

SONY

VPL-GTZ380

The world's most advanced compact
4K SXRD™ 10,000lm Laser Projector



SXRD

X1
for projector

Z-Phosphor
LASER LIGHT SOURCE

At a glance

- Native 4K resolution: 4096x2160
- 10,000 ANSI lumens
- Infinite dynamic contrast
- 100% DCI-P3 with no brightness loss
- 'X1 Ultimate for Projector' advanced picture processing
- Object based HDR remaster
- Object based Super Resolution for industry leading image clarity
- Digital Contrast Optimizer for inky blacks and shadow detail

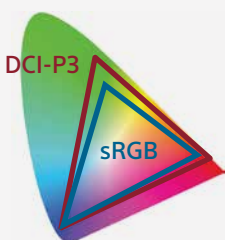
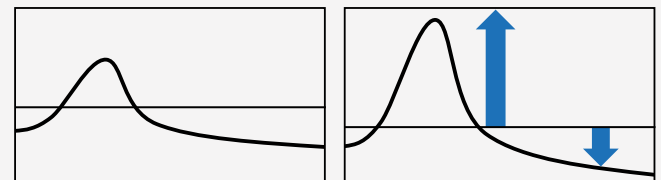
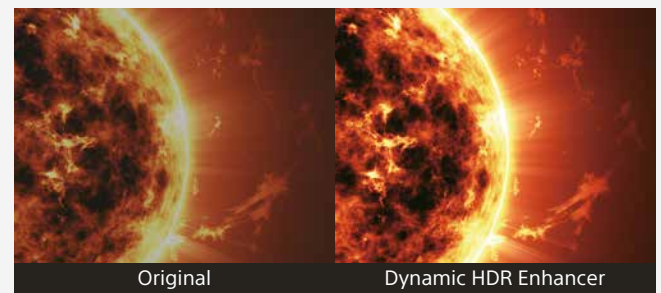
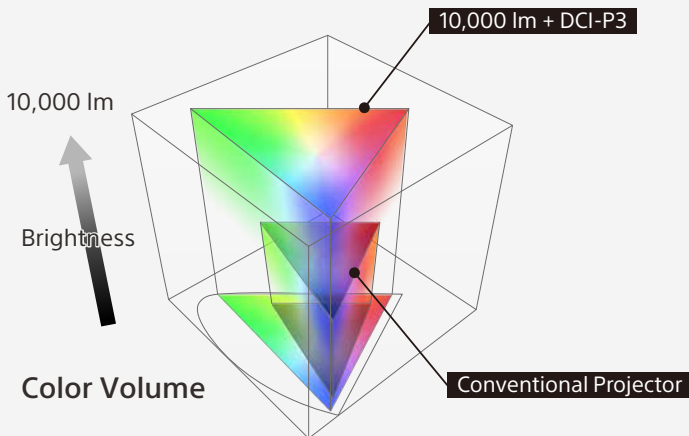
The Sony VPL-GTZ380 is the world's most advanced projector designed for large home cinemas to bring a true theater experience home. An exceptional 10,000 lumens of brightness with 100% DCI-P3 wide color gamut is perfect for the largest and most lavishly equipped home cinema rooms and well-lit living spaces alike. The VPL-GTZ380 brings movies to life with strikingly expressive images that deliver an unforgettable viewing experience, for whatever you're watching.

Laser light source

The VPL-GTZ380 has a brand new laser light source design that includes an additional red diode. This enables the projector to achieve 100% DCI-P3 colour space without the need for colour filtering resulting in no brightness loss when using DCI-P3.

Dynamic HDR Enhancer

Deliver the optimal projected HDR experience through Sony's advanced scene by scene HDR processing. Achieve striking highlights whilst maintaining deep black levels.



DCI-P3 is 100% covered
DCI-P3 is 1.35x wider than sRGB

Native 4K SXRDTM panel

Sony's advanced SXRDTM (Silicon X-tal Reflective Display) panel technology featured in Sony's digital cinema projectors delivers native 4K (4096 x 2160) resolution images, with more than four times the detail of Full HD. Fine details are wonderfully clear and natural, without jagged edges or visible pixels.



Native 4K Panel
4096 x 2160
(8.8 million pixels)



Dual Database Processing

Two powerful image improvement databases work together to dynamically improve pixels in real-time for image clarity.



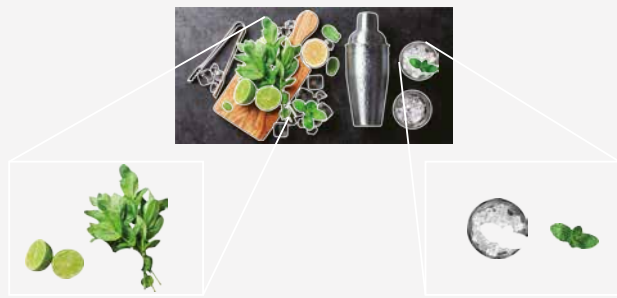
Digital Contrast Optimizer

The image contrast is optimized by analyzing each scene in advance to deliver inky blacks and superb shadow details.



Object-based Super Resolution

Hundreds of objects are identified and their resolution is individually enhanced to give a picture of exceptional accuracy and detail.



Object-based HDR Remaster

Individual objects on screen are analyzed and the contrast adjusted, to reproduce greater depth and textures, and more realistic pictures.



Specifications

		VPL-GTZ380
Display system		4K SXRD panel, projection system
Display device	Size of effective display area	0.74" x 3
	Number of pixels	26,542,080 (4096 x 2160 x 3) pixels
Projection lens	Focus	Powered
	Zoom	Powered
	Lens shift	VPLL-Z8014 (Optional) : Powered, Vertical: +/-80 %, Horizontal: +/-33 %
		VPLL-Z8008 (Optional) : Powered, Vertical: +/-50 %, Horizontal: +/-19 %
Throw ratio*1		VPLL-Z8014 (Optional) : 1.49 : 1 to 2.91 : 1
		VPLL-Z8008 (Optional) : 0.85 : 1 to 1.09 : 1
Light source		Laser diode
Recommended lamp replacement time*2		-
Light output		10,000 lm
Dynamic contrast		∞ : 1
Accepted digital signals		720 x 576/50p, 720 x 480/60p, 1280 x 720/50p, 1280 x 720/60p, 1920 x 1080/50i, 1920 x 1080/60i, 1920 x 1080/24p, 1920 x 1080/50p, 1920 x 1080/60p, 1920 x 1080/120p, 1920 x 1080/100p, 3840 x 2160/24p, 3840 x 2160/25p, 3840 x 2160/30p, 3840 x 2160/50p, 3840 x 2160/60p, 4096 x 2160/24p, 4096 x 2160/25p, 4096 x 2160/30p, 4096 x 2160/50p, 4096 x 2160/60p, WUXGA/60p, QXGA/60p, QXGA/120p, WQHD/60p, WQHD/120p, WQXGA/60p, WQXGA/120p
Input Output (Computer / Video / Control)	HDMI	x 2 (HDCP2.3)
	Display Port	x 2 (HDCP2.3)
	Trigger	x 2 (Mini jack, DC 12 V, Max. 100 mA)
	RS-232C	x 1 (D-sub 9-pin (male))
	LAN	x 1 (RJ-45, 10BASE-T/100BASE-TX)
	IR IN / OUT	IN: x 1, Out: x 1 (Mini jack)
	3D SYNC OUT	x 1 (3-pin mini-DIN (VESA 3D))
USB	x 1 (Type A, DC 5 V, Max. 500 mA)	
Picture processor		X1 Ultimate for projector
Object-based HDR remaster		Yes
Dynamic HDR Enhancer		Yes
Object-based Super Resolution		Yes
Super Resolution		-
Dual database processing		Yes
Digital Contrast Optimizer		Yes
Digital Focus Optimizer		Yes
Dynamic contrast control		Dynamic laser control
Motionflow		Yes
HDR Format		HDR10/HLG
3D		Yes
Picture position memory		5
Input lag reduction		Yes (4K/2K)
Acoustic noise*3		33-39 dB
Power requirements		AC 200-240 V, 50/60 Hz, AC 100-120 V, 50/60 Hz (Brightness is dimmed.)
		Max. 2.0 kW (TBD)
		0.4 W (when "Remote Start" is set to "Off")
Power consumption	Standby	1.0 W (LAN) (when "Remote Start" is set to "On")
	Networked Standby	
Dimensions (Without Protrusions)		W 560 x H 228 x D 760 mm (W 22 1/16 x H 8 31/32 x D 29 15/16 in)
Mass		Approx. 51 kg / 112 lb.
Supplied accessories		RM-PJ29 Remote Commander (1), Size AA (R6) Manganese Batteries (2), AC power Cord (1), Lens Cap (1), Plug holder (1), Safety Regulations (1)
Optional accessories		VPLL-Z8014 (Normal throw lens) VPLL-Z8008 (Short throw lens)

*1 Display size : 16:9

*2 The figures are expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used.

*3 Depends on the projector setting condition and usage environment.

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Errors and omissions excepted.

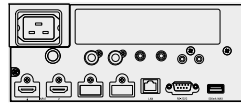
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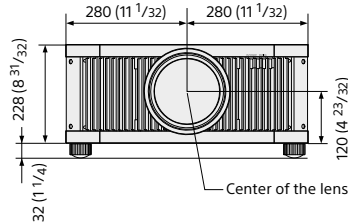


Dimensions

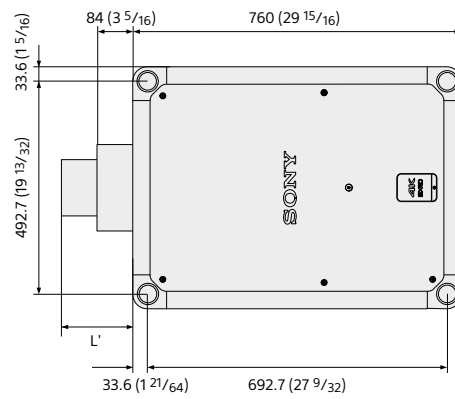
CONNECTOR PANELS



Front



Bottom



Optional Accessories



X105-RF-X1
XpanD 3D Glasses



XpanD AE125 RF PRO
3D Transmitter

Optional Lenses

Optional Lenses	VPLL-Z8008	VPLL-Z8014
Throw Ratio	0.8-1.02	1.4-2.73
F-number	2.9	2.9 (wide) - 3.2 (Tele)
Supported screen size (inch)	60-1,200	60-600
Zoom		Powered
Focus		Powered
Lens shift Range - V	+/- 50%	+/- 80%
Lens shift Range - H	+/- 18%	+/- 31%
Iris		None
Dimensions (W x H x D)	141 x 170 x 306 mm (5 9/16 x 6 11/16 x 12 1/16 in)	141 x 170 x 297 mm (5 9/16 x 6 11/16 x 11 11/16 in)
Weight (kg/lb)	4.1 kg / 9 lb	3.8 kg / 8.4 lb