VPLXW6100B

BRAVIA Projector 8 - 4K HDR Laser Home Theater Projector with Native 4K SXRD Panel

Equipped up to a 2,700-lumen laser light source, the BRAVIA Projector 8 delivers an immersive viewing experience with Pro Cinematic HDR and strikingly clear 4K HDR images, even in well-lit spaces.[1,3] Our newly developed technologies, including the all-new Native 4K SXRD panel, deliver wide dynamic range, high resolution, and vivid colors, in a compact design that's perfect for your home.

Bullets

- Up to 2,700 lumens of brightness, generated by a long-lasting laser light source, for vibrant images even on a large screen.[3]
- Native 4K SXRD panel provides full 4K resolution with 3,840 x 2,160 resolution[1]
- XR Processor for projector brings you the best of Sony's image processing.
- Ultra-pure and reliable laser light source, which lets you enjoy perfectly clear 4K pictures at optimal brightness for up to 20,000 uninterrupted hours.[2]
- Advanced Crisp-Focused (ACF) Lens.
- See over a billion colors come to life with TRILUMINOS PRO. Our unique TRILUMINOS PRO algorithm can detect color from saturation, hue, and brightness to reproduce natural shades in every detail.
- Enjoy spectacular brightness and stunning realism, thanks to new Wide Dynamic Range Optics that achieve a 95% DCI-P3 wide color gamut and up to 2,700-lumen high brightness.[3]
- Our new Wide Dynamic Range Optics contribute to a compact design with better light control by maximizing the potential of the laser light source. The resulting higher color volume means naturally colorful images, even at high brightness levels, and stunning, immersive contrast.
- Picture Position Memory stores your settings. Lens focus, zoom, and shift settings for up to five screen formats can be stored for easy recall.

Features

Up to 2,700-lumen laser light source[3]

Immerse yourself in the action with brighter, bolder entertainment. BRAVIA Projector 8 is engineered with our newly developed Native 4K SXRD™ (Silicon X-tal Reflective Display) panel and Wide Dynamic Range Optics.

XR Dynamic Range Tone Mapping

When watching a movie, peak brightness changes frame by frame.
XR Dynamic Tone Mapping analyzes peak brightness frame by frame, and deliver optimal Tone Mapping, bringing images which are rich gradation, high brightness and brilliant colors.
It also converts SDR to HDR equivalent contrast and colors.

XR Deep Black

In addition to XR Dynamic Tone Mapping, XR Deep Black control laser dimming in dark scenes powerfully, bringing deeper blacks while maintaining tone and color expression.

XR Clear Image

XR Clear Image analyzes individual object frame-by-frame and express textures close to reality down to the finest detail while minimizing noise.

Superior Clarity for individual objects

By cross-analyzing, optimal super-resolution processing is applied to each objects in scene, and expresses textures in detail so that you can feel it real.

Everything upscaled to 4K quality[1]

Whatever the content or source, images are upscaled close to 4K.[1] It accesses a vast database to intelligently recreate lost texture and detail.

Beautiful images without noise

Noise is minimized through zone division and dynamic frame analysis.

XR Processor for projector

XR Processor for projector optimizes our acclaimed BRAVIA TV video processing for projection. The incredible power of this video engine enables advanced data processing, with real-time enhancement of each on-screen object. The result is high dynamic range imagery with texture, color, contrast and realism never before available to home cinema.

Cross-Analyzes by XR Processor for projector

Rather than processing various elements such as color, definition, and contrast individually, it analyzes them cross-sectionally to provide more natural-looking images without artificial impressions.

Depth Mapping by XR Processor for projector

BRAVIA Projector 8 utilizes Human Cognitive technology to enhance depth and texture for immersive experiences. Foreground depth is enhanced and the background adjusted so the entire image looks more real and natural.

Focal Point Recognition by XR Processor for projector

The focal point is where you tend to focus in a picture, where your eyes are naturally drawn to within the scene. It recognizes that focal point and enhance that part of the image.

XR TRILUMINOS Pro

Enjoy spectacular brightness and stunning realism, thanks to new Wide Dynamic Range Optics that achieve a 95% DCI-P3 wide color gamut.

Enduring brightness from a laser light source

You'll never have to worry about changing the lamp in your home cinema projector—no lamp replacement and virtually no maintenance are required. BRAVIA Projector 8 uses an ultra-pure and reliable laser light source, which lets you enjoy perfectly clear 4K pictures at optimal brightness for up to 20,000 uninterrupted hours.[2]

All-new Advanced Crisp-Focused (ACF) Lens

Experience flawless clarity across the entire screen, thanks to our Advanced Crisp-Focused Lens. The 70-mm aspherical front lens widens the focus area, ensuring clear images from corner to corner. A floating focus system utilizes two moving lens groups and extra-low dispersion glass for distortion-free images with accurate color reproduction.

All-new Native 4K SXRD panel

Immerse yourself in an incredibly lifelike picture with native 4K that offers 8.3 million pixels (3,840 x 2,160). With an all-new 0.61-inch SXRD panel, you'll enjoy high brightness, inky blacks, vibrant colors, rich tones and textures, plus clear cinematic motion, and image smoothness.

Wide Dynamic Range Optics

Our new Wide Dynamic Range Optics contribute to a compact design with better light control by maximizing the potential of the laser light source. The resulting higher color volume means naturally colorful images, even at high brightness levels, and stunning, immersive contrast.

Picture position Memory stores your settings

Lens focus, zoom, and shift settings for up to five screen formats can be stored for easy recall. Picture Position Memories remember these settings so you can quickly watch movies in the ideal format. Match aspect ratios, including 16:9 and Cinemascope, and store these settings in the projector.

Keystone Correction

Expands the install ability without sacrificing picture quality by keystone correction.
By using with the Lens shift function and corner keystone correction in combination, it can be installed in rooms with difficult conditions such as higher ceilings and limited depth, where previous models could not be installed.
With XR Clear Image, customer can project while maintaining as much clarity as possible.

Incredibly compact native 4K laser projector

BRAVIA Projector 8 is designed to be even smaller and lighter than its predecessors by developing the all-new native 4K SXRD panel and compact Wide Dynamic Range Optics.[1] This laser projector is about 20% smaller in volume and about 30% lighter than the VPL-VW915ES—with a new modern exterior designed to blend into any room.

4K Motionflow™

The powerful video processor in BRAVIA Projector 8 offers Motionflow for smooth and clear motion, even when viewing 4K

content.[1] Motionflow is ideal for fast-moving sports content, as it adds frames to reduce blur while maintaining brightness. Cinema purists can choose True Theatre mode to retain the original 24 fps.

Input lag reduction

Enjoy the latest games on the big screen. All our 4K projectors include input lag reduction that enables the player's input to be reflected on screen with minimal lag time. BRAVIA Projector 8 supports HDMI 2.1 features ALLM (Auto Low Latency Mode), 4K 120 Hz input with an input lag under 21 ms, and 2K 120 Hz input with an input lag under 13 ms.

Anamorphic lens compatibility for 4K signals (V-stretch for 4K)

Wide lens compatibility means you can use your legacy anamorphic lenses with ease, even with 4K content.[1] Watch your content in your favorite formats with a full-size picture, thanks to the V-stretch function.

IMAX Enhanced

Sony 4K projectors are compatible with IMAX Enhanced content, making them ready to deliver the bigger, more breathtaking IMAX visuals you love in compatible content. Take advantage of the size of your projector screen with movies that become even more immersive with IMAX Enhanced.[4]

A smart addition to your smart home

Integrate your 4K projector into your home automation and remote monitoring systems. BRAVIA Projector 8 supports Control4, Crestron, Savant and AMX, as well as OvrC and Domotz—so you can enjoy a smarter, more convenient entertainment experience.

Designed with the environment in mind

This 4K projector is full of bright ideas—not only for your home entertainment but also for a sustainable future. To reduce our footprint, we created a mercury-free design with a laser light source. We also reduced the amount of virgin plastic used in the main body by more than 20% and the packaging materials by more than 15% compared to the VPL-VW915ES.

Specification

Accessibility	
Screen Reader	Yes
Display	
Display Resolution	720x576/50p, 720x480/60p, 1280x720/50p, 1280x720/60p, 1920X1080/50i, 1920x1080/60i, 1920x1080/24p, 1920x1080/48p, 1920x1080/50p, 1920x1080/60p, 1920x1080/100p, 1920x1080/120p, 3840x2160/24p, 3840x2160/25p, 3840x2160/30p, 3840x2160/48p, 3840x2160/50p, 3840x2160/60p, 3840x2160/100p, 3840x2160/120p, 4096x2160/24p, 4096x2160/25p, 4096x2160/30p, 4096x2160/48p, 4096x2160/50p, 4096x2160/60p, 4096x2160/100p, 4096x2160/120p
Display System	4K SXRD™ panel, projection system
Light Source	Laser diode
Picture Processor	XR Processor for projector
Eco & Energy Saving	
Power Consumption (Networked Standby Mode) - Terminals	After about 10 minutes
Power Consumption (Off) [W]	0.3 W (When "Remote Start" is set to "Off")
Power Consumption (Standby Mode) [W]	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)
General Features	
Contrast Ratio	∞: 1 (Dynamic Contrast)
Effective Display Size	0.61" x 3
Effective Pixels	24,883,200 (3840 x 2160 x 3) pixels
Projection Lens Shift	Powered V ±85%, H ±36%

Throw Ratio	1.34:1 to 2.87:1* *Display size: 16:9
Hardware	
Projection Lens Zoom / Focus	Powered (Approx. x2.14) / Powered
Interface	
Input and Output Terminals	HDMI (2 INPUTS)* - Digital RGB/Y Pb/Cb Pr/Cr, IR IN - Minijack, LAN - RJ45, 10Base-T/100BASE-TX, REMOTE - RS-232C, D-sub 9-pin (male), TRIGGER - Minijack, DC 12 V Max. 100 mA, USB - Type A, DC 5 V, Max. 500 mA *Both HDMI inputs are compatible with HDMI2.1 and HDCP 2.3.
Operating Conditions	
Operating Temperature / Humidity	41 °F to 95 °F (5 °C to 35 °C) / 20% to 80% (no condensation)
Storage Temperature / Humidity	14 °F to +140 °F (-10 °C to +60 °C) / 20% to 80% (no condensation)
Power	
Acoustic Noise	26 dB* *The value depends on the environment or how the projectors are used.
Power Consumption	380 W
Power Requirements	AC 100 V to 240 V, 50/60 Hz
Size & Weight	
Dimensions (W x H x D)	18 1/8" x 8 9/32" x 20 11/32"
Weight	Approx. 31 lb (14 kg)
Video Features	
Light Output	2,700 lm
Color Light Output	2,700 lm
What's in the Box	
Supplied Accessories	AC Power Cord (1), Remote Control (RM-PJ24), Setup Guide (1), Size AA Batteries (2)

1. 3,840 x 2,160 resolution.
2. Actual performance varies based on settings, environmental conditions, and usage.
3. Lumen degradation over time based on usage.
4. IMAX Enhanced content enables full IMAX Enhanced experience with compatible streaming services such as Fandango Now (US only) and BRAVIA CORE, or compatible content device connected via HDMI input (sold sep).