

SONY

XBR-55A9F

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

Mastery of picture quality is achieved through peerless performance. The Picture Processor X1™ Ultimate and Pixel Contrast Booster technology work together for an unprecedented union of bright, vibrant colors, absolute black, and stunning contrast with 4K HDR clarity. Acoustic Surface Audio+ brings 3.2 channel sound from the screen. Introducing the MASTER series: the best of Sony.



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Bullets

- MASTER series TVs are meticulously engineered for excellence with the latest and greatest in TV technology
- OLED TV – Over 8 million self-illuminating pixels for perfect black and color
- Everything is upscaled to get close to 4K HDR¹ with the Picture Processor X1™ Ultimate and 4K X-Reality PRO⁷
- 4K HDR^{1,2} - HDR¹⁰, HLG & Dolby Vision™⁸ for incredible detail and clarity
- Pictures and sound in perfect harmony with Sony's Acoustic Surface Audio+ technology
- Enjoy smooth and vibrant colors with TRILUMINOS™ Display & 4K HDR Super Bit Mapping
- Android™ TV with the Google Assistant technology built in gives you a genius TV^{3,9} with hands-free voice search
- Content appears with lifelike motion with Motionflow™ XR technology
- Enjoy studio-quality content with Netflix Calibrated Mode¹¹
- CalMAN auto calibration mode makes high-performance screen calibration easier than ever
- Compatible with Google Home⁵ and Amazon Alexa⁶ for an even smarter home
- Vertical one slate design with hidden speakers and cable management

Features

MASTER Series: Meet the Masters

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 A9F 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 Picture Processor X1™ Ultimate and supercharged via the Pixel Contrast Booster to reveal bright, vivid colors and brilliantly refined detail to create 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 brand-new 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^{1,7}. 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.



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

Every object, accurately displayed. With Object-Based Super Resolution in combination with 4K X-Reality PRO™, you'll see lifelike detail, textures, and clarity. Leveraging intelligent dual database processing, pictures look cleaner with less on-screen noise^{1,7}. Every single pixel is enhanced beautifully by Sony's best 4K HDR Picture Processor X1™ Ultimate and Pixel Contrast Booster.

See the big picture with 4K HDR and Dolby Vision

High Dynamic Range (HDR) picture is the way TV was always meant to be watched. 4K Ultra HD resolution¹ 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 formats². Dolby Vision⁸ brings scenes to life with striking highlights, deeper darks and vibrant colors. Whichever format you choose, Sony MASTER Series TVs deliver picture-perfect reality, creating an immersive and engaging cinematic experience.

A revolution in TV sound

Innovative Acoustic Surface Audio+ technology has three actuators and two powerful subwoofers. Crystal-clear 3.2ch sound comes directly at you from the entire screen, creating a new immersive multidimensional audio experience. With Center Speaker Mode, your TV now becomes the centerpiece of your home theater. Dialogue, action, and music all come directly from the screen to complement your existing home theater system. It's picture and sound in perfect harmony.

Vibrant colors, smooth gradations

Only when surrounded by true black do colors seem really vibrant. 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 genius TV, a smarter home.

With Android TV, simply ask, and you shall receive. Control your TV and smart home hands-free by talking directly to your TV³ with the Google Assistant built in. Cast your favorite apps with Chromecast built-in¹⁰, or enjoy a huge range of apps from Google Play™, including YouTube™, Netflix, Prime Video, Hulu, Spotify and more^{9,11}. With Google Home⁵ and Amazon Alexa⁶ 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.⁴

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.

Optimizing colors for professionals

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

Enjoy studio quality 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 Mode¹¹, the creator's vision and intent is faithfully preserved.

Meet your Google Assistant

Sony TVs equipped with Android TV have the Google Assistant built in, making your life easier 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^{3,9}. It's your own personal Google, always ready to help.

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.

A design of sophistication

A design that's a work of art. The new, refined one slate design is curated to look beautiful wherever the TV may rest. 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.

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Specifications

Audio					
Audio Power Output	13W + 13W+ 13W+ 13W + 13W+ 13W+ 10W + 10W	Text Input Language	BUL / CAT / HRV / CES / DAN / DUT / ENG / EST / FIN / FRA / GER / GRK / HUN / ITA / LAV / LIT / NOR / POL / POR / RON / RUS / SLK / SLV / SPA / SWE / TUR / UKR / THA / VIE / ARA / FAS / JPN		
Bass/Treble/Balance	Balance				
Speaker Configuration	3.2ch, Actuator (25 mm) x 6, Woofer (60 x 100 mm) x 2				
Speaker Position	Front, Back				
Speaker Type	Acoustic Surface Audio+ (Actuator+Subwoofer)	USB drive format support	Yes (Supported File System: FAT16/FAT32/exFAT/NTFS)		
Audio Features		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 WEBM:VP9/AC4/ogg/ AAC/ARW(Screen nail only)		
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 Digital, Dolby Digital Plus, Dolby Pulse, Dolby AC-4				
DTS audio format support	DTS Digital Surround				
HDMI Audio Return Channel(ARC)	Yes				
HDMI input Audio format	5.1 channel linear PCM: 32/ 44.1 /48/ 88.2/ 96/ 176.4/ 192kHz 16/ 20/ 24bits, Dolby Digital, Dolby Digital Plus, DTS				
Simulated Surround Sound	S-Force Front Surround				
S-Master	S-Master Digital Amplifier				
Sound Modes	Standard, Dialog ,Cinema, Music,Sports ,Dolby Audio				
Convenience Features		Voice Search	Yes		
Application Store	Yes (Google Play Store)	Design Features			
Auto Picture Mode	Yes	Cable Management	Yes		
Auto Shut-off	Yes	Frame color	Black		
Channel Block (with password)	Yes (Analog&Digital)	Illumination LED	Yes		
Chromecast built-in	Yes	Display Features			
HDMI-CEC	Yes	Display type	OLED		
i-Manual	Yes	TRILUMINOS Display	Yes		
On/Off Timer	Yes	Display			
On-Screen Clock	Yes	Aspect Ratio	16:09		
Parental Control	Yes	Display Resolution	QFHD		
Show/Hide Channels	Yes(Digital&Analog)	Display resolution (H x V, pixels)	3840x2160		
Sleep Timer	Yes	Screen Size (cm, measured diagonally)	138.8cm		
		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		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 IN1, IN2, IN3, IN4 ports for 4K(up to 6Gbps) signal				
AC Power Input	1 (Bottom)				
Analog Audio Input(s) (Total)	1 (Bottom)				
Audio / Headphone Output(s)	1 (Bottom)				
Bluetooth profile support	Version 4.2 HID/HOGP/SPP/A2DP/AVRCP				
Composite Video Input(s)	1 (Bottom)				
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 (bottom)				
RF Connection Input(s)	1 (Bottom) (Terrestrial/ Cable)				
RS-232C Input(s)	1 (Bottom)				
USB Port(s)	2 (Bottom)/1 (Side)				
Network Features					

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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/ MKV: Xvid, AVC, MPEG4, VP8.HEVC/ WEBM: VP8/ 3GPP: MPEG4, AVC/ MP3 /ASF (WMA) / LPCM / WAV/ MP4AAC/ FLAC/ JPEG WEBM:VP9/ AC4/ ogg/ AAC/ ARW(Screen nail only)
Featured (Content Bar)	Yes
Home Network Feature	Home Network Client, Home Network Renderer
Internet Browser	Vewd (Not pre-installed)
Other Network Features	Content Bar: Yes 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
Power	
Annual Power Consumption	265 kWh/Year
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	15 3/4 x 7 7/8 inch (400x200 mm)
VESA® Hole Spacing Compatible	Yes
Sensing Features	
LightSensor™ Technology	Yes
Service and Warranty Information	
Limited Warranty Term	12 Months
TV System	
Channel Coverage (Analog)	VHF: 2-13/UHF: 14-69/ CATV: 1-135
Color Space	sRGB/ BT709,BT2020, AdobeRGB,DCI
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
HDR (High Dynamic Range) compatibility	Yes (HDR10, HLG, DolbyVision)
Live Color™ Technology	Yes
Motionflow™ XR Technology	Motionflow XR
Object-based HDR remaster	Yes
Panel Refresh Rate (Native Hertz)	120Hz
PhotoTV HD	Yes
Picture Modes	Vivid, Standard, Cinema, Game, Graphics, Photo, Custom
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
CineMotion/Film Mode/Cinema Drive	Yes
Weights and Measurements	

Dimensions (Approx.)	Without stand: 48 3/8 x 28 x 3 1/2(11/32) inch (1228 x 711 x 86(8.1) mm) With Stand: 48 3/8 x 28 x 12 5/8 inch (1228 x 709 x 320 mm) Stand Width: 15 3/4 inch (397 mm) AC Cable Length: 2000m
Packaging (Approx.)	Package Carton: 57 1/2 x 33 x 7 3/4 inch (1458 x 836 x 196 mm) Weight of Package Carton(Gross): 83.8lb. (38 kg)
Weight (Approx.)	Without Stand: 52.5 lb (23.8 Kg) With Stand: 66.1 lb (30.0 Kg)
Accessories	
Supplied Accessories	Voice Remote Control (RMF-TX220U) Batteries (LR03) AC Power Cord Spec (C17 Connector, US, 2pin, Polarity, flat blades Polarity) IR Blaster (1-845-407-11) 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.
2. Requires HDR compatible content from supported streaming services, such as Netflix, Ultra and Amazon Video or HDR compatible content device connected via HDMI input. Requires HDMI ® cables sold sep.
3. 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. 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 individual 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. Google Assistant built in and hands-free voice are only available in the English language.
4. Compatible devices require internet connection. Voice Search is available using the included remote control, Android TV Remote Control application with Android 4.0 or higher, or using Sony's TV SideView application available for Android 4.0.3 or higher or iOS 7.0 or higher.
5. 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.
6. 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.
7. Upscaled, simulated and enhanced 4K images will vary based on source content.
8. 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.
9. User must connect to a Google account to use, including voice to activate linked apps.
10. Chromecast built-in compatibility dependent on app.brApp availability varies by region and device. 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/>. Third party product and services sold separately. Must download 3rd party apps in smart phone. Requires compatible devices connected to the same wireless home network.
11. Netflix streaming membership required. 4K Ultra HD availability subject to your Netflix subscription plan, internet service, device capabilities, and content availability. www.netflix.com/termsfuse

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