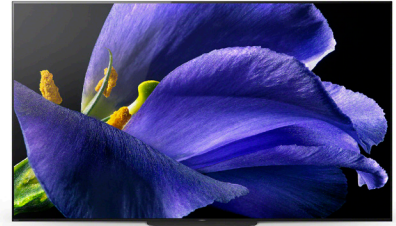


SONY

XBR-77A9G

77" class (76.7" 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^{1,2}
- Pictures and sound in perfect harmony with Sony's Acoustic Surface Audio+ technology plus Dolby Atmos compatibility
- 4K HDR¹ - HDR10, HLG, IMAX Enhanced⁴ and Dolby Vision™⁵ 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 search⁶
- Enjoy studio-quality content with Netflix Calibrated Mode¹⁰
- CalMAN auto calibration mode makes high-performance screen calibration easier than ever¹¹

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.^{1,2} 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.^{1,2}

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.

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.⁶ In addition, cast your favorite apps with Chromecast built-in⁷, or enjoy a huge range of apps from Google Play™, including YouTube™, Netflix, Prime Video, Hulu, Spotify and more.⁶

Well-connected to your smart home

With Google Home⁹ and Amazon Alexa¹⁰ 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.¹²

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.¹⁰

High performance calibration for professionals

Our MASTER Series TVs receive high performance calibration that has never previously been possible using CalMAN software¹¹. 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.

Specifications

Audio

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+
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
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
Convenience Features	
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)

USB playback codecs	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)
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/
Customizing Capability	
RS-232C Control	Yes
Design Features	
Cable Management	Yes
Frame color	Black
Illumination LED	Yes
Stand Design	Dark Silver
Display Features	
Display type	OLED
TRILUMINOS Display	Yes
Display	
Aspect Ratio	16:09
Display Resolution	QFHD
Display resolution (H x V, pixels)	3840x2160
Screen Size (cm, measured diagonally)	194.7 cm
Screen Size (inch, measured diagonally)	77" (76.7")
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
Hotel Mode Menu	Yes
Inputs and Outputs	

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)
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 (30,60,120Hz), 1080/24p, 1080i (60Hz), 720p (30,60Hz), 720/24p, 480p
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)
Network Features	
Codec for Home Network	MPEG1: MPEG1/ MPEG2PS: MPEG2/ MPEG2TS (HDV,AVCHD); MPEG2, AVC/ MP4(XAVCS): 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
Wi-Fi Direct	Yes
Wi-Fi Frequency	2.4GHz/5GHz
Wi-Fi Standard	a/b/g/n/ac
Wireless LAN	Integrated

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Power		Motionflow™ XR Technology	Motionflow XR, Auto mode
Annual Power Consumption	338 kWh/Year	Object-based HDR remaster	Yes
Power Consumption (in Operation)	653W	Panel Refresh Rate (Native Hertz)	120Hz
Power Consumption (in Standby)	0.5W	Picture Modes	Vivid, Standard, Cinema, Game, Graphics, Photo, Custom, Dolby Vision Bright, Dolby Vision Dark, Netflix calibrated
Power Requirements (frequency)	60Hz for UL cUL 50/60Hz for other	Precision Color Mapping	Yes
Power Requirements (voltage)	AC 120V for UL cUL AC 110-240V for other	Super Bit Mapping™ 4K HDR	Yes
Regulation and Standards Compliance		Video Processing	4K X-Reality PRO
VESA® Hole Pitch	11 7/8 x 11 7/8 inch (300x300 mm)	Wide Mode	Wide Zoom/Normal/Full/Zoom Normal/Full1/Full2 for PC
VESA® Hole Spacing Compatible	Yes	CineMotion/Film Mode/Cinema Drive	Yes
Sensing Features		Weights and Measurements	
LightSensor™ Technology	Yes	Dimensions (Approx.)	TV without Stand: 67 7/8 x 39 1/4 x 1 15/16(9/32) inch (1721x996x49(6.9) mm) TV with Stand: 67 7/8 x 39 1/2 x 12 inch (1721x1001x302 mm) AC Cable Length: 2000m Stand Width: 19 3/4 inch (500 mm)
TV System		Packaging (Approx.)	72 7/8 x 44 1/4 x 8 1/8 inch (1849 x 1123 x 205 mm) Weight: 116.8lb. (53 kg)
Channel Coverage (Analog)	VHF: 2-13/UHF: 14-69/ CATV: 1-135	Weight (Approx.)	TV without Stand: 77.8 lb (35.3 Kg) TV with Stand: 87.5 lb (39.7 Kg)
Color Space	sRGB/	Accessories	
Color System	NTSC	Voice Remote Control (RMF-TX600U) Batteries (LR03) AC Power Cord Spec (C17 Connector, US, 2pin, Polarity, flat blades Polarity)	
Number of Tuners (Terrestrial/Cable)	1(Digital/Analog)	Supplied Accessories Operating Instructions (US,FR) Quick Setup Guide / Supplement CUE (GA) (US,FR,ES,PT) Table Top Stand (Separate, assembly required))	
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		
HDR (High Dynamic Range) compatibility	Yes(HDR10, HLG, Dolby Vision)		
Live Color™ Technology	Yes		

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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
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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