SONY

VPL-GTZ380

SXRD Projector with 10,000 lumen brightness, true 4K resolution, extreme 16,000:1 contrast and vibrant DCI-P3 color

Overview

Breathtaking images, near or far

The VP-GTZ380 faithfully displays true 4K resolution (4096 x 2160) images, with no upscaling or pixel shifting tricks often used in lesser projectors. The finest details are breathtakingly crisp and clear, even when your audience is closer to the screen in environments like corporate showrooms and lobbies.

Immersive, seamless images on any scale

Remarkably quiet and compact, the VPL-GTZ380 features a familiar four-corner mount design that's ideally suited to multi-projection installations including planetarium domes, large exhibitions, and gallery spaces. Ultra-deep black levels—just one of the hallmarks of Sony's unique SXRD technology—reduce the visibility of intrusive banding when multiple projector images are edge-blended to create a super-sized picture.

Immense color, undimmed

The VPL-GTZ380 achieves the full DCI-P3 color space that's 1.35 times wider than the sRGB 93% achieved by other projectors. An additional red laser diode dramatically expands color volume, with none of the brightness loss common to other high-end models that use a built-in color filter. The immense color accuracy of the VPLGTZ380 makes it a compelling choice for environments such as art galleries and museums.

Specifications are preliminary and subject to change

Features

Ideal for CG

Latest graphics-processing technology displays up to 4K 120 Hz RGB 4:4:4 10-bit images with just two Display Port cables.

Even more virtually real

The VPL-GTZ380 supports dual 4K 60-Hz 3D signals to accommodate today's demanding VR, industrial design, and visualization applications.

Authentic night scenes

The additional infrared laser source makes the VPL-GTZ380 ideal for pilot training and rescue-simulation applications using night-vision goggles.

Latest 4K SXRD panel

The compact, durable new-generation SXRD panel allows the VP-GTZ380 to deliver true 4K images with a spectacular 10,000-lumen brightness.

Advanced cooling

The advanced phosphor wheel design features a patented spiral fin that ducts heat away efficiently for impressively cool operation—a frequent issue with other high-

brightness projectors.

Wide color gamut
The laser light source achieves a remarkable 100% DCI-P3 color space without brightness reduction—135% wider than conventional sRGB projectors.

Optimized picture processing
As found in Sony's BRAVIA professional displays, the flagship X1 Ultimate picture processor is optimized for advanced projector applications.

Specifications

Display System

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

Light Source

Light Source	Laser phosphor

Light Output

Light Output	10,000 lm

Color Light Output

Color Light Output	10,000 lm

Contrast Ratio (Native)

Contrast Ratio (Native)	Typical 16,000 : 1*2

Accepted Digital Signals

Accepted Digital Signals	1920 x 1080/24p, 1920 x 1080/50p, 1920 x 1080/60p, 1920 x 1080/100p, 1920 x 1080/120p, WQHD/60p, WQHD/120p, QXGA/60p, QXGA/120p, WQXGA/60p, WQXGA/120p, 3840 x 2160/50p, 3840 x 2160/60p, 3840 x 2160/100p*3, 3840 x 2160/120p*3, 4096 x 2160/50p, 4096 x

	2160/60p, 4096 x 2160/100p[*3], 4096 x 2160/120p[*3]

Color Bit Depth

Color Bit Depth	Up to 12 bit via HDMI / Up to 10 bit via Display Port

INPUT OUTPUT (Computer / Video / Control)

HDMI	2 inputs (HDCP 2.3), Digital (RGB/Y Pb/CbPr/Cr)
Display Port	2 inputs (Ver. 1.4, HDCP 2.3), Digital (RGB)
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/OUT	IN:1, Out:1, Mini-jack
3D SYNC OUT	3-pin mini-DIN (VESA 3D)
USB	Type A, DC 5 V, Max. 500 mA

OSD Languages

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

Acoustic Noise	33 dB–39 dB[*2]

Operating Temperature / Operating Humidity

Operating Temperature / Operating Humidity	5 °C to 40 °C (41 °F to +104 °F)/20% to 80% (no condensation)

Storage Temperature / Storage Humidity

Storage Temperature / Storage Humidity	–10 °C to +60 °C (14 °F to +140 °F)/20% to 80% (no condensation)

Power Requirements

Power Requirements	AC 200 V to 240 V, 50/60 Hz AC 100 V to 120 V, 50/60 Hz[*4]

Power Consumption

Power Consumption	MAX. 2.0 kW

Power Consumption (Standby Mode)

Power Consumption (Standby Mode)	0.5 W

Heat Dissipation

Heat Dissipation	4092 BTU/h

Dimensions (W x H x D)

Dimensions (W x H x D)	560 x 228 x 760 mm (22.05 x 8.98 x 29.92 in) (without protrusions) 560 x 262 x 760 mm (22.05 x 10.32 x 29.92 in)

Mass

Mass	Approx. 112 lb / 51 kg (excluding lens)

Supplied Accessories

Supplied Accessories	RM-PJ29 Remote Commander (1), Size AA (R6), Manganese Batteries (2), AC Power Cord (1), Plug Holder (1), Operating Instructions (CD-ROM) (1), Safety Regulations (1)

Notes

*1	The lenses are optional accessories.
*2	This value is approximate. Depends on the projector setting condition and usage environment.
*3	Optional license, LSM-120P1, is required to accept the signal.
*4	Brightness is dimmed.

Gallery