SONY

VPL-GTZ240

4K SXRD® compact size laser light source projector for advanced simulation applications

Sony combines the best of its projection technologies, 4K SXRD imager and Z-Phosphor™ laser light source, to create a compact size projector with native 4K resolution, high-speed signal processing, fast motion blur reduction, and vibration resistance – all ideal for visualization, simulation, and training applications.

Key Features/Benefits

Great Image Quality

- Native 4K resolution
- Excellent color reproduction
- Super high contrast ratio
- Reality Creation 4K upscaling
- HDR compatible
- Advanced motion blur reduction

Advanced Usability

- Advanced Laser Light Source
- Long-life optics up to 20,000h
- One-way air flow
- Low noise operation
- Quick start enhances operation
- Low transport delay
- Changeable lens
- Rugged chassis with motion based operation
- Compact design

Multi Projection Usability

- Pre-adjusted brightness and color temperature for multi projection

Model		VPL-GTZ240
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*1	Focus	Powered
	Zoom	Powered (Approx. x2.15 : VPLL-Z7013) (Approx. x1.34 : VPLL-Z7008)
	Lens shift	Powered Vertical: ±80% Horizontal: ±31% (VPLL-Z7013) Vertical: ±50% Horizontal: ±18% (VPLL-Z7008)
Light Source		Laser diode
Light output		2,000 lm
Color light output		2,000 lm
Contrast ratio		16,000:1 *3 (native contrast)
Acceptable signals*3		480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, 1080/24p, 3840 x 2160/24p, 3840 x 2160/25p,3840 x 2160/30p, 3840 x 2160/50p, 3840 x2160/60p, 4096 x 2160/24p, 4096 x 2160/25p,4096 x 2160/30p, 4096 x 2160/50p, 4096 x 2160/60p
Color bit depth		Up to 12 bit
INPUT OUTPUT (Computer/Video/ Control)	HDMI1 / HDMI2*2	Digital (RGB/Y Pb/Cb Pr/Cr)
	TRIGGER	2 connectors, Mini jack, DC 12V Max.100 mA
	REMOTE	RS-232C, D-sub 9-pin (male)
	LAN	RJ45, 10BASE-T/100BASE-TX
	IR IN	Mini jack
	USB	Type A
OSD languages		18-languages (English, Dutch, French, Italian, German, Spanish, Portuguese, Turkish, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Arabic, Polish)
Acoustic noise		39 dB*3
Operating temperature / Operating humidity		41º F to 104º F (5°C to 40ºC)/20% to 80% (no condensation)
Storage temperature / Storage humidity		14ºF to 140ºF (-10ºC to 60ºC)/20% to 80% (no condensation)
Power requirements		AC 100 V to 240 V, 4.9 A to 2.2 A, 50/60Hz
Power consumption		MAX. 490 W
Standby		0.4 W (When "Remote Start" is set to "Off")
Networked Standby Mode		1.0W (LAN) (when "Remote Start" is set to "On") When a LAN terminal is not connected, it becomes a low power consumption mode (0.5 W).
Heat dissipation		1671 BTU/h
Dimensions (W x H x D)		22 1/16 x 8 25/32 x 19 17/32 inches 560 x 223 x 496 mm (without protrusions)
Weight		Approx. 43 lb / 19.5 kg (without lens)
Supplied accessories		RM-PJ29 Remote Commander (1), Size AA (R6) Manganese Batteries (2), AC Power Cord (1), Operating Instructions (CD-ROM) (1), Safety Regulations (5)

*1 The lenses are optional accessories
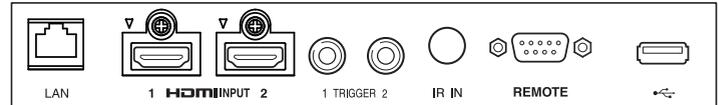*2 Both HDMI inputs are compatible with HDCP 2.2.
*3 This value is typical and it depends on the projector setting condition and usage environment
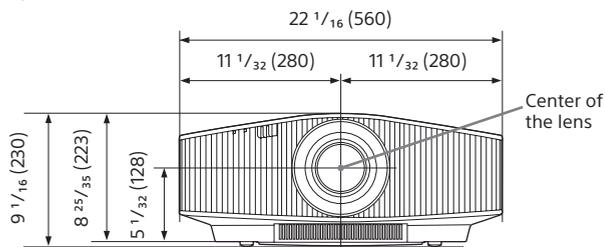
OPTIONAL LENSES

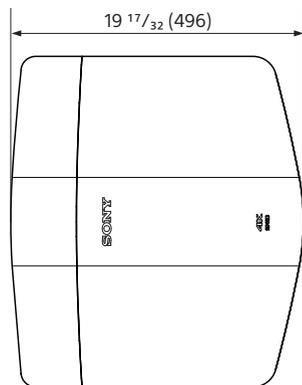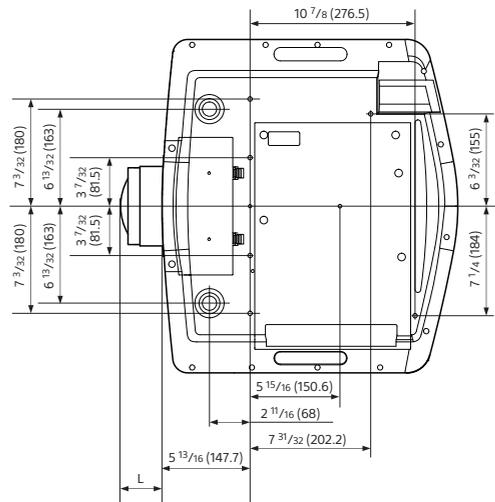| Projection lens	VPLL-Z7008	VPLL-Z7013
Throw ratio	0.80:1 to 1.02:1	1.27:1 to 2.73:1
Zoom / Focus	Powered/Powered	Powered/Powered
Lens shift	Powered, Vertical: +/- 50 %, Horizontal: +/- 18 %	Powered, Vertical: +/- 80 %, Horizontal: +/- 31 %
Aperture	f/2.9	f/2.9 to 3.9
Screen size*	60" to 1000"	60" to 300"
Dimensions	Wide W 5 9/32 x H 5 9/32 x D 12 5/32 in (W 134 x H 134 x D 309 mm) Tele W 5 9/32 x H 5 9/32 x D 11 5/32 in (W 134 x H 134 x D 283 mm)	W 5 5/32 x H 5 5/32 x D 9 29/32 in (W 131 mm x H 131 mm x D 252 mm)
Weight	8.2 lb / 3.7 kg	5.7 lb / 2.6 kg

CONNECTOR PANELS

DIMENSIONS

Front

22 $^1/_{16}$ (560)

11 $^1/_{32}$ (280)   11 $^1/_{32}$ (280)

Center of the lens

9 $^1/_{16}$ (230)

8 $^{25}/_{35}$ (223)

5 $^1/_{32}$ (128)

Top

19 $^{17}/_{32}$ (496)

Bottom

10 $^7/_8$ (276.5)

7 $^3/_{32}$ (180)
6 $^{13}/_{32}$ (163)
3 $^7/_{32}$ (81.5)

7 $^3/_{32}$ (180)
3 $^7/_{32}$ (81.5)
6 $^{13}/_{32}$ (163)

6 $^3/_{32}$ (155)

7 $^1/_4$ (184)

5 $^{15}/_{16}$ (150.6)
2 $^{11}/_{16}$ (68)
7 $^{31}/_{32}$ (202.2)

5 $^{13}/_{16}$ (147.7)

L

The distance L is between the front of the lens (center) and the front of the cabinet.

Unit: inches (mm)

Lens	L
VPLL-Z7008	Wide 2 3/4 (69.5) / Tele 1 23/32 (43.4)
VPLL-Z7013	3/8 (9.2)

LASER NOTICES
For the U.S.A.
IEC 60825-1:2007   CLASS 3R LASER PRODUCT

For other countries
IEC 60825-1:2014   CLASS 1 LASER PRODUCT

LASER RADIATION   IEC60825-1:2007
AVOID DIRECT EYE EXPOSURE
CLASS 3R LASER PRODUCT
WAVE LENGTH: 450-460nm
MAX OUTPUT < 220mW

IEC 60825-1:2014
LASER 1
1類激光產品

RG2
As with any bright light source, do not stare into the beam, RG2 IEC 62471-5:2015.

Issued in USA (01/19)