

# SONY

## XBR-55A9G

### 55" class (54.6" diag.) BRAVIA OLED 4K HDR Ultra TV

Sony's latest, most inspiring OLED masterpiece, powered by Picture Processor X1 Ultimate. Sony's best processor ever works alongside Pixel Contrast Booster technology to deliver unbelievable picture quality with 4K HDR clarity. Bright, vibrant colors, absolute black, and stunning contrast come to everything you watch. Acoustic Surface Audio+ brings 2.2 channel sound right from the screen.



#### Bullets

- MASTER Series TVs are meticulously engineered for excellence with the latest and greatest in TV technology
- Millions of individual pixels are supercharged by the Pixel Contrast Booster for more vibrant colors to complement absolute OLED black.
- Everything is upscaled to get close to 4K HDR with the Picture Processor X1™ Ultimate and 4K X-Reality PRO<sup>1,2</sup>
- Pictures and sound in perfect harmony with Sony's Acoustic Surface Audio+ technology plus Dolby Atmos compatibility
- 4K HDR<sup>1</sup> - HDR10, HLG, IMAX Enhanced<sup>4</sup> and Dolby Vision™<sup>5</sup> support for incredible detail and clarity
- Enjoy smooth and vibrant colors with TRILUMINOS™ Display & 4K HDR Super Bit Mapping
- Content appears with lifelike motion with Motionflow™ XR technology and native 120Hz refresh rate
- Android™ TV with the Google Assistant gives you a genius TV with hands-free voice search<sup>6</sup>
- Enjoy studio-quality content with Netflix Calibrated Mode<sup>10</sup>
- CalMAN auto calibration mode makes high-performance screen calibration easier than ever<sup>11</sup>

#### Features

##### Masters of picture quality

Sony's MASTER Series TVs are the very best of Sony, created to exemplify the goal of faithfully conveying the creator's intent on-screen. These TVs are engineering marvels that are meticulously designed with the latest and greatest proprietary TV technology. The MASTER Series TVs deliver Sony's best picture quality, no matter what you like to watch.

##### Absolute black, vibrant colors

The best of Sony has arrived. The MASTER Series A9G BRAVIA OLED TV features a masterful display that impresses with truly exceptional black, shadow and color. Over 8 million self-illuminating pixels are precisely and individually controlled by the 4K HDR Picture Processor X1™ Ultimate and supercharged via the Pixel Contrast Booster to reveal bright, vivid colors and brilliantly refined detail which creates a picture with striking realism. With such impressive picture quality, it's clear why this TV is among the best of Sony.

##### Intelligent processing, ultimate realism.

Simply put, our proprietary 4K HDR Picture Processor X1™ Ultimate is our best processor, ever. Object-based rendering happens in real time at lightning speed to remaster and upscale everything you see to near-4K HDR quality.<sup>1,2</sup> Everything on the screen is identified, analyzed and optimized individually to adjust the overall contrast, sharpness and color for a picture that looks nearly identical to the real thing.

##### Experience a more natural picture with 4K X-Reality PRO & Object-Based Super Resolution

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Every object, accurately displayed. With Object-Based Super Resolution in combination with 4K X-Reality PRO™, you'll see lifelike detail, textures, and clarity in everything you watch. Leveraging intelligent dual database processing, pictures look cleaner with less on-screen noise. Every single pixel is enhanced beautifully by Sony's best 4K HDR Picture Processor X1™ Ultimate and Pixel Contrast Booster.<sup>1,2</sup>

## **See the big picture with 4K HDR, IMAX Enhanced and Dolby Vision**

High Dynamic Range (HDR) picture is the way TV was always meant to be watched. 4K Ultra HD resolution and HDR video content combine to bring dazzling detail, color and contrast to everything you watch, while keeping a far wider range of brightness than other video formats.<sup>1</sup> IMAX Enhanced™<sup>4</sup> makes movies feel larger than life. Dolby Vision™<sup>5</sup> brings scenes to life with striking highlights, deeper darks and vibrant colors. Whichever format you choose, Sony TVs deliver picture-perfect reality, creating an immersive and engaging cinematic experience.

## **Dolby Atmos compatible sound from the entire screen**

Acoustic Surface Audio+ improves on our innovative sound from picture technology with 2.2 channel Dolby Atmos compatible sound. Unlike most TV speakers, sound comes to you from the entire screen, immersing you in exciting new entertainment experiences. It's picture and sound in perfect harmony.

## **TRILUMINOS™ Display & 4K HDR Super Bit Mapping deliver smooth and vibrant colors**

Colors are as rich and vivid as nature's own thanks to the TRILUMINOS™ Display with more shades of red, green and blue than ever before. You'll enjoy rich, authentic images that evoke the emotion in every scene. And, 4K HDR Super Bit Mapping reveals thousands of shades and gradations of light, for sunsets as bright and clear as real life.

## **Motionflow XR™ keeps the action smooth**

TV that keeps up with real life. Sony's refresh rate technology enhances the OLED's unique panel speed to allow fast moving action sequences in sports and movies to be seen with lifelike clarity.

## **Hands-free smart TV**

With Android TV and the Google Assistant built-in, simply ask and you shall receive. With hands-free voice search, just start with "Hey Google" to ask it questions, control smart home devices like Nest™, or access many of the apps and services you already use every day.<sup>6</sup> In addition, cast your favorite apps with Chromecast built-in<sup>7</sup>, or enjoy a huge range of apps from Google Play™, including YouTube™, Netflix, Prime Video, Hulu, Spotify and more.<sup>6</sup>

## **Well-connected to your smart home**

With Google Home<sup>9</sup> and Amazon Alexa<sup>10</sup> compatibility, simply voice-control your TV and ask it to do things like cast and control videos from YouTube with Google Home or change the channel or volume with Amazon Alexa. Apple HomeKit and Airplay 2 support seamlessly integrate your iPhone and Siri devices with your Sony TV for effortless smart home management and content streaming.<sup>12</sup>

## **Enjoy studio quality Netflix content with Netflix Calibrated Mode**

This mode was specially developed to enjoy Netflix originals and reproduce picture quality on a TV that is as brilliant as a studio evaluation master. With Netflix Calibrated Mode, the creator's vision and intent is faithfully preserved.<sup>10</sup>

## **High performance calibration for professionals**

Our MASTER Series TVs receive high performance calibration that has never previously been possible using CalMAN software<sup>11</sup>. It allows adjustments to be made with finer precision than conventional picture quality settings to meet the strict requirements of creators in the post-production stage. Colors are reproduced with maximum fidelity to the original TV signal, giving exceptional picture control for a TV. CalMAN also features an easy-to-use interface that has been well received by calibration specialists.

## **Elegantly designed - thinner and closer to the wall than ever before**

A design that's a work of art. The new, refined one slate design is curated to look beautiful wherever the TV may rest. Thinner than ever and easily wall-mountable, the A9G mounts closer to the wall than its predecessors. The TV has no visible speakers, and unsightly wires are managed through the stand, leaving nothing but elegance from all angles. It's beauty in simplicity of design.

## **Great picture from any angle**

Thanks to the OLED display's unique panel characteristics, picture looks great from anywhere you're watching. Content looks amazing whether you're directly in front of the TV, or off to one side or the other.

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## Specifications

<b>Audio</b>					
Audio Power Output	20W+ 20W+ 10W+ 10W				
Bass/Treble/Balance	Balance				
Speaker Configuration	2.2ch/Actuator (31 x 45 mm)x 2, Subwoofer (70mm) x 2				
Speaker Position	Front				
Speaker Type	Acoustic Surface Audio+				
<b>Audio Features</b>					
Advanced Auto Volume	Yes				
Alternate Audio (Digital)	Yes				
ARC Output Format	Two channel linear PCM: 48 kHz 16 bits, Dolby Digital, Dolby Digital Plus, DTS				
Auto Surround	Yes				
Clear Phase	Yes				
Dolby audio format support	Dolby Audio(Dolby Digital, Dolby Digital Plus, Dolby AC-4)				
DTS audio format support	DTS Digital Surround				
HDMI Audio Return Channel(ARC)	Yes (eARC)				
HDMI input Audio format	5.1 channel linear PCM:				
Simulated Surround Sound	S-Force Front Surround				
S-Master	S-Master Digital Amplifier				
Sound Modes	Standard, Dialog, Cinema, Music, Sports, Dolby Audio				
<b>Convenience Features</b>					
Application Store	Yes (Google Play Store)				
Auto Picture Mode	Yes				
Auto Shut-off	Yes				
Channel Block (with password)	Yes (Analog&Digital)				
Chromecast built-in	Yes				
HDMI-CEC	Yes				
i-Manual	Yes				
On/Off Timer	Yes				
On-Screen Clock	Yes				
Parental Control	Yes				
Scene Select	Yes				
Show/Hide Channels	Yes (Digital&Analog)				
Sleep Timer	Yes				
Text Input Language	ENG / FRA / GER / HEB / ITA / RUS / SPA / VIE / JPN				
USB drive format support	Yes (Supported File System: FAT16/FAT32/exFAT/NTFS)				
		MPEG1 :MPEG1 / MPEG2PS :MPEG2 / MPEG2TS (HDV,AVCHD): MPEG2, AVC/ MP4 (XAVCS) :AVC, MPEG4, HEVC/ AVI: Xvid, MotionJpeg/ ASF(WMV): VC1/ MOV: AVC, MPEG4, MotionJpeg /MKV: Xvid, AVC, MPEG4, VP8, HEVC/ WEBM :VP8/ 3GPP: MPEG4, AVC/ MP3/ ASF(WMA) /WAV / MP4AAC /FLAC/JPEG WEBM:VP9 /AC4/ogg/ AAC/ARW(Screen nail only)			
USB playback codecs					
		Yes*			
Voice Search		*Hands Free feature(Built-in Mic) availability depends on language and may need software update. Please check Sony support page for further information; <a href="https://www.sony.net/tv-hf-ww/">https://www.sony.net/tv-hf-ww/</a>			
<b>Customizing Capability</b>					
RS-232C Control	Yes				
<b>Design Features</b>					
Cable Management	Yes				
Frame color	Black				
Illumination LED	Yes				
Stand Design	Dark Silver				
<b>Display Features</b>					
Display type	OLED				
TRILUMINOS Display	Yes				
<b>Display</b>					
Aspect Ratio	16:09				
Display Resolution	QFHD				
Display resolution (H x V, pixels)	3840x2160				
Screen Size (cm, measured diagonally)	138.8 cm				
Screen Size (inch, measured diagonally)	55" (54.6")				
Viewing Angle (Right/Left)	178 (89/89) degree				
Viewing Angle (Up/Down)	178 (89/89) degree				
<b>Energy Saving &amp; Efficiency</b>					
Dynamic Backlight Control	Yes				
Power Saving Modes	Yes				
<b>General Features</b>					
Closed Captions (CC)	Analog Digital				
				Hotel Mode Menu	Yes
<b>Inputs and Outputs</b>					
4K 60P High-Quality formats	HDMI IN1, IN2, IN3, IN4 ports for 4K(up to 6Gbps) signal				
AC Power Input	1 (Rear)				
Analog Audio Input(s) (Total)	1 (1Side Analog Conversion)				
Bluetooth profile support	Version 4.2 HID/HOGP/SPP/A2DP/AVRCP				
Composite Video Input(s)	1 (Side)				
Digital Audio Output(s)	1 (Bottom)				
Ethernet Connection(s)	1(Bottom)				
HDCP	HDCP2.3(for HDMI1/2/3/4)				
HDMI inputs total	4(1Side,3Bottom)				
	640 x 480 @31.5kHz, 60Hz 800 x 600 @37.9kHz,60Hz 1024 x 768 @48.4kHz,60Hz 1280 x 1024 @64.0kHz,60Hz				
HDMI PC Input Format	1152 x 864 @67.5kHz,75Hz 1600 x 900 55.9kHz,60Hz 1680 x 1050 @65.3kHz,60Hz 1920 x 1080 @67.5kHz,60Hz				
	4096x2160p (24,60Hz), 3840x2160p (24,30,60Hz), 1080p (30,60,120Hz), 1080/24p, 1080i (60Hz), 720p (30,60Hz), 720/24p, 480p				
HDMI Signal					
Headphone Output(s)	1 (Side)				
RF Connection Input(s)	1 (Bottom) (Terrestrial/Cable)				
RS-232C Input(s)	1(Side)				
USB Port(s)	2 (Side) / 1 (Bottom)				
<b>Network Features</b>					
Codec for Home Network	MPEG1: MPEG1 / MPEG2PS: MPEG2 / MPEG2TS (HDV,AVCHD): MPEG2, AVC / MP4(XAVC S): AVC, MPEG4, HEVC / AVI: Xvid, MotionJpeg / ASF (WMV): VC1 / MOV: AVC, MPEG4, MotionJpeg /				
Home Network Feature	Home Network Client, Home Network Renderer				
Internet Browser	Vewd (Not pre-installed)				
Other Network Features	Related Info: Yes (US / Canada / MX(STB))				
Screen mirroring(Miracast™)	Yes (only for B2B purpose)				
Wi-Fi Certified	Yes				

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Wi-Fi Direct	Yes
Wi-Fi Frequency	2.4GHz/5GHz
Wi-Fi Standard	a/b/g/n/ac
Wireless LAN	Integrated

## Power

Annual Power Consumption	233 kWh/Year
Power Consumption (in Operation)	373W
Power Consumption (in Standby)	0.5W
Power Requirements (frequency)	60Hz for UL cUL 50/60Hz for other
Power Requirements (voltage)	AC 120V for UL cUL AC 110-240V for other

## Regulation and Standards Compliance

VESA® Hole Pitch	11 7/8 x 11 7/8 inch (300x300 mm)
VESA® Hole Spacing Compatible	Yes

## Sensing Features

LightSensor™ Technology	Yes
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## TV System

Channel Coverage (Analog)	VHF: 2-13/UHF: 14-69/ CATV: 1-135
Color Space	sRGB/
Color System	NTSC
Number of Tuners (Terrestrial/Cable)	1(Digital/Analog)
On-board Storage (GB)	16GB
OS	Android 8.0 Oreo
Tuner Channel Coverage (Digital Cable)	CATV: 1-135
Tuner Channel Coverage (Digital Terrestrial)	VHF: 2-13/UHF: 14-69
TV System (Analog)	M
TV System (Digital Cable)	Clear QAM
TV System (Digital Terrestrial)	ATSC

## Video Features

24p True Cinema	Yes
4:3 Default	Yes
4K Processor	Picture Processor X1 Ultimate
Auto Wide	Yes
Blinking Type	Frame Blinking
Dual database processing	Yes
Dynamic Contrast Enhancer	Yes

Face Area Detection	Yes
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HDR (High Dynamic Range) compatibility	Yes(HDR10, HLG, Dolby Vision)
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Live Color™ Technology	Yes
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Motionflow™ XR Technology	Motionflow XR, Auto mode
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Object-based HDR remaster	Yes
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Panel Refresh Rate (Native Hertz)	120Hz
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Picture Modes	Vivid, Standard, Cinema, Game, Graphics, Photo, Custom, Dolby Vision Bright, Dolby Vision Dark, Netflix calibrated
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Precision Color Mapping	Yes
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Super Bit Mapping™ 4K HDR	Yes
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Video Processing	4K X-Reality PRO
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Wide Mode	Wide Zoom/Normal/Full/Zoom Normal/Full1/Full2 for PC
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CineMotion/Film Mode/Cinema Drive	Yes
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## Weights and Measurements

Dimensions (Approx.)	TV without Stand: 48 3/8 x 28 x 1 5/8(1/4) inch (1226x710x40(6.2) mm) TV with Stand: 48 3/8 x 28 1/8 x 10 1/8 inch (1226x714x255 mm) AC Cable Length: 2000m Stand Width: 18 5/8 inch (470 mm)
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Packaging (Approx.)	53 3/8 x 32 7/8 x 7 1/8 inch (1354 x 832 x 180 mm) Weight: 68.3lb. (31 kg)
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Weight (Approx.)	TV without Stand: 41.2 lb (18.7 Kg) TV with Stand: 49.2 lb (22.3 Kg)
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## Accessories

Supplied Accessories	Voice Remote Control (RMF-TX600U) Batteries (LR03) AC Power Cord Spec (C17 Connector, US, 2pin, Polarity, flat blades Polarity) Operating Instructions (US,FR) Quick Setup Guide / Supplement CUE (GA) (US,FR,ES,PT) Table Top Stand (Separate, assembly required))
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1. 3,840 x 2,160 pixels. Requires HDR compatible content from supported streaming services, such as Netflix and Amazon Video or HDR compatible content device connected via HDMI input. Requires HDMI® cables sold separately
2. Upscaled, simulated and enhanced 4K images will vary based on source content.
3. This is the perceptible contrast level expanded by X-tended Dynamic Range PRO technology, which is a unique figure calculated for the contrast that users actually feel and experience (XDR Contrast). This figure is based on our conventional TV without local dimming.
4. IMAX Enhanced content enables the full IMAX Enhanced experience.
5. Dolby Vision™ is available via network update. Dolby Vision content will be compatible with Dolby Vision devices and streaming services such as Prime Video, Apple TV 4K, and Netflix.
6. User must connect to a Google account to use, including voice to activate linked apps. Wireless connectivity requires 802.11 home network (802.11n recommended). Network services, content, and the operating system and software of this product may be subject to separate or third party terms and conditions and changed, interrupted or discontinued at any time and may require fees, registration and credit card information. Apps must be compatible with TV. App availability varies by region and device. Broadband speed of at least 2.5 Mbps recommended for SD services, 10 Mbps for HD streaming or 4K downloads, 20 Mbps for 4K Ultra HD streaming. Use of this TV requires consent to Google Terms of Service and Privacy Policy. Please visit <http://www.google.com/policies/terms/>, <http://www.google.com/policies/privacy/>.
7. Chromecast built-in compatibility dependent on app.
8. Google Home device (sold separately) compatible with Sony TV's powered by Android TV. Requires compatible devices connected to the same wireless home network. Download the Google Home app from the iPhone App Store or Google Play. Subject to third party app terms and conditions. User must link compatible devices in order to control operation. Once download is complete, the Google Home feature may be connected to the Sony device to access the voice control function
9. Amazon Alexa enabled devices (sold separately) compatible with Sony TV's powered by Android TV. Amazon account required. Subscriptions may be required to access certain content. Compatible devices require internet connection.
10. Netflix streaming membership required. 4K Ultra HD availability subject to your Netflix subscription plan, internet service, device capabilities, and content availability. [www.netflix.com/termsofuse](http://www.netflix.com/termsofuse)
11. Requires separately sold CalMAN calibration software to be installed on your PC, a pattern generator, a meter (colorimeter, spectrophotometer etc.), and CalMAN for BRAVIA app to be downloaded from Google Play and installed on your TV. Internet needed to utilize app services on TV. Network services, content, and software of this product may be subject to separate terms and conditions and changed, interrupted or discontinued at any time and may require fees, registration and credit card information.
12. AirPlay 2 and HomeKit compatibility will be available later this year. This Sony TV is compatible with AirPlay 2 and HomeKit. iOS 12.2 or later or macOS 10.14.4 or later is required.

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