SONY

VPL-GTZ380

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

Overview

Our premium new flagship VPL-GTZ380 is the world's most advanced projector designed for large home cinemas. Bring the real cinema experience home.

Higher brightness with a bigger screen

Enjoy the ultimate home cinema experience in any room. With an exceptional 10,000 lumens of brightness and 100% DCI-P3 wide color gamut, you can be assured of spectacular brightness and stunning realism, even in well-lit spaces such as living rooms and media rooms.

10,000-lumen brightness with DCI-P3 colour

The VPL-GTZ380 achieves a DCI-P3 wide colour gamut without sacrificing brightness with a unique 3-channel laser light source. The result is spectacular brightness and images with stunning realism even in well-lit spaces.

SXRD™ for uncompromising picture quality

Our advanced SXRD panel technology offers rich, inky blacks and clear cinematic motion and image smoothness. High heat and light resistance also ensures spectacularly high and stable brightness.

X1™ Ultimate for projector

Our X1™ Ultimate for projector technology takes our acclaimed BRAVIA TV video processing technology and optimises it for

projection. The incredible power of the video engine enables fast data processing, with real-time enhancement of each individual on-screen object. The result is true high dynamic range imagery, with texture, colour, contrast and realism never before available to home cinema.

Features

Object-based HDR Remaster
Individual objects on screen are analysed and the contrast adjusted to reproduce greater depth and texture, and more realistic pictures.

Dynamic HDR Enhancer
Our advanced scene-by-scene HDR processing achieves striking highlights whilst maintaining deep black levels.

Object-based Super Resolution
Hundreds of on-screen objects can be identified and their resolution is individually enhanced to give exceptional accuracy and detail.

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

Digital Contrast Optimiser
Each scene is analysed and the image contrast optimised in advance to deliver inky blacks and superb shadow details.

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 (Z8014：Approx. x1.95 / Z8008：Approx. x1.28)
Lens shift	VPLL-Z8014 (Optional) : Powered V ± 80%, H ± 33% *2 VPLL-Z8008 (Optional) : Powered V ± 50%, H ± 19% *2
Throw ratio	VPLL-Z8014 (Optional) : 1.49 : 1 to 2.91 : 1 *2 VPLL-Z8008 (Optional) : 0.85 : 1 to 1.09 : 1 *2

Light Source	
Light Source	Laser phosphor

Light Output	

Light Output	10,000lm

Color Light Output

Color Light Output	10,000lm

Contrast Ratio

Contrast Ratio	∞:1 (dynamic contrast)

Accepted Digital Signals

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	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

Picture processor

Picture processor	X1 Ultimate for projector

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 *3

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	AC 100 V to 120 V : 1,200 W AC 200 V to 240 V : 1,800 W

Standby	0.3 W (When "Remote Start" is set to "Off")
Networked Standby	0.5 W (LAN)(When "Remote Start" is set to "On"). When a LAN terminal is not connected, it becomes a low power consumption mode (0.4 W).

Standby Mode / Networked Standby Mode Activated

Standby Mode / Networked Standby Mode Activated	After about 10 Minutes

Heat Dissipation

Heat Dissipation	6138 BTU/h

Dimensions (W x H x D)

Dimensions (W x H x D)	560 x 228 x 760 mm (22 1/16 x 8 31/32 x 29 15/16 in) (without protrusions) 560 x 262 x 760 mm (22 1/16 x 10 5/16 x 29 15/16 in)

Mass

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

Supplied Accessories

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

Notes

*1	The lenses are optional accessories.
*2	Display size : 16:9
*3	This value is approximate. Depends on the projector setting condition and usage environment.
*4	Brightness is dimmed.
*5	Security support information for the UK (https://www.sony.co.uk/electronics/support/articles/00304000

Gallery