



VPL-GT100

Professional 4K SXRD Projector

4K in a Compact Format for Versatile Applications

FEATURES

4K Native Resolution: More Than 4x Full HD Images

The VPL-GT100 Professional 4K SXRD™ Projector offers native 4096 x 2160 resolution, which is more than four times the resolution of Full HD. The projector's newest generation 0.74" 4K SXRD panels have been developed utilizing Sony's cumulative expertise delivering 4K display products to visualization, simulation, and the digital cinema market. Using 2x display ports, the projector is capable of displaying up to 4K/60P contents with 2000 lumens color light output.

Dynamic Contrast for High Picture Quality

The projector's 4K native SXRD panels produce outstanding native device contrast, reproducing deep blacks by improving the flatness level of the pixel surface. When combined with Sony's Advanced Iris3 technology, this projector can achieve an incredible 1,000,000:1 dynamic contrast for the incredible images.

4K in 44lbs Compact Format

With the optical engine using small format 0.74" SXRD panels and a highly integrated circuit, ultra-high resolution 4K projection is available in a 44lbs 1.5oz compact format, simplifying installation.

Richer Pictures with Wide Color Space (DCI, Adobe RGB)

The VPL-GT100 offers a wider-than-normal color space, enabling it to show the full color information provided by the professional DCI color specification and the Adobe RGB color space.

Smear Reduction

For enhanced realism of the projected imagery, Sony's Dark Frame Insertion technology reduces visible smear.

Transport Delay Reduction

Utilizing a newly developed image processing technology, The VPL-GT100 design is optimized to provide minimal transport delay.

Portrait Mode Installation Capability

Unlike some projectors, the VPL-GT100 is not limited by gravity. The VPL-GT100 can be installed in either portrait mode or landscape mode, without affecting projector lamp performance.



SPECIFICATIONS

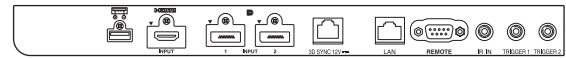
Display System		SXRD panel, projection system
Display elements	Effective display size	0.74" (18.8 mm) x 3
	Number of pixels	26,542,080 (4096 x 2160 x 3) pixels
Projection lens	Focus	Powered
	Zoom	Powered (Approx. 2.1 x)
	Lens shift	Powered, Vertical: +/- 80%, Horizontal: +/- 31%
	Throw ratio	1.27:1 to 2.73:1
Light source		High-pressure mercury lamp, 330 W type
Recommended lamp replacement time*1		2000 H / 2500 H (Lamp mode: High / Low)
Filter replacement cycle (Max.)		No filter
Screen size		60" to 300" (15.24 m to 76.24 m)
Light output		2000 lm (Lamp mode: High)*2
Color light output		2000 lm (Lamp mode: High)*2
Contrast ratio		1,000,000:1 (Dynamic Contrast)
Display resolution	Computer signal input	Maximum display resolution: 4096 x 2160 dots (2 x DisplayPort Input)
	Video signal input	480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, 1080/24p, 3840 x 2160/60p*3, 3840 x 2160/30p, 3840 x 2160/25p, 3840 x 2160/24p, 4096 x 2160/60p*3, 4096 x 2160/24p, 640 x 480/60, 800 x 600/60, 1024 x 768/60, 1280 x 960/60, 1280 x 768/60, 1280 x 1024/60, 1400 x 1050/60
OSD language		16-languages (English, Dutch, French, Italian, German, Spanish, Portuguese, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Arabic)
INPUT / OUTPUT (Computer / Video / Control)	HDMI	Digital RGB/Y Pb/Cb Pr/Cr
	DisplayPort (2 inputs)	Digital RGB/Y Pb/Cb Pr/Cr
	Trigger (2 connectors)	Mini jack, DC 12 V Max. 100 mA
	REMOTE	RS-232C, D-sub 9-pin (female)
	LAN	RJ-45, 10BASE-T/100BASE-TX
	IR IN	Mini Jack
	3D Sync	RJ-45
	USB	USB Type-A, DC 5.0 V (Max. 500 mA)
Operating temperature / Operating humidity		41 °F to 95 °F (5 °C to 35 °C) / 35% to 85% (no condensation)
Storage temperature / Storage humidity		-4 °F to +140 °F (-20 °C to +60 °C) / 10% to 90% (no condensation)
Power requirements		AC 100 V to 240 V, 4.8 A to 2.0 A, 50/60 Hz
Power consumption	AC 100 V	485 W / 415 W (Lamp mode: High / Low)
	AC 120 V	475 W / 410 W (Lamp mode: High / Low)
	AC 220 V to 240 V	460 W / 400 W (Lamp mode: High / Low)
Standby mode power consumption	AC 100 V	3.5 W / 0.3 W (Standby mode: Standard / Low)
	AC 120 V	3.6 W / 0.3 W (Standby mode: Standard / Low)
	AC 220 V to 240 V	3.8 W / 0.4 W (Standby mode: Standard / Low)
Dimensions (W x H x D) (without protrusions)		20 1/2 x 7 7/8 x 25 1/4 inches 520 x 200 x 640 mm
Weight		Approx. 44 lb 1.5 oz / 20.0 kg
Supplied accessories		Remote Control RM-PJ22 (1), Size AA (R6) manganese batteries (2), AC Power Cord for projector (1), Plug Holder (1), AC inlet cover (1), Operating Instructions (CD-ROM) (1), Quick Reference Manual (1)
Optional accessories	Replacement lamp	LMP-H330/P

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

*2 The values are estimate.

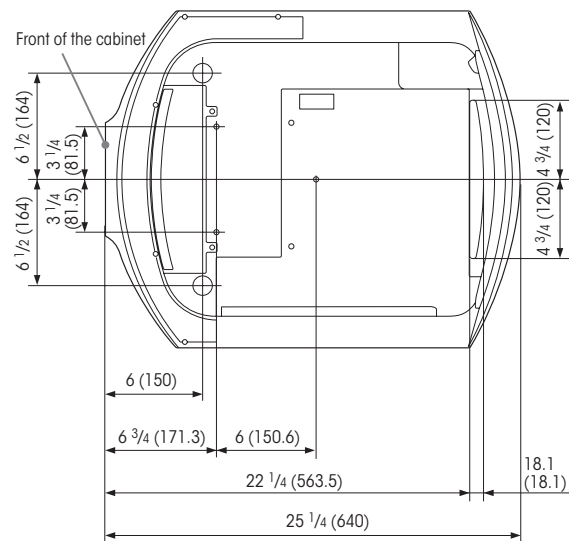
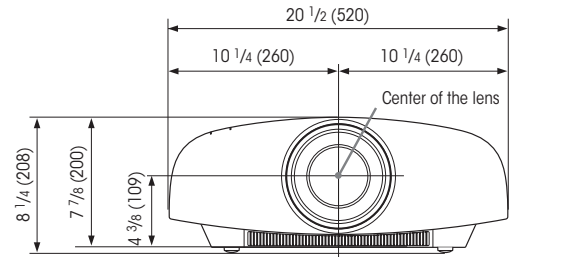
*3 It is required to input synchronized 2048 x 2160 or 1920 x 2160 signals to DisplayPort 1/2.

CONNECTOR PANEL



DIMENSIONS

Unit: inches (mm)



APPLICATIONS

Visual simulation

- Simulators
- Scientific visualization

Entertainment

- Amusement parks
- Planetariums
- Museums

Industrial design

- Digital mock-ups
- Automotive design

Other

- 3D applications
- 4K content viewing

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