

## 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
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## 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 $\pm$ 80%, H $\pm$ 33% *2 VPLL-Z8008 (Optional) : Powered V $\pm$ 50%, H $\pm$ 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
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## Light Output

Light Output 10,000lm

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## Color Light Output

Color Light Output 10,000lm

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## Contrast Ratio

Contrast Ratio ∞:1 (dynamic contrast)

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## 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

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## 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
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## 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,
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Polish)

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## Acoustic Noise

Acoustic Noise                      33 dB ~ 39 dB \*3

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## Operating Temperature / Operating Humidity

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

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## Storage Temperature / Storage Humidity

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

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## Power Requirements

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

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## Power Consumption

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

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Standby	0.3 W (When "Remote Start" is set to "Off")
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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).
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## Standby Mode / Networked Standby Mode Activated

Standby Mode / Networked Standby Mode Activated	After about 10 Minutes
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## Heat Dissipation

Heat Dissipation	6138 BTU/h
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## 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)
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## 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)
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## Notes

\*1 The lenses are optional accessories.

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\*2 Display size : 16:9

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\*3 This value is approximate. Depends on the projector setting condition and usage environment.

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\*4 Brightness is dimmed.

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\*5 [Security support information for the UK](https://www.sony.co.uk/electronics/support/articles/00304000)  
(<https://www.sony.co.uk/electronics/support/articles/00304000>)

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## Gallery

