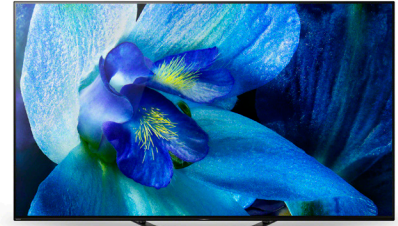# SONY

XBR-55A8G

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

8 million individual pixels. One amazingly sharp, incredibly real image. Sony's new A8G OLED TV utilizes the Picture Processor X1™ Extreme and 4K X-Reality PRO technology to transform your content. Experience how the absolute black of OLED combines with 4K HDR clarity and the vibrant colors of the TRILUMINOS display to display a dazzling picture.

Bullets

- OLED TV – Over 8 million self-illuminating pixels for exquisite contrast, deep black and vibrant color
- Everything you watch looks like 4K HDR with the X1™ Extreme processor and 4K X-Reality PRO[1,2]
- 4K HDR[1] - HDR10, HLG, IMAX Enhanced[4] and Dolby Vision™[5] support for incredible detail and clarity
- Pictures and sound in perfect harmony with Sony's Acoustic Surface technology
- Enjoy smooth and vibrant colors with TRILUMINOS™ Display & 4K HDR Super Bit Mapping
- Innovative TV design with reversible two-way stand and super-close wall mounting
- Content appears with lifelike motion with Motionflow™ XR technology and native 120Hz refresh rate
- Android™ TV with the Google Assistant built in gives you a genius TV[6]
- Compatible with Google Home[8], Amazon Alexa[9], and Apple® HomeKit™[1] for an even smarter home

Features

Exquisite contrast, deep black and vibrant color

Sony's OLED TV is like nothing you've ever seen before with truly exceptional black, shadow and color. Over 8 million self-illuminating pixels are precisely and individually controlled by the X1™ Extreme processor creating exquisite, unprecedented contrast. This level of supreme contrast reveals detail, depth, textures and colors for a view that is stunningly real.

Experience a more natural picture with 4K X-Reality PRO

The difference is clear. You'll see lifelike detail and stunning clarity, no matter what you're watching. Two powerful image improvement databases work together, dynamically improving images in real time. 4K X-Reality PRO™ upscales images to near 4K clarity while a second database cleans the picture and reduce on-screen noise.[1,2] Every single pixel is enhanced beautifully by the powerful 4K HDR Processor X1™ Extreme.

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.[1] IMAX Enhanced™[4] makes movies feel larger than life. Dolby Vision™[5] 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.

A revolution in TV sound

Innovative Acoustic Surface technology brings a unique, enhanced viewing experience. 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.

SONY

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.

A design of sophistication

A design that's a work of art. The all-new one slate design looks beautiful wherever the TV may rest. Wall mount the TV using the optional ultra-slim mount, or use the innovative two-way reversible TV stand to either set the TV in a standard position, or raise the TV to fit a soundbar seamlessly underneath the screen. The speakers are hidden away from view, and unsightly wires are managed through the stand, leaving nothing but elegance from all angles. It's beauty in simplicity of design.

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.

A genius TV, a smarter home

Android TVs by Sony now have the Google Assistant built-in, making your life easier,. Ask it to play your favorite movie, check the score of your favorite team, and control your TV and even your home. It's your own personal Google, always ready to help.

Well-connected to your smart home

With Google Home and Amazon Alexa 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 compatibility seamlessly integrates your iPhone, iPad and Mac with your Sony TV for effortless smart home management and content streaming.[1]

Specifications

Audio	
Audio Power Output	10W+10W+10W+10W
Bass/Treble/Balance	Balance
DSEE/DSEE-HX	DSEE
Speaker Configuration	2.2ch/Actuator (29 x42 mm)x 2, Woofer (38 x 85 mm)x2
Speaker Position	Front + Down Firing
Speaker Type	Acoustic Surface Audio

Audio Features	
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
Audio Out	Fixed/Variable
Auto Surround	Yes
Clear Audio+	Yes
Clear Phase	Yes
Digital audio out (Optical) format	Two channel linear PCM: 48 kHz 16 bits,Dolby Digital,DTS

Dolby audio format support	Dolby Audio(Dolby Digital, Dolby Digital Plus)
DTS audio format support	DTS Digital Surround
HDMI Audio Return Channel(ARC)	Yes (ARC)
HDMI input Audio format	5.1 channel linear PCM:
Headphone/Speaker Link	Yes
Simulated Surround Sound	S-Force Front Surround
S-Master	S-Master Digital Amplifier
Sound Modes	Standard,Dialog,Cinema,Music,Sports

Convenience Features	
Application Store	Yes(Google Play Store)
Auto Picture Mode	Yes
Auto Shut-off	Yes
Channel Block (with password)	Analog & Digital
Chromecast built-in	Yes
HDMI-CEC	Yes
i-Manual	Yes
On/Off Timer	Yes

On-Screen Clock	Yes
Parental Control	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)
USB playback codecs	MPEG1: MPEG1/ MPEG2PS: MPEG2 / MPEG2TS (HDV,AVCHD): MPEG2, AVC/ MP4 (XAVC S): AVC, MPEG4, HEVC/ AVI:Xvid, MotinJpeg/ 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

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Voice Search	Yes* *Hands Free feature(Built-in Mic) availability depends on language and may need software update. Please check Sony support page for further information; https://www.sony.net/tv-hf-ww/	Digital Audio Output(s)	1 (Bottom)	Power Consumption (in Standby)	0.5W
		Ethernet Connection(s)	1(Bottom)	Power Requirements (frequency)	60Hz for UL cUL 50/60Hz for other
		HDCP	HDCP2.3(for HDMI1/2/3/4)	Power Requirements (voltage)	AC 120V for UL cUL AC 110-240V for other
		HDMI inputs total	4(1Side,3Bottom)		

Customizing Capability
RS-232C Control	Yes

Design Features
Cable Management	Yes
Frame color	Black
Illumination LED	Yes
Stand Design	Matt Black

Display Features
Display type	OLED
TRILUMINOS Display	Yes

Display
Aspect Ratio	16:9
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

Energy Saving & Efficiency
Dynamic Backlight Control	Yes
Power Saving Modes	Yes

General Features
Closed Captions (CC)	Analog Digital
Demo Mode	Yes (only pre-installed 4k demo video)
Hotel Mode Menu	Yes

Inputs and Outputs
4K 60P High-Quality formats	HDMI IN2, IN3 ports for 4K(up to 6Gbps) signal.
AC Power Input	1 (Rear)
Analog Audio Input(s) (Total)	1 (1Side Analog Conversion)
Audio / Headphone Output(s)	1 (Side)
Bluetooth profile support	Version 4.1 HID/HOGP/SPP/A2DP/AVRCP
Composite Video Input(s)	1 (Side)

HDMI PC Input Format
HDMI PC Input Format	640 x 480 @31.5kHz, 60Hz 800 x 600 @37.9kHz,60Hz 1024 x 768 @48.4kHz,60Hz 1280 x 1024 @64.0kHz,60Hz 1152 x 864 @67.5kHz,75Hz 1600 x 900 @55.9kHz,60Hz 1680 x 1050 @65.3kHz,60Hz 1920 x 1080 @67.5kHz,60Hz
HDMI Signal	4096x2160p (24,60Hz), 3840x2160p (24,30,60Hz), 1080p (30,60Hz), 1080/24p, 1080i (60Hz), 720p (30,60Hz), 720/24p, 480p, 480i
Headphone Output(s)	1 (Side)
RF Connection Input(s)	1(Bottom)
RS-232C Input(s)	1(Side)
Subwoofer Out	1 (Side / Hybrid with Headphone Out)
USB Port(s)	2 (Side) / 1 (Bottom)

Network Features
Codec for Home Network	MPEG1: MPEG1/ MPEG2PS: MPEG2/ MPEG2TS (HDV, AVCHD): MPEG2,AVC /MP4(XAVCS): AVC, MPEG4, HEVC/ AVI: Xvid, MotinJpeg/ ASF (WMV): VC1/ MOV: AVC, MPEG4, MotionJpeg/ MKV:Xvid, AVC, MPEG4, VP8. HEVC/ WEBM: VP8/ 3GPP: MPEG4, AVC/ MP3 /ASF (WMA)/LPCM /WAV/ MP4AAC /FLAC/ JPEG
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
Wi-Fi Certified	Yes
Wi-Fi Direct	Yes
Wi-Fi Standard	a/b/g/n/ac
Wireless LAN	Integrated

Power
Annual Power Consumption	247 kWh/Year
Power Consumption (in Operation)	355W

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

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 7.0 Nougat
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	4K HDR Processor X1 Extreme
Auto Wide	Yes
Blinking Type	Frame Blinking
Dual database processing	Yes
Dynamic Contrast Enhancer	Yes
Face Area Detection	Yes
HDR (High Dynamic Range) compatiblity	Yes(HDR10, HLG, Dolby Vision)
Live Color™ Technology	Yes
Mastered in 4K	Yes
Motionflow™ XR Technology	Motionflow XR
Object-based HDR remaster	Yes

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Panel Refresh Rate (Native Hertz)	120Hz
Picture Modes	Vivid, Standard, Custom, Cinema Pro, Cinema Home, Sports, Animation, Photo-Vivid ,Photo-Standard, Photo-Custom, Game, Graphics, Dolby Vision
Precision Color Mapping	Yes
Super Bit Mapping™ 4K HDR	Yes
Video Processing	4K X-Reality PRO
Wide Mode	Wide Zoom/Normal/Full/Zoom Normal/Full1/Full2 for PC

Weights and Measurements

Dimensions (Approx.)	TV without stand: 48 1/2 x 28 x 2 1/8(9/32) inch (1229 x 710 x 51 (6.4) mm) TV with stand: 48 1/2(48 1/2) x 28 3/4(30 3/4) x 11 1/2(11 1/2) inch (1229 (1229) x 730 (780) x 290 (290) mm) Stand Width: 25 7/8 inch (657 mm) AC Cable Length: 1500 mm
Packaging (Approx.)	55 5/8 x 33 x 7 3/8 inch (1411 x 836 x 185 mm) Weight of Package carton: 59.5lb.(27 kg)
Weight (Approx.)	TV without stand: 38.8 lb (17.6 kg) TV with stand: 43.7 lb (19.8 kg)

Accessories

Supplied Accessories	Voice Remote Control (RMF-TX310U) Batteries (LR03) AC Power Cord Spec (Pig-tail75mm, US, 2pin, flat blades Polarity) IR Blaster (1-849-161-12) Operating Instructions (US,FR) Quick Setup Guide / Supplement CUE (GA) (US,FR,ES,PT) Table Top Stand (Separate(assembly required))

Optional Accessories

Optional Accessories	Wallmount Bracket (SU-WL855)

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.

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