SONY

Visual Simulation and Visual Entertainment

Incredible 4K detail for simulation and visualisation

Every projector in our simulation and visualisation line-up delivers stunning 4K images. At more than four times the resolution of Full HD, it guarantees an astonishingly detail-packed experience, with richer colour and unbeatable image quality. Whether you're creating a flight simulation for pilot training, a Planetarium, or sharing a finely-detailed visualisation for an automotive design, all projectors can provide you with the very best picture.

SRX-T615

SRX-T series for professional and industrial visualisation

- Detail with true 4K SXRD picture quality
- Best in class 12,000:1 contrast ratio and 18,000 centre lumens combined
- Efficient, easy to handle HPM multi-lamp array
- Interleaved lamp control for longer life
- Lamp fail-safe for resilient operation
- Easy-on-the-eye 3D
- Create super-sized images with edge blending
- Flexible throw distance with interchangeable lens

	Projector (SRX-T615)
Resolution	4096 x 2160
Display device	3 x 1.48" 4K SXRD
Brightness	18,000 Centre lumens
Contrast ratio	12,000:1
Lamp technology	6 x HMP lamp 450W/330W

SRX-T423

- Detailed with true 4K SXRD picture quality.
- 23,000 centre lumens and 3,000:1 contrast ratio combined.
- High brightness projection in dual projection 4K 3D.
- Flexible throw distance with interchangeable lens.
- Better light output efficiency for high brightness mode with 4.2KW lamps.

	Projector (SRX-T423)
Resolution	4096 x 2160
Display device	3 x 1.48" 4K SXRD
Brightness	23,000 center lumens (Normal mode) 30,000 center lumens (High brightness mode)
Contrast ratio	3,000:1
Lamp technology	4KW Xenon lamp

VPL-GTZ1

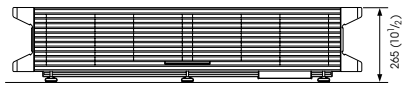
Professional 4K SXRD projectors for visualisation and simulation

Combining the best Sony technologies, the VPL-GTZ1 is a 4K Ultra-Short Throw projector with a laser light source for 20,000 hours of high performance, virtually zero maintenance without the need for a lamp exchange. At 2,000 lumens brightness, it's perfect for museums, design simulation, industry, education, business and can be used to create stunning video walls.

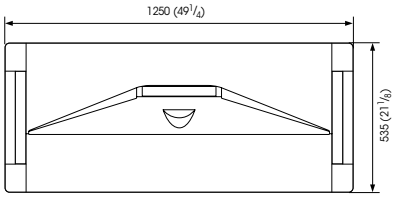
- Detail-packed 4K image quality
- Projected image size: 66" to 147"
- No lamp: 20,000 hours virtually zero maintenance requirements
- Quick on/off
- Floor standing or ceiling mount with front and rear projection
- 'Blend in' design to suit any environment

Front

Unit: mm (inches)



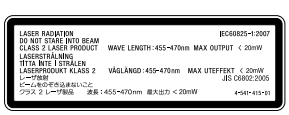
Top



		Projector (VPL-GTZ1)
Display System		SXRD panel, projection system
Display device		SXRD 0.74" (18.8 mm) × 3
	Number of pixels	26,542,080 (4096 x 2160 x 3) pixels
Projection lens	Zoom	Powered (Approx. ×1.6)
	Focus	Powered
	Corner correction adjustment	Powered
	Throw Ratio	0.16:1 to 0.25:1
Light source		Laser diode
Projection image size		66" to 147" (1,676 mm to 3,734 mm)
Light output		2000 lm
Colour light output		2000 lm
Contrast ratio		∞:1 (dynamic contrast)
Accepted digital signals*1		VGA, SVGA, XGA, WXGA(1280x768), Quad-VGA, SXGA, SXGA+, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, 1080/24p, 3840x2160/24p, 3840x2160/25p, 3840x2160/30p, 3840x2160/50p*2, 3840x2160/60p*2, 4096x2160/24p, 4096x2160/25p, 4096x2160/30p, 4096x2160/50p*2, 4096 x 2160/60p*2
Inputs/Outputs (Video/Audio/Control)	HDMI Inputs	4
	REMOTE	RS-232C, D-sub 9-pin
	LAN	RJ45, 10BASE-T/100BASE-TX
	IR IN	Mini Jack
	USB	Type A, DC 5 V, Max. 500 mA
Operating temperature (Operating humidity)		5°C to 35°C (41°F to 95°F) (35% to 85% (no condensation))
Storage temperature (Storage humidity)		–20°C to +60°C (–4°F to +140°F) (10% to 90% (no condensation))
Power requirements		AC 100 V to 240 V, 5.9 A to 2.5 A, 50/60 Hz
Power consumption		520 W
Standby mode power consumption		0.5 W
Acoustic noise		26 dB
Dimensions (W×H×D)		1,250 mm × 265 mm × 535 mm (49.2 inches × 10.4 inches × 21.1 inches) 1,100 mm × 265 mm × 535 mm (43.3 inches × 10.4 inches × 21.1 inches) (without handle)
Mass		55 kg (121 lb)
Optional accessories		Active 3D Glasses: TDG-BT500A

*1 60p,30p,24p include 59.94/60Hz, 29.97Hz/30Hz, 23.98Hz/24Hz
*2 YCbCr 4:2:0 / 8 bit format signal
Design of this unit is subject to change without notice.

This data projector is classified as a CLASS 2 LASER PRODUCT. (Laser radiation IEC60825-1:2007)



VPL-GT100

VPL-GT100 is a compact professional 4K SXRD projector with 2,000 lumens brightness, ideal for simulation. It features a dual display port input for outstanding native 4096 x 2160 resolution at 60 frames per second, while Sony's latest generation SXRD panel and advanced Iris3 technology achieve an incredible dynamic contrast ratio of 1,000,000:1.

- Richer pictures with Wide Colour Space (DCI, Adobe RGB)
- Transport delay reduction, for smooth images
- Portrait or landscape installation
- Smear reduction with Sony's Dark Frame Insertion technology
- Compact – 20kg

	Projector (VPL-GT100)
Resolution	4096 x 2160
Display device	3 x 0.74" 4K SXRD
Brightness	2,000 lumens
Dynamic contrast ratio	1,000,000:1
Lamp technology	330W HMP lamp

LKRL-Z519

LKRL-Z219

LKRL-Z514

LKRL-Z211

LKRL-Z511

Lamp

	SRX-T615	SRX-T420
Lamp	LKRM-U450 LKRM-U330 LKRM-U331	LKRX-2042A

Interchangeable lens

SRX-T615	LKRL-Z511	LKRL-Z514	LKRL-Z519	
Throw ratio	1.05-1.75	1.35-2.34	1.80-4.00	
SRX-T423	LKRL-Z211	LKRL-Z214	LKRL-Z219	LKRL-Z140
Throw ratio	1.05-1.75	1.35-2.40	1.85-4.00	3.81-7.12
3D Lens for SRX-T615	LKRL-A502	LKRL-A503		
Throw ratio	1.03-1.85	1.70-3.76		

Interface board

	SRX-T615	SRX-T420
DVI Board	QMCB-DVI	LKRI-005
HD-SDI Board	QMCB-SDI	LKRI-003

VPL-GTZ280

4K SXRD 5000 lumens Laser Light Source Projector

Sony combines the best of its projection technologies, 4K SXRD imagery and laser light source technology, to create a projector with native 4K resolution, high-speed signal processing, fast motion blur reduction, infrared light output for night vision, and vibration resistance - all ideal for visualisation, simulation and training applications.

- Exclusive SXRD chip provides native 4K resolution and high contrast ratio
- Super high speed signal processor reduces blur in fast motion scenes with 120Hz input
- 4K 3D capability for reliable simulation
- Deep blacks reduce white band visibility for multi-projector blending
- Long life optics, up to 20,000h (up to 40,000h in low brightness mode)
- Dust resistance by sealed optics
- Constant brightness mode and periodic auto calibration for enduring image quality
- High speed motion functions: 4K 120Hz input, smear reduction, transport delay reduction
- Infrared light output for night vision simulation
- Angle-free installation and vibration endurance for motion based system
- Whisper quiet operation less than 35dB

All information and data given is preliminary as of August 2015

		VPL-GTZ280
Display system		4K SXRD panel projection system
Display device	Size of effective display area	0.74» (18.8mm) x3
	Number of pixels	26,542,080 (4096 x 2160 x 3) pixels
Projection lens*	Focus	Powered
	Zoom	Powered
	Lens Shift	VPLL-Z7008: Powered V:± 0.5V I H:± 0.18H VPLL-Z7013: Powered V:± 0.8V I H:± 0.31H
	Throw Ratio	VPLL-Z7008: 0.8:1 to 1.0:1 VPLL-Z7013: 1.27:1 to 2.73:1
Light source		Laser diode
Light output		5,000 lm
Colour light output		5,000 lm
Contrast ratio		∞ to 1 (dynamic contrast)
Display resolution	Computer signal input	Maximum display resolution: 4,096 x 2,160 dots
	IMaximum Video signal input	4K120p 4:4:410bit (DP x 4)
Input / Output		Display Port (HDCP 1.3,) x 2, Display Port (HDCP 1.3, Up to 1920x1080) x2, RS-232C,SYNC IN/OUT,IR IN/OUT, Trigger,LAN,USB
Acoustic noise		35 dB
Operating temperature (Operating humidity)		5°C to 40°C (41°F to 104°F) (35% to 85%) (no condensation)
Power requirements		AC100V to 240V, 50/60Hz
Power consumption I Standby Power Consumption		approx. 1.2KW | 0.5 W
Heat dissipation		4,095 BTU/h
Dimensions		W550 x H228 x D750 (mm) I W21.6 x H9.0 x D29.5 (inch)
Mass		40kg I 88.2 lb (excluding lens)
Optional accessories		VPLL-Z7013 (Normal throw lens), VPLL-Z7008 (Short throw lens), TDG-BT500A (3D glass)

*The lenses are optional accessories.

VPL-GTZ270

4K SXRD 5000 lumens Laser Light Source Projector

Sony combines the best of its projection technologies, 4K SXRD imagery and laser light source technology, to create a projector with native 4K resolution, an extremely high contrast ratio, high dynamic range and wide colour space - ideal for visual entertainment applications including planetariums, theme parks, and museums.

- Exclusive SXRD chip provides native 4K resolution and high contrast ratio
- 'Reality Creation' upscaling
- HDR (High Dynamic Range)
- Wide Colour Space - covers full DCI range and simulated BT2020
- 4K 3D capability
- Deep blacks reduce white band visibility for multi-projector blending
- Less maintenance
- Long life optics, up to 20,000h (up to 40,000h in low brightness mode)
- Dust resistance by sealed optics
- Constant brightness mode and periodic auto calibration for enduring image quality
- Angle-free installation
- Robust chassis for easy handling and self stack capability
- Whisper quiet operation less than 35dB

All information and data given is preliminary as of August 2015

		VPL-GTZ270
Display system		4K SXRD panel projection system
Display device	Size of effective display area	0.74» (18.8mm) x3
	Number of pixels	26,542,080 (4096 x 2160 x 3) pixels
Projection lens*	Focus	Powered
	Zoom	Powered
	Lens Shift	VPLL-Z7008: Powered V:± 0.5V I H:± 0.18H VPLL-Z7013: Powered V:± 0.8V I H:± 0.31H
	Throw Ratio	VPLL-Z7008: 0.8:1 to 1.0:1 VPLL-Z7013: 1.27:1 to 2.73:1
Light source		Laser diode
Light output		5,000 lm
Colour light output		5,000 lm
Contrast ratio		∞ to 1 (dynamic contrast)
Display resolution	Computer signal input	Maximum display resolution: 4,096 x 2,160 dots
	IMaximum Video signal input	4K60p 4:4:4 8bit /4:2:2 12bit (HDMI) 4K60p 4:4:4 8bit (Display Port)
Input / Output		HDMI (HDCP 2.2) x 2,Display Port (HDCP 1.3) x 2, RS-232C,SYNC IN/OUT,IR IN/OUT, Trigger,LAN,USB
Acoustic noise		35 dB
Operating temperature (Operating humidity)		5°C to 40°C (41°F to 104°F) (35% to 85%) (no condensation)
Power requirements		AC100V to 240V, 50/60Hz
Power consumption I Standby Power Consumption		approx. 1.2KW | 0.5 W
Heat dissipation		4,095 BTU/h
Dimensions		W550 x H228 x D750 (mm) I W21.6 x H9.0 x D29.5 (inch)
Mass		40kg I 88.2 lb (excluding lens)
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