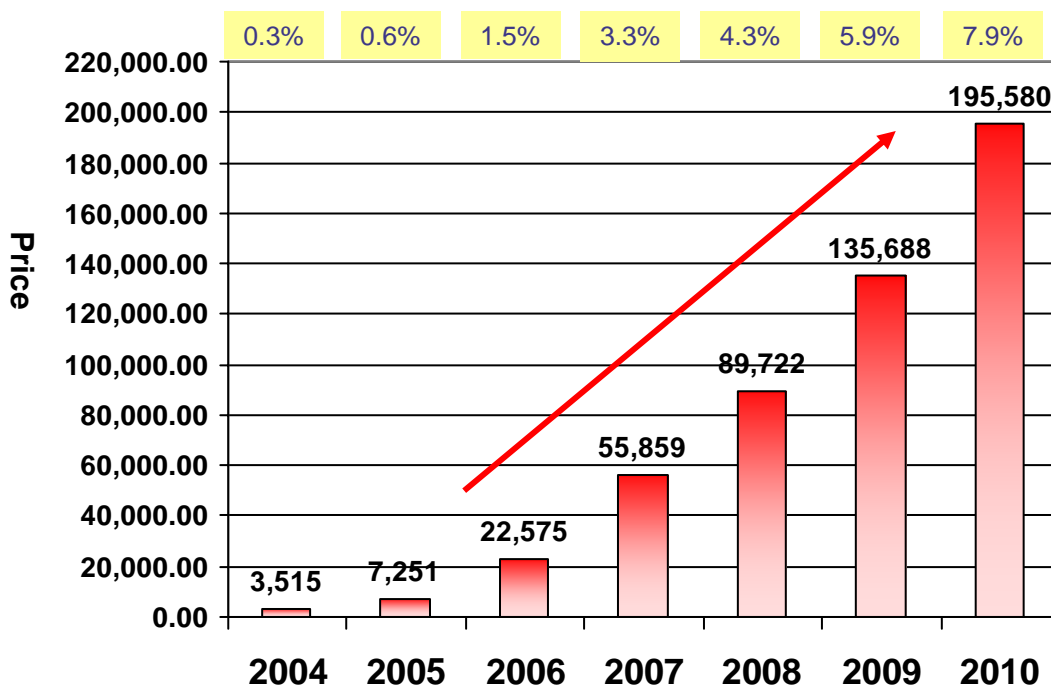
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Introduction

These two new models are strategic to Sony's overall direction to re-gain presence in the Pro AV Dealer / AV Distribution Channel. The VPL-FE40 model is specifically introduced to meet the growing demand for SXGA / SXGA+ resolution in the marketplace. Even though SXGA / SGXA+ resolution as been a niche market category for many years, the graph below clearly shows a growth in this category for the next four years; the reason for this sales increase, corporate customers and educational institutions looking to upgrade their current boardroom / auditorium projectors to the next generation of resolution.

The Sony VPL-FE40 and VPL-FE40L (Lens-less version), SXGA+ 4000Lm projectors are introduced to meet this growing demand.

Graph #1 EMEA SXGA Market forecast



Source: DTC Worldwide

Chart used to represent market growth only.

Key features of the VPL-FE40/FE40L

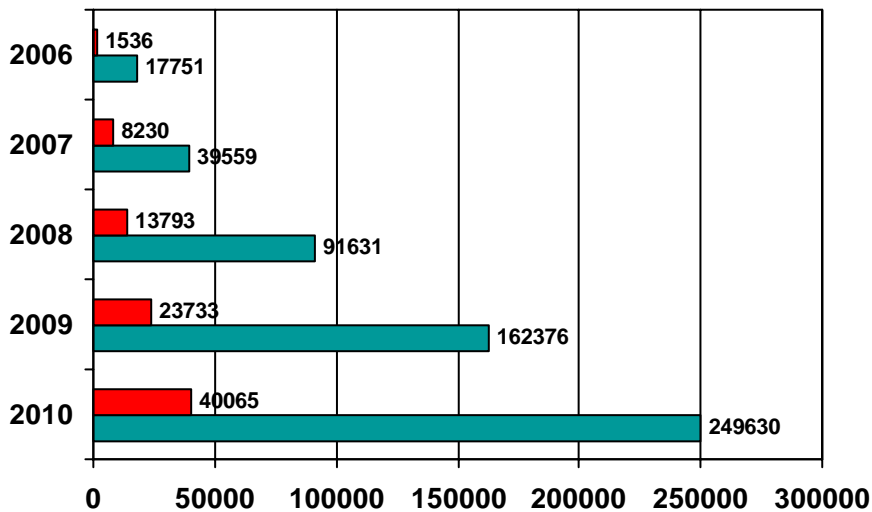
- 4000 ANSI Lumens**
- SXGA+ (1400x1050) Native WXGA, Up to UXGA
- Multi-input (5BNC, 2X RGB, HDMI (HDCP), RJ45 Network, RS232C and Monitor out)
- X3 Optional Lenses (3.8 – 10M @ 100")
- VPL-FE40L is the Lens-less version of the VPL-FE40



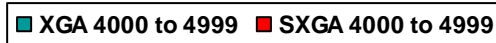
The 4000Lm, XGA market is too a growing market as shown in the graph #2. The VPL-FX40 and VPL-FX40L are introduced to support our Pro AV Dealers growth in this segment and ultimately grow Sony's market share.

Graph #2

EMEA 4000-4999 XGA vs. SXGA Market



Source: DTC Worldwide

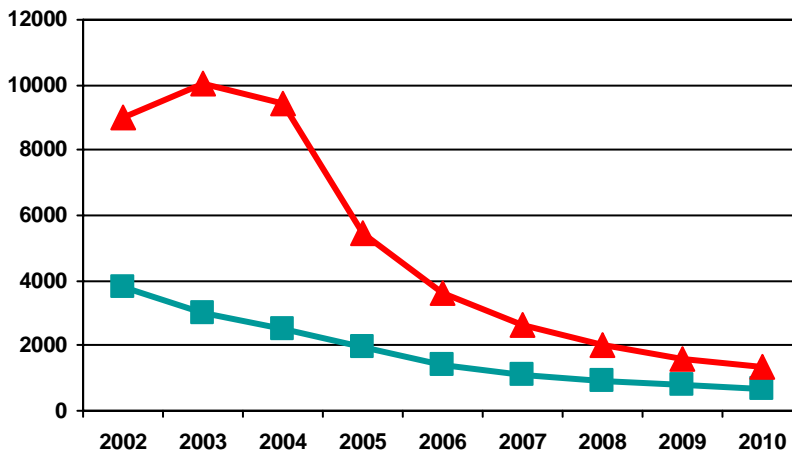


Graph used to indicate market ratio only

Another reason for the growth of the SXGA / SXGA+ and XGA 4000Lm market is, of course, a matter of price. Graph #3 shows the continuous estimated price erosions of these two categories. **The good news, customers are willing to pay a premium for the higher resolution of SXGA / SXGA+.** (For Now)

Graph #3

SXGA & XGA Price Erosion



Source: DTC Worldwide



Graph used to show price erosion comparison only

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The VPL-FX40 replaces the successfully, and long running VPL-PX40 / PX41 Series. The VPL-FX40 has all the same features as the new VPL-FE40 but with native XGA (1024x768) resolution.

Key features of the VPL-PX40

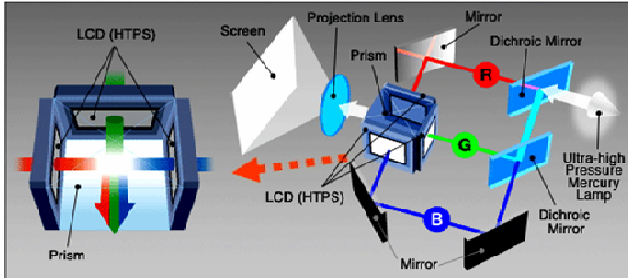
- 4000 ANSI Lumens**
- XGA (1024x768)
- Multi-input (5BNC, 2X RGB, HDMI, Network, RS232C and Monitor out)
- X3 Optional Lenses (3.8 – 10M @ 100")
- VPL-FX40L is the Lens-less version of the VPL-FX40

1. New Inorganic 0.79" LCD Panel



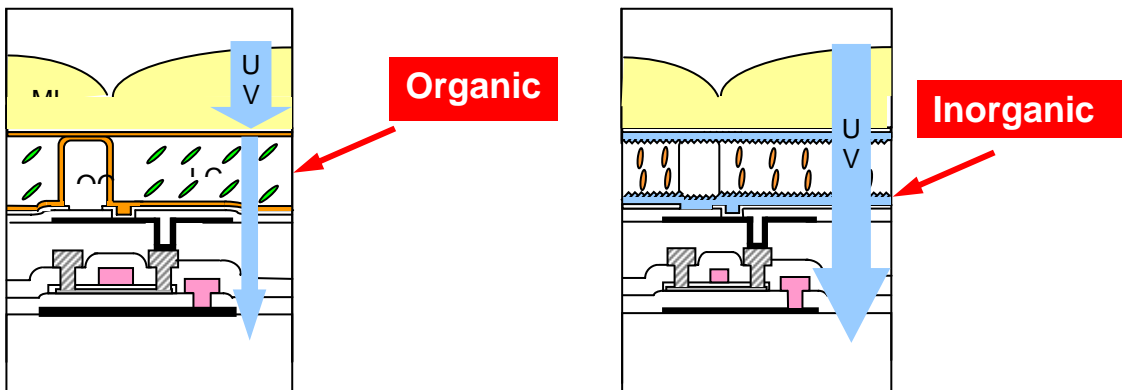
BrightEra

The VPL-FX40 & VPL-FE40 Installation Projectors are the first in our new line up to incorporate our new BrightEra™ Inorganic alignment layer 0.79" LCD Panels manufactured by Sony Panel Group.



This new 0.79" inorganic LCD HTPS panel provides three new advantages.

Improved reliability - Ultra violet light more efficiently can pass through the inorganic material that greatly increases panel life and quality.



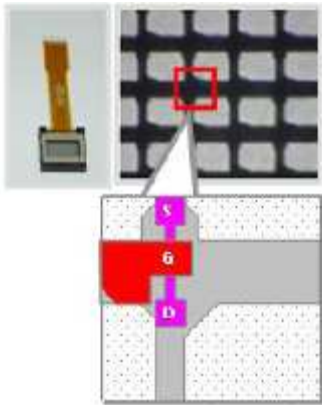
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Brighter & Competitive, Bigger aperture ratio – The new 0.79” Inorganic panel has an aperture ratio percentage improvement scale down of 70%. This means that more light can pass through the 0.79” panel allowing the four new projectors to produce 4000 ANSI Lm of brightness.

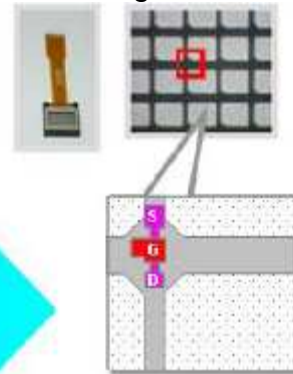
These Panels are the same Panels that are used in Sony’s new Bravia Rear projection Televisions.

This allows these four models to compete against current 0.99” Panel, 4000lm competitive models in the market today.

PX41 Panel

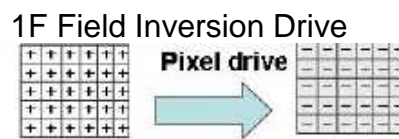


New BrightEra Panel



Approx. 70%
Transistor area
Scale-down

1F (Field) Inversion Drive, Less line Flickering – Incorporating the 1F field Inversion Drive instead of 1H Horizontal drive method, the individual pixels can be controlled better improving transmittance ratio (better brightness) and doubling drive from 60Hz to 120Hz greatly reducing line flicker.



2. Target Markets & Applications

As mentioned in the Introduction, SXGA / SXGA+ Resolution projectors have been in the high-end application, niche markets for many years. Today, these markets are still viable and are a target market for the new VPL-FE40.

**Specialist Applications -
Simulation/Military (SXGA 4000+)**

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Simulation/training market is an increasing niche which often requires high resolution products.

Design/CAD/CAM (SXGA 4000+)

Presentation of CAD/CAM drawings or detailed 'design stages' often requires high levels of detail.

Medical (SXGA 4000+)

Opportunities exist for SXGA+ products within the medical market for showing patient detailed x-rays and within medical training Establishments (videoconferencing feeds of live operations).

Rental

Rental companies are looking to offer high resolution projector products to their growing customer base. Trade Shows (Medical, Aerospace, mapping etc)

On top of the niche applications and markets, as mentioned in the introduction, the corporate and education market wanting to upgrade their existing projectors to a higher resolution is the major reason for the increase of SXGA/SXGA+ products over the next four years.

Target Markets & Applications (Continued)

Corporate



The Corporate market has a full range of different needs and applications for this category. Industries, such as Pharmaceuticals / Medical, Design / architects, where colour and detail is critical are prime markets.

Key Features: SXGA+ Resolution, 2 RGB Input, RS232C Connection, RJ45 Networking, Networking Presentations Low fan Noise, Off & Go, Direct Power On/Off, Password Protection, Panel Control Lock and Ceiling Mount capability
Please see feature section for complete explanation of features

Education (University)

The education market is the number one market for A/V Media equipment and projectors are the preferred device to deliver this media content.

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The education market is an early adopter to new technology and innovation. With growing classrooms and expanding course options, there is a real need for High resolution Projector in the classroom and auditoriums.

Key Features: SXGA+ Resolution, 2 RGB Input, RS232C Connection, RJ45 Networking, Networking Presentations Low fan Noise, Off & Go, Direct Power On/Off, Password Protection, Panel Control Lock and Ceiling Mount capability

3. Product Positioning

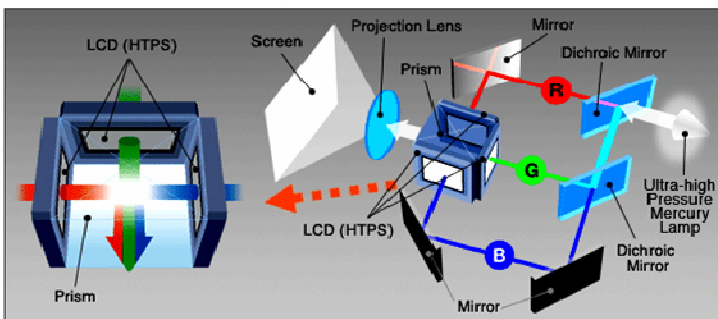
The VPL-FX40 is a direct replacement for the VPL-PX41.
The VPL-FE40 is introduced as a new category targeted to the growing SXGA / SXGA+ market.

4. Features

5.1 LCD Technology



Sony Inorganic 0.79 Inch TFT LCD Panels (X3)
Better Light Efficiency
Better Colour reproduction
Colour Reproduction on Screen



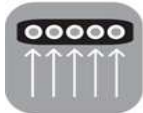
BrightEra

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Brightness

Using the new Inorganic 0.79" HTPS LCD Panels (X3) the four new models can produce 4000ANSI Lumens for clear, bright & crisp images every time and in any environment.



Multi Input

2X RGB for flexible connections, 5BNC And HDMI to connect to digital RGB equipment equipped with HDMI(HDCP), RS232C port for management and control, Network RJ45 for management, maintenance and presentation*, Video in, S Video / Composite Video, Audio 2x Stereo Mini Jack



Monitor Out

The Projector can display the same image simultaneously on a desk top display so the user / professor can face the audience and still view the content on the screen behind.



Low Fan Noise

Quiet operation 28dB / 35dB ensures that the audience will not be distracted by fan noise.



Off & Go Function

The fan continues to cool the new models after the power supply is removed, enabling users to unplug the projector immediately after use, without damaging the lamp or optics. Other projectors need to remain connected to the power supply to cool the projector after use.



Direct Power On/Off

All four new models can be set to skip the standby mode, so that it can be turned on / off directly using a main switch.



Password Protection

Password Protection stops unwanted use. When activated, a password is required to use the projector. Image is not project until the password is entered. If Lost – call Sony Service can retrieve.

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Control Panel
Lock

Control Panel Lock is another security feature. This function locks the control panel to prevent unauthorised or unintentional use of the controls. This function can use on or off.



Lens Shift

Horizontal & Vertical Flexibility available and controlled via the projector and the remote commander



Optional
Lens

3 New Bayonet Optional Lenses (VPL-FE40 & VPL-FX40 comes with standard lens) for a 3.8 to 10M throw for a 100" diagonal screen. 1.6M throw for rear projection.



Full Digital
Processing

12-bit 3D Gamma Correction – These projectors incorporate 12-Bit 3D Gamma Correction circuitry to perform highly accurate gamma correction, achieving image colour and brightness that reach right to the corners of the images



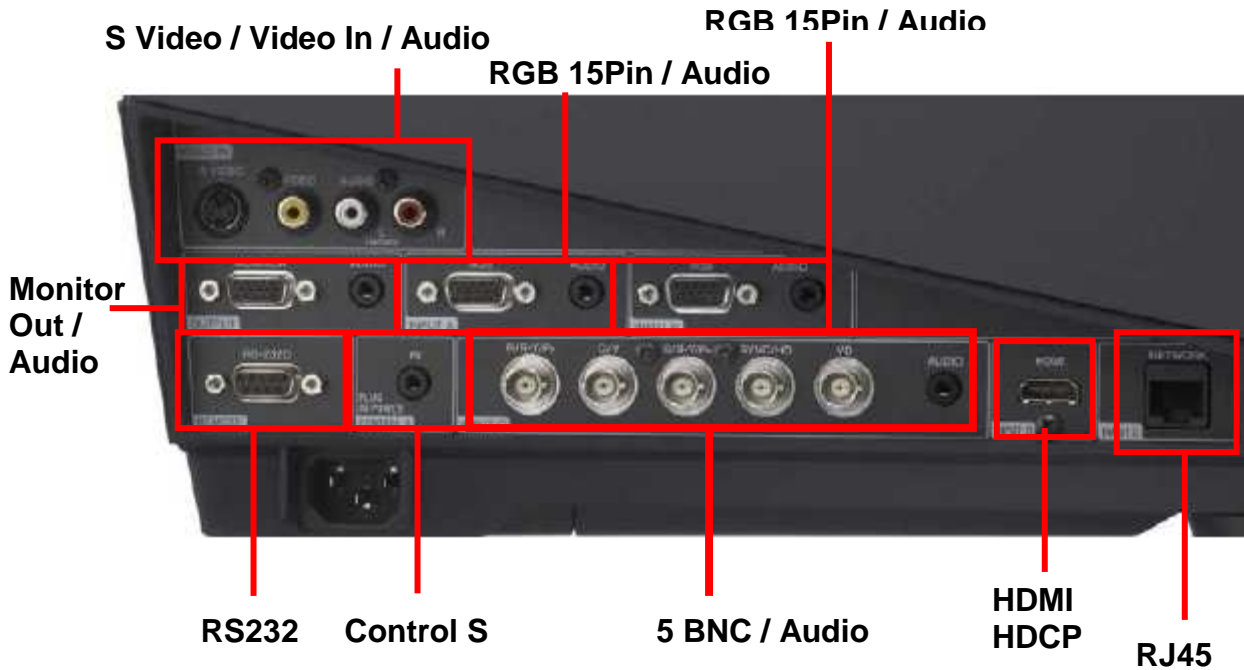
HDMI-Input

The new FX40 & FE40 is equipment with a HDMI interface that supports both video and audio on a single digital connection. The HDMI supports HDCP, High Band-width Digital Content Protection, a copy protection technology that incorporates coding content for digital video signals



The new FX40 & FE40 are registered with the Sony environmental affairs as worthy products for the Eco-Info Mark. These products are environmentally friendly.

5. Input / Output Diagram



6. Optional Accessories



LMP-F270 Ultra High Pressure Replacement Lamp, 190W with 1500 Hours in Standard Mode, 2500 in Low Mode.



PSS-620NL, Projector bracket mount.

Optional Bayonet Lenses

Actual Lenses are different



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	Standard	VPLL-1008	VPLL-0Z1024	VPLL-Z1032
Zoom	X 1.3	Fixed	X 1.45	X 1.6
Throw Ratio	1.875-2.83:1	0.78:1	2.38-3.26:1	3.24-4.45:1
F	1.66 - 2.18	2.0	2.0 - 2.3	2.0 - 2.4
f Number (mm)	30.6 - 39.7	13.1	37.8 - 54.3	52.6 - 84.2
Screen Size	40 - 600"	30 - 300"	40 - 600"	40 - 600"
Shift V	1/2 V	-	1/2 V	1/2 V
H	1/10 H	-	1/10 H	1/10 H
Dimensions W X H X D (mm)	-	130 x 130 x 243	97 x 87 x 180	97 x 87 x 182
Weight	-	1500g	1140g	1140g



7. Specifications

Specification subject to change without notice

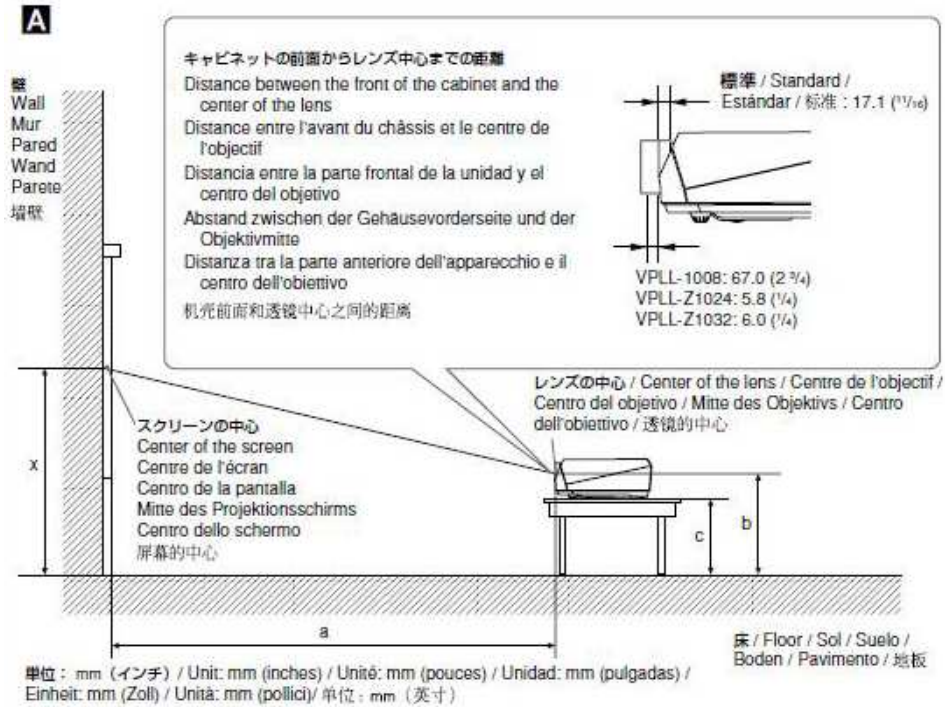
SPECIFICATIONS			
Model Name		VPL-FE40	VPL-FX40
Optical			
Projector System		3 Inorganic LCD panels, 1 lens projection system	
LCD Panel		0.79" TFT Sony LCD Panel 4410,0006 (1400 X 1050) X3	0.79" TFT Sony LCD Panel 2,359,296 (1024 X 768) X3
Projector Lens		Approx 1.3 Times zoom lens (powered) f=30.6 39.7mm f1.66 to 2.18	
Throw Distance	80" Screen	3.0 to 3.9 m	
	100" Screen	3.8 to 4.8 m	
Lamp		275W Ultra High Pressure lamp	
Lamp Life		1500Hr (Lamp mode: High) 2500Hr (Lamp mode: Standard)	
Screen Coverage		40 to 600 inches (measured Diagonally)	
Light Output / ANSI Lumens		4000Lm (lamp mode: High / 3200Lm (lamp mode: Standard)	
Contrast		700:1	
Signals			
Colour System		NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60 system	
Resolution		Video : 750 TV lines RGB : 1400 x 1050 pixels	Video : 750 TV lines RGB : 1024 x 768 pixels
Acceptable Computer Signal		fH : 19 to 92kHz, fV : 48 to 92Hz (up to UXGA (fV 60Hz))	
Acceptable Video Signal		Composite Video, Y/C Video, 15kRGB 50/60Hz, Progressive Component 50/60Hz, DTV (480/60i, 575/50i, 480/60p, 575/50p, 720/60p, 720/60p 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p)	
General			
Dimensions (WxHxD)		532 x 145 x 352 mm (21 x 5 4/4 x 13 7/8 inches) (without projection parts)	
Mass		Approx 9.8Kg / 21lb 1 oz (FE40/FX40) Approx 9.0Kg / 19lb 13 oz (FE40L/FX40L)	
Power Requirements		AC 100 to 240V, 4.1 – 1.7A 50/60Hz	
Power Consumption		Max: 400W, Standby: 15W(Standby mode: Standard) / 0.5W (low)	
Heat Dissipation		1365 BTU	
Fan Noise		35dB (lamp mode: High) / 28dB (Lamp mode: Low)	
Keystone Correction Range		Max +/- 30 degrees vertically	
Speaker		1.8W x 2, Stereo	
Operating Temperature		0 to 35 C degrees (32 to 95 F degrees)	
Operating Humidity		35 to 85% (no condensation)	
Storage Temperature		-20 to 60 C degrees (-4 to 140 F degrees)	
Storage Humidity		10 to 90%	

Specifications (Continued)

SPECIFICATIONS			
Model Name		VPL-FE40	VPL-FX40
Interfaces			
Video Inputs	Composite Video	Phono	
	S Video	Y/C Mini DIN 4-pin	
Input A	Audio	Phono (2)	
	RGB / Component	Analogue RGB / HD D-sub 15-pin (female)	
Input B	Audio	Stereo mini jack	
	RGB	Analogue RGB : HD D-sub 15-pin (female)	
Input C	Audio	Stereo mini jack	
	RGB/Component	Analogue RGB : HD D-sub 15-pin (female)	
Input D	Audio	Stereo mini jack	
	RGB/Component	Digital RGB/Y CB (PB) CR (PR) : HDMI (HDCP)	
Input E	Network	RJ-45 : 10BASE – T/100BASE-TX	
Output	RGB	Analogue RGB : HD D-sub 15-pin (female)	
	Audio	Stereo mini jack (variable out)	
Remote	RS-232C	D-sub 9 pin (female)	
	Control S IN	Control S IN / plug in power : Stereo mini jack	
Safety Regulations			
		UL 60950-1, CSA C22.2 No.60950-1, FCC Class A, IC Class A, CE (LVD: EN60950-1 (DEMKO), EMC: EN55022 Class A + EN55024, EN61000-3-2+ EN61000-3-3), EN55022 Class A 9AUS EMC)	
Supplied Access.			
		Remote Commander RM-PJ18	
		Size AA (R6) batteries (2) for Remote Commander	
		Lens cap (1) (FE40/FX40 Only)	
		Lens Hole Cover (1) (FE40L/FX40L Only)	
		HD D-sub 15-pin cable (1-791-992-xx)	
		Air Filter for replacement	
		Security Label	
		CD-ROM (Operating Instructions, Application Software)	
		Quick Reference Manual	
		Safety Regulations	
		AC Power Cord (1)	
		Warranty Card (outside of box)	
Optional Access.			
Optional projection Lens		VPLL-1008 (0.78:1)	
Optional projection Lens		VPLL-Z1024 (2.38-3.26:1)	
Optional projection Lens		VPLL-Z1032 (3.24-4.95:1)	
Projector Lamp (for replacement)		LMP-F270	
Ceiling Mount		PSS-620NL	

Specifications subject to change without notice

8. Installation (Table Top)



Standard Lens Throw Calculations

SS	40	60	80	100	120	150	180	200	250	300	400	500	600	
a	N	1480	2260	3030	3810	4580	5740	6900	7680	9610	11550	15420	19290	23160
		58 1/4	89	119 2/7	150	180 1/3	226	271 2/3	302 1/3	378 1/3	454 5/7	607	759 4/9	911 4/5
	M	1900	2880	3860	4840	5820	7290	8760	9740	12190	14640	19540	24440	29350
		74 4/5	113 2/5	152	190 5/9	229 1/7	287	344 7/8	383 1/2	480	576 3/8	769 2/7	962 1/5	1155 1/2
b	N	X- 305	X- 457	X- 610	X- 762	X- 914	X- 1143	X- 1372	X- 1524	X- 1905	X2286	X- 3048	X- 3810	X- 4572
		x-12	x-18	x-24	x-30	x-36	x-45	x-54	x-60	x-75 1/2	x-90 1/2	x-120 1/2	x-150 1/2	x-180 1/2
	M	X-0												
c	N	X- 392	X- 545	X- 697	X- 850	X- 1002	X1231	X- 1459	X- 1612	X- 1993	X- 2374	X3136	X3898	X- 4660
		x-15 1/2	x-21 1/2	x-27 1/2	x-33 1/2	x-39 1/2	x-48 1/2	x-57 1/2	x-63 1/2	x-78 1/2	x-93 1/2	x-123 1/2	x-153 1/2	x-183 1/2
	M	X-88 (3 1/2)												
d	N	81	122	163	203	244	305	366	406	508	610	813	1016	1219
		3 1/5	4 4/5	6 3/7	8	9 3/5	12	14 2/5	16	20	24	32	40	48



Installation Table Top (Continued)

VPLL-1008 Lens Throw Calculations

SS	60	80	100	120	150	180	200	250	300
	930	1260	1590	1930	2420	2920	3250	4080	4910
a	36 3/5	49 3/5	62 3/5	76	95 2/7	115	128	160 5/8	193 1/3
b	X-0								
c	x-88 (3 1/2)								

VPLL-Z1024 Lens Throw Calculation

SS	40	60	80	100	120	150	180	200	250	300	400	500	600	
	1880	2860	3850	4840	5820	7300	8780	9770	12230	14700	19630	24570	29500	
a	N	112 74	151 3/5	190 4/7	229 5/9	287 1/7	345 2/5	481 2/3	578 2/3	772 1/2	967 3/4	1161 5/6	1318 1/3	1583 3/7
	M	2590	3950	5280	6630	7970	9990	12000	13350	16700	20060	26780	33500	40220
b	N	X- 305	X- 457	X- 610	X- 762	X- 914	X- 1143	X- 1372	X- 1524	X- 1905	X- X2286	X- 3048	X- 3810	X- 4572
	M	x-12	x-18	x-24	x-30	x-36	x-45	x-54	x-60	x-75 1/2	x-90 1/2	x-120 1/2	x-150 1/2	x-180 1/2
c	N	X- 392	X- 545	X- 697	X- 850	X- 1002	X1231	X- 1459	X- 1612	X- 1993	X- 2374	X3136	X3898	X- 4660
	M	x-15 1/2	x-21 1/2	x-27 1/2	x-33 1/2	x-39 1/2	x-48 1/2	x-57 1/2	x-63 1/2	x-78 1/2	x-93 1/2	x-123 1/2	x-153 1/2	x-183 1/2
d	N	81 3 1/5	122 4 4/5	163 6 3/7	203 8	244 9 3/5	305 12	366 14 2/5	406 16	508 20	610 24	813 32	1016 40	1219 48

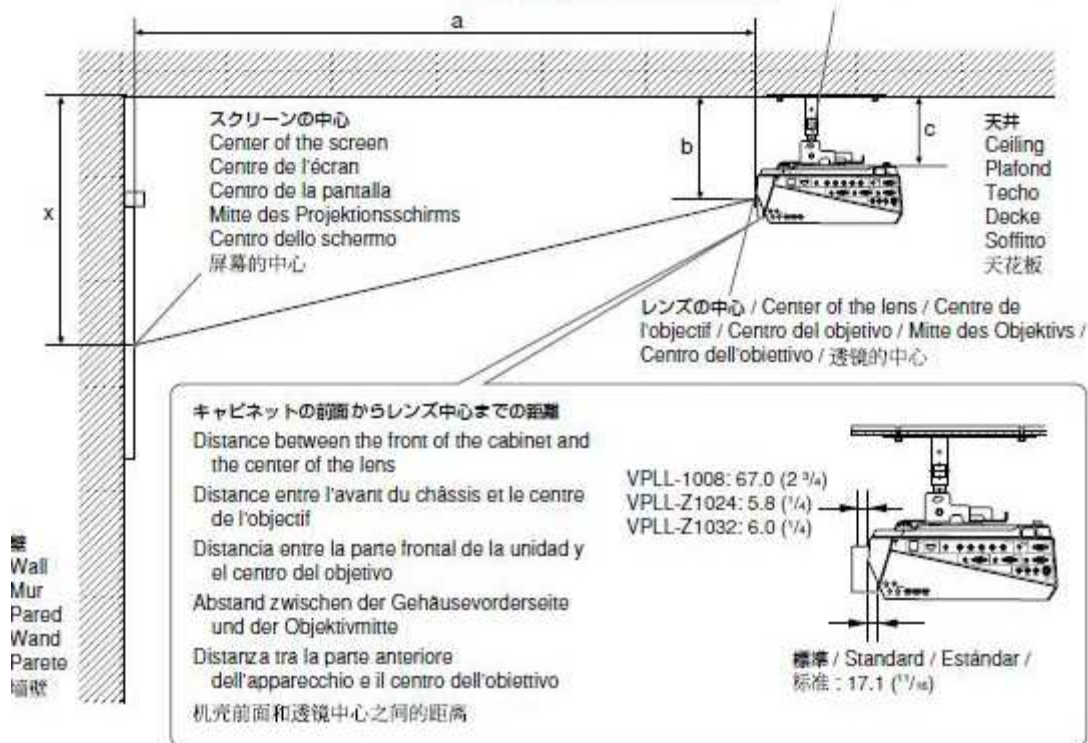
VPLL-Z1032 Lens Throw Calculation

SS	40	60	80	100	120	150	180	200	250	300	400	500	600	
	2550	3890	5240	6580	7930	9950	11970	13310	16670	20040	26760	33490	40220	
a	N	100 2/5	153 1/7	206 2/7	259	312 1/5	391 3/4	471 1/4	524	656 2/7	789	1053 1/2	1318 1/2	1583 1/2
	M	3940	5980	8020	10060	12090	15150	18210	20240	25340	30430	40620	50810	60990
b	N	X- 305	X- 457	X- 610	X-762	X-914	X- 1143	X- 1372	X- 1524	X- 1905	X2286	X- 3048	X- 3810	X- 4572
	M	x-12	x-18	x-24	x-30	x-36	x-45	x-54	x-60	x-75 1/2	x-90 1/2	x-120 1/2	x-150 1/2	x-180 1/2
c	N	X- 392	X- 545	X- 697	X-850	X- 1002	X1231	X- 1459	X- 1612	X- 1993	X- 2374	X3136	X3898	X- 4660
	M	x-15 1/2	x-21 1/2	x-27 1/2	x-33 1/2	x-39 1/2	x-48 1/2	x-57 1/2	x-63 1/2	x-78 1/2	x-93 1/2	x-123 1/2	x-153 1/2	x-183 1/2
d	N	81 3 1/5	122 4 4/5	163 6 3/7	203 8	244 9 3/5	305 12	366 14 2/5	406 16	508 20	610 24	813 32	1016 40	1219 48

9. Installation (Ceiling Mount)



プロジェクターサスペンションサポートPSS-610 (別売)
 PSS-610 Projector Suspension Support (not supplied)
 Support de suspension pour projecteur PSS-610 (non fourni)
 Soporte de suspensión para proyector PSS-610 (no suministrado)
 Projektoraufhängung PSS-610 (nicht mitgeliefert)
 Supporto di sospensione del proiettore PSS-610 (non in dotazione)
 PSS-610 投影机悬吊支架 (未附带)



単位: mm (インチ) / Unit: mm (inches) / Unité: mm (pouces) / Unidad: mm (pulgadas) / Einheit: mm (Zoll) / Unità: mm (pollici) / 单位: mm (英寸)

Standard Lens Throw Calculations

SS	40	60	80	100	120	150	180	200	250	300	400	500	600	
a	N	1480	2260	3030	3810	4580	5740	6900	7680	9610	11550	15420	19290	23160
	M	58 1/4	89	119 2/7	150	180 1/3	226	271 2/3	302 1/3	378 1/3	454 5/7	607	759 4/9	911 4/5
b	N	1900	2880	3860	4840	5820	7290	8760	9740	12190	14640	19540	24440	29350
	M	74 4/5	113 2/5	152	190 5/9	229 1/7	287	344 7/8	383 1/2	480	576 3/8	769 2/7	962 1/5	1155 1/2
c	N	c + 85 (c + 34/4)												
	M	c + 91 (c + 3 5/8)												
d	N	81	122	163	203	244	305	366	406	508	610	813	1016	1219
	M	3 1/5	4 4/5	6 3/7	8	9 3/5	12	14 2/5	16	20	24	32	40	48
x	N	c + 85 (c + 3 3/4)												
	M	c + 390	c + 542	c + 695	c + 847	c + 999	c + 1228	c + 1457	c + 1609	c + 1990	c + 2371	c + 3133	c + 3895	c + 4657
	M	c + 15 3/5	c + 21 1/3	c + 27 1/3	c + 33 1/3	c + 39 1/3	c + 48 1/3	c + 57 1/3	c + 63 1/3	c + 78 1/3	c + 93 1/3	c + 123 1/3	c + 153 1/3	c + 183 1/3



Installation Ceiling Mount (Continued)

VPLL-Z1024 Lens Throw Calculation

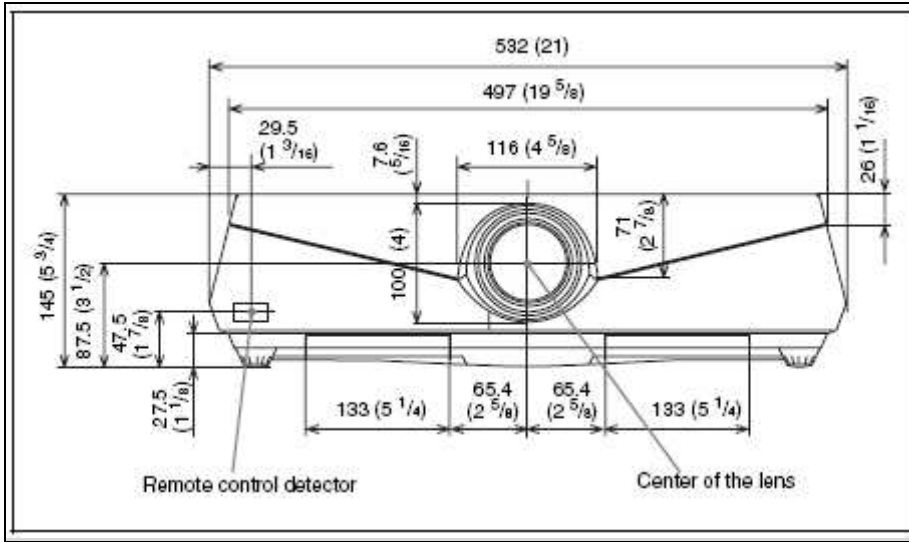
SS		40	60	80	100	120	150	180	200	250	300	400	500	600
a	N	1880	2860	3850	4840	5820	7300	8780	9770	12230	14700	19630	24570	29500
		74	112 3/5	151 4/7	190 5/9	229 1/7	287 2/5	345 2/3	384 2/3	481 1/2	578 3/4	772 5/6	967 1/3	1161 3/7
	M	2590	3950	5280	6630	7970	9990	12000	13350	16700	20060	26780	33500	40220
		102	155 1/2	207 7/8	261	313 7/9	393 1/3	472 4/9	525 3/5	657 1/2	789 3/4	1054 1/3	1318 8/9	1583 1/2
b	N	c + 85 (c + 34/4)												
	M	c + 91 (c + 3 5/8)												
d	N	81	122	163	203	244	305	366	406	508	610	813	1016	1219
		3 1/5	4 4/5	6 3/7	8	9 3/5	12	14 2/5	16	20	24	32	40	48
x	N	c + 85 (c + 3 3/4)												
		c + 390	c + 542	c + 695	c + 847	c + 999	c + 1228	c + 1457	c + 1609	c + 1990	c + 2371	c + 3133	c + 3895	c + 4657
	M	c + 15 3/5	c + 21 1/3	c + 27 1/3	c + 33 1/3	c + 39 1/3	c + 48 1/3	c + 57 1/3	c + 63 1/3	c + 78 1/3	c + 93 1/3	c + 123 1/3	c + 153 1/3	c + 183 1/3

VPLL-Z1032 Lens Throw Calculation

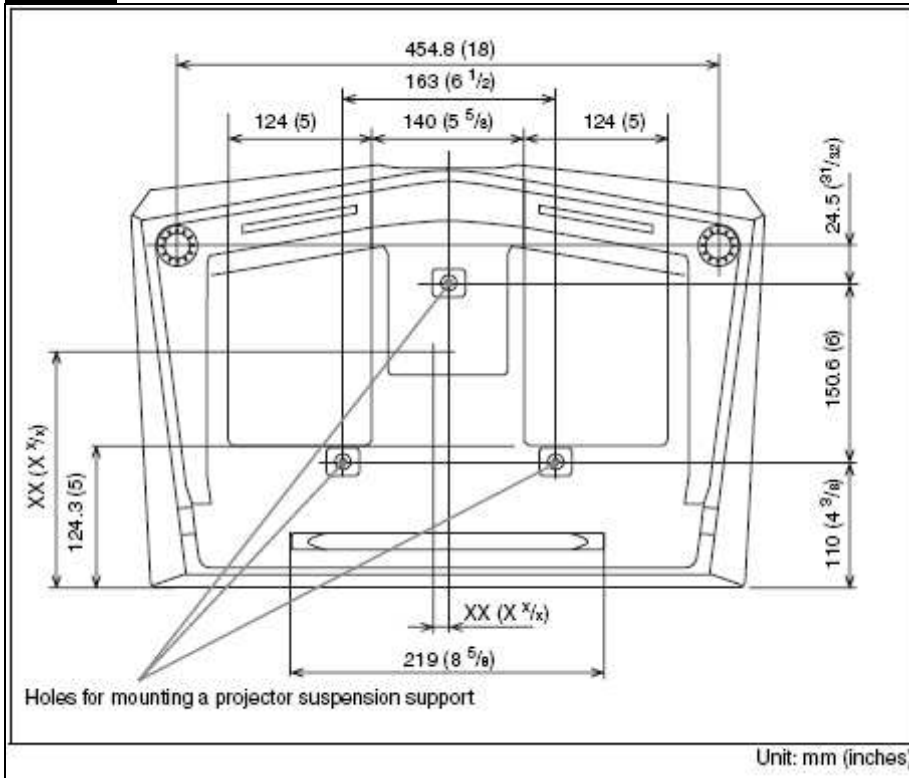
SS		40	60	80	100	120	150	180	200	250	300	400	500	600
a	N	2550	3890	5240	6580	7930	9950	11970	13310	16670	20040	26760	33490	40220
		100 2/5	153 1/7	206 2/7	259	312 1/5	391 3/4	471 1/4	524	656 2/7	789	1053 1/2	1318 1/2	1583 1/2
	M	3940	5980	8020	10060	12090	15150	18210	20240	25340	30430	40620	50810	60990
		155 1/8	235 3/7	315 3/4	396	476	596 1/2	717	796 6/7	997 2/3	1198	1599 1/5	2000 2/5	2401 1/6
b	N	c + 85 (c + 34/4)												
	M	c + 91 (c + 3 5/8)												
d	N	81	122	163	203	244	305	366	406	508	610	813	1016	1219
		3 1/5	4 4/5	6 3/7	8	9 3/5	12	14 2/5	16	20	24	32	40	48
x	N	c + 85 (c + 3 3/4)												
		c + 390	c + 542	c + 695	c + 847	c + 999	c + 1228	c + 1457	c + 1609	c + 1990	c + 2371	c + 3133	c + 3895	c + 4657
	M	c + 15 3/5	c + 21 1/3	c + 27 1/3	c + 33 1/3	c + 39 1/3	c + 48 1/3	c + 57 1/3	c + 63 1/3	c + 78 1/3	c + 93 1/3	c + 123 1/3	c + 153 1/3	c + 183 1/3

10. Dimensions

Front

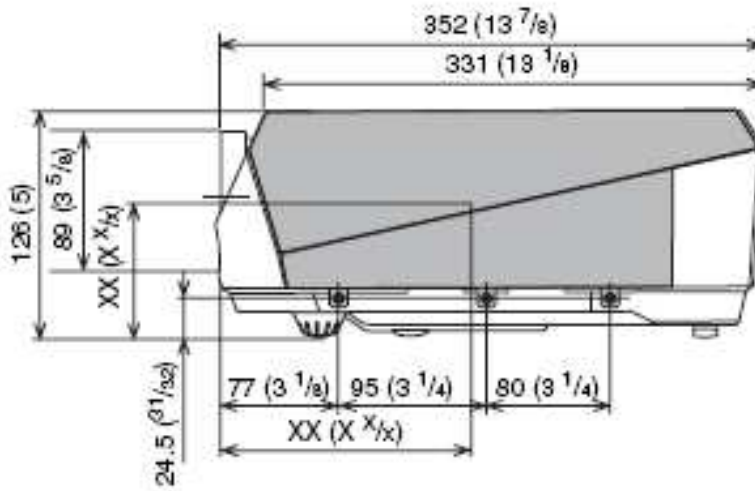
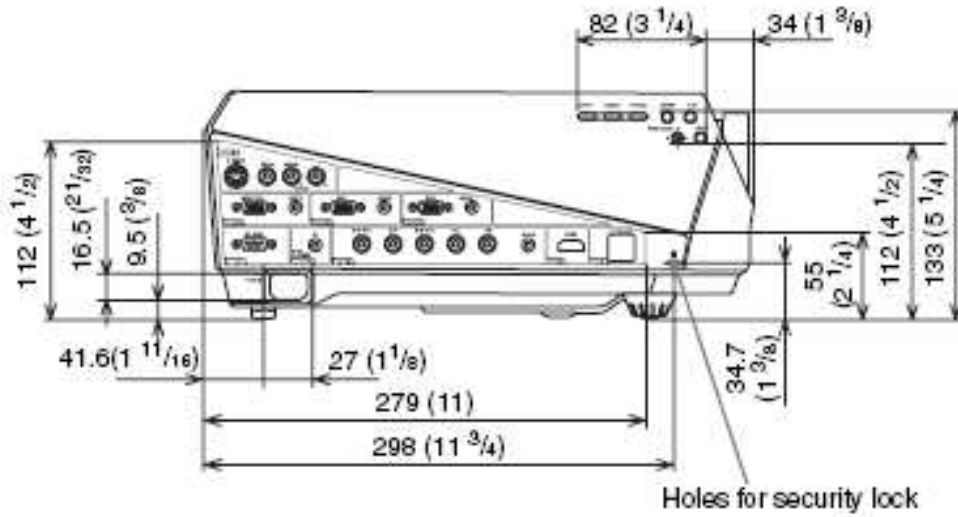


Bottom



SONY

Side



Unit: mm (inches)



11. Preset Signals

Memory No.	Preset signal		fH (kHz)	fV (Hz)	Sync	SIZE
1	Video 60 Hz	Video 60 Hz	15.734	59.940	–	–
2	Video 50 Hz	Video 50 Hz	15.625	50.000	–	–
3	480/60i	DTV 480/60i	15.734	59.940	Composite Sync	–
4	575/50i	DTV 575/50i	15.625	50.000	Composite Sync	–
5	480/60p	480/60p (NTSC Progressive component)	31.470	60.000	S on G/Y	–
6	575/50p	575/50p (PAL 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	–
12	1080/60p	1080/60p	67.500	60.000	S on G/Y	–
13	1080/50p	1080/50p	56.260	50.000	S on G/Y	–
21	640 × 350	VGA-1 (VGA350)	31.469	70.086	H-pos, V-neg	800
22		VESA 85 (VGA350)	37.861	85.080	H-pos, V-neg	832
23	640 × 400	NEC PC98	24.823	56.416	H-neg, V-neg	848
24		VGA 2 (TEXT)/VESA70	31.469	70.086	H-neg, V-pos	800
25		VESA 85 (VGA400)	37.861	85.080	H-neg, V-pos	832
26	640 × 480	VESA 60	31.469	59.940	H-neg, V-neg	800
27		Mac 13	35.000	66.667	H-neg, V-neg	864
28		VESA 72	37.861	72.809	H-neg, V-neg	832
29		VESA 75 (IBM M3)	37.500	75.000	H-neg V-neg	840
30		VESA 85	43.269	85.008	H-neg V-neg	832
31	800 × 600	VESA 56	35.156	56.250	H-pos, V-pos	1024
32		VESA 60	37.879	60.317	H-pos, V-pos	1056
33		VESA 72	48.077	72.188	H-pos, V-pos	1040
34		VESA 75 (IBM M5)	46.875	75.000	H-pos, V-pos	1056
35		VESA 85	53.674	85.061	H-pos, V-pos	1048
36	832 × 624	Mac 16	49.724	74.550	H-neg, V-neg	1152



Preset Signals (Continued)

Memory No.	Preset signal	fH (kHz)	fV (Hz)	Sync	SIZE	
37	1024 × 768	VESA 60	48.363	60.004	H-neg V-neg	1344
38		VESA 70	56.476	70.069	H-neg V-neg	1328
39		VESA 75	60.023	75.029	H-pos, V-pos	1312
40		VESA 85	68.677	84.997	H-pos, V-pos	1376
45	1280 × 960	VESA 60	60.000	60.000	H-pos, V-pos	1800
46		VESA 75	75.000	75.000	H-pos, V-pos	1728
47	1280 × 1024	VESA 60	63.974	60.013	H-pos, V-pos	1696
48		SXGA VESA75	79.976	75.025	H-pos, V-pos	1688
49		SXGA VESA85	91.146	85.024	H-pos, V-pos	1476
50	1400 × 1050	SXGA+	65.317	59.978	H-neg, V-pos	1864
51	1600 × 1200	UXGA VESA60	75.000	60.000	H-pos, V-neg	2100
55	1280 × 768	1280 × 768/60	47.776	59.870	H-neg, V-pos	1664
56	1280 × 720	1280 × 720/60	44.772	59.855	H-neg, V-pos	1664

Preset number for input

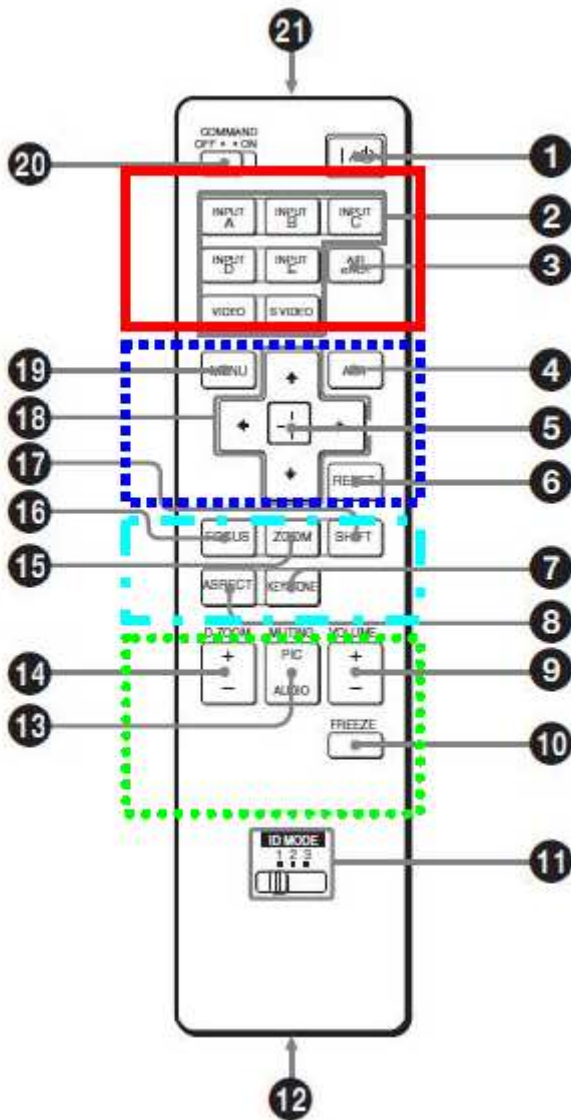
Analog

Signal	Preset Memory Number
Composite, Y/C Video (VIDEO, S VIDEO)	1, 2
Component (INPUT C)	3-8, 10-11
Video GBR (INPUT C)	3-8, 10-11
Computer (INPUT A, INPUT B, INPUT C)	21-40, 45-51, 55, 56

Digital

Signal	Preset Memory Number
Component (INPUT D)	3-8, 10-13
Video GBR (INPUT D)	3-8, 10-13
Computer (INPUT D)	26, 32, 36, 37, 45, 47, 50, 51, 55

13. Remote Commander RM-PJ18



INPUT Select zone
 2) INPUT A/B/C/D/E key
 3) AIR SHOT key

Adjusting zone
 4) APA key
 5) ENTER key
 6) RESET key
 18) Δ / \triangleright / ∇ / \triangleleft key
 19) MENU key

Setting zone
 7) KEYSTONE
 8) ASPECT key
 15) ZOOM key
 16) SHIFT key
 17) FOCUS key

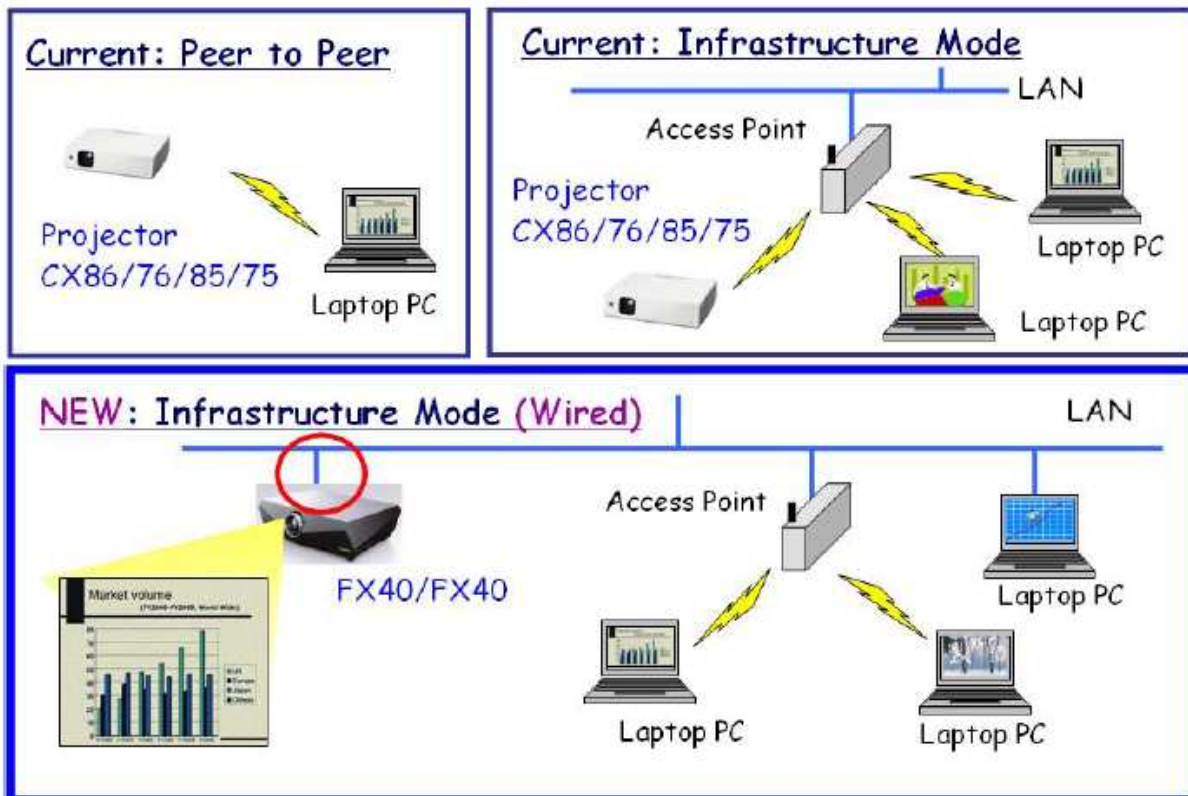
1) I / ON (ON/STANDBY) key
 11) ID MODE ★
 12) CONTROL S OUT jack
 20) COMMAND ON/OFF key
 21) Infrared Transmitter

Presentation zone
 9) VOLUME +/- key
 10) FREEZE key
 13) MUTING PIC / AUDIO key

14. Network Presentation

Both models will incorporate Sony's new Network Presentation capability using the popular AirShot™ Wireless technology. We have taken our AirShot technology one step further. With the new VPL-PE40 & VPL-PX40 the presenter has the ability to send their presentation wirelessly, to a network access point, or directly from their PC to the projector. If the presenter is on the network they can access the projector remotely.

Difference in capability



- 100 PC Computers can be set up to access the projector from the network
- 5 Projectors can simultaneously project an image from one PC

A Full Instruction guide "How to Set Up & Use" will be come available at time of Launch