

SONY

XBR-65A8F

65" class (64.5" diag) BRAVIA OLED 4K HDR TV

Power and finesse. Sony's A8F BRAVIA OLED TV combines processing power with beautiful OLED picture and a sleek design to bring in a new standard of home entertainment. The X1 Extreme processor upscales your content to near-4K HDR¹ quality, bringing stunning contrast and absolute blacks to your favorite shows and movies.²



Bullets

- OLED TV - Over 8 million self-illuminating pixels for perfect black and color
- Everything you watch looks like 4K HDR¹ with the X1™ Extreme processor and 4K X-Reality PRO^{8,2}
- 4K HDR^{1,2} - HDR10, HLG & Dolby Vision® for incredible detail and clarity⁹
- Pictures and sound in perfect harmony with Sony's Acoustic Surface
- Enjoy smooth and vibrant colors with TRILUMINOS™ Display & 4K HDR Super Bit Mapping
- Vertical one slate design w/ hidden speakers / cable management
- Android™ TV with Google Assistant technology gives you a genius TV^{3,10}
- Content appears with lifelike motion with Motionflow™ XR technology
- Compatible with Google Home⁶ and Amazon Alexa⁷ for an even smarter^{6,7} home
- Live TV Streaming, no annual contract with PlayStation™ Vue
- Download your favorite content, shopping, and gaming apps from Google Play™^{3,11}

Features

Exquisite contrast, perfect blacks

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.

Pure black, perfect vision

Our OLED pixels work individually and can be turned off completely to deliver absolute black. This level of supreme contrast reveals detail, depth, textures and colors for a view that is stunningly real.

Uncover the detail with 4K HDR

High Dynamic Range (HDR) will change the way you look at TV. Combined with 4K Ultra HD resolution¹, HDR video content delivers exceptional detail, color and contrast, with a far wider range of brightness than other video formats². In addition, Dolby Vision⁹ brings scenes to life with striking highlights, deeper darks and vibrant colors, creating an immersive, engaging cinematic experience. The result is the most lifelike picture TVs have ever been able to create, with brilliant highlights and fine detail

Everything should look like 4K HDR

Our newly developed 4K HDR Processor X1™ Extreme outperforms our conventional 4K Processor X1™ with 40% more real-time image processing power. It takes everything you watch and improves it to near 4K HDR quality^{1,8}. Object-based HDR Remaster technology can detect, analyze and optimize each object in the picture individually to adjust the overall contrast for a more natural and realistic picture on screen.

A revolution in TV sound

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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 pictures 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 design of sophistication

A design that's a work of art. The all-new one slate design is curated to look beautiful wherever the TV may rest. The enhanced design makes it easy to mount the TV even closer to the wall, and the redesigned vertical stand disappears when placed on TV stands or entertainment centers. 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.

A genius TV, a smarter home

Find all the entertainment you can dream of, faster than ever. From movies and TV shows to thousands of apps including your favorite Android games, Sony's Android™ TV brings you everything in an instant³. Cast your favorite apps with Chromecast built-in¹², or enjoy a huge range of apps from Google Play™, including YouTube™, Netflix, Amazon Video, Hulu, Pandora and more^{10,13}. With Google Home⁶ and Amazon Alexa⁷ 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

Upscale to a more natural picture

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^{1,8}. Every single pixel is enhanced beautifully by the powerful 4K HDR Processor X1™ Extreme.

Meet your Google Assistant

Sony TVs equipped with Android TV now have Google Assistant built-in, making your life easier. Ask it questions, connect to smart home devices like Nest, or access many of the apps and services you already use every day^{3,10}. It's your own personal Google, always ready to help.

Motionflow™ 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.

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.

Live TV, no annual contract

PlayStation™ Vue is now available on Android TV. Enjoy live TV streaming with no annual contract and no surprise fees. Experience premium content, including sports, news and more, from your favorite networks.

Specifications

Audio		Advanced Auto Volume	Yes	Digital audio out (Optical) format	Two channel linear PCM: 48 kHz 16 bits, Dolby Digital, DTS
Audio Power Output	10W + 10W+ 10W+ 10W+ 10W	Alternate Audio (Digital)	Yes	Dolby audio format support	Dolby Digital, Dolby Digital Plus, Dolby Pulse
Bass/Treble/Balance	Balance	ARC Output Format	Two channel linear PCM: 48 kHz 16 bits, Dolby Digital, Dolby Digital Plus, DTS	DTS audio format support	DTS Digital Surround
DSEE/DSEE-HX	DSEE	Audio Out	Fixed/Variable	HDMI Audio Return Channel (ARC)	Yes
Speaker Configuration	2.1ch, Actuator (25mm)x 4, Woofer (60mm) x 2	Auto Surround	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
Speaker Position	Front, Back	Clear Audio+	Yes		
Speaker Type	Acoustic	Clear Phase	Yes		
Audio Features					

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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	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
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USB drive format support	Yes (Supported File System: FAT16/FAT32/exFAT/NTFS)
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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
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Voice Search	Yes
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Customizing Capability

RS-232C Control	Yes
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Design Features

Cable Management	Yes
Frame color	Black
Illumination LED	Yes
Stand Design	Dark Silver Slate

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)	163.9 cm
Screen Size (inch, measured diagonally)	65" (64.5")
Viewing Angle (Right/Left)	178 (89/89) degree
Viewing Angle (Up/Down)	178 (89/89) degree

Energy Saving & Efficiency

Power Saving Modes	Yes
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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(Side)
Audio / Headphone Output(s)	1 (Side/Hybrid w/HP and Subwoofer Out)
Bluetooth profile support	Version 4.1 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(30,60Hz), 1080/24p, 1080i(60Hz), 720p(30,60Hz), 720/24p, 480p, 480i
Headphone Output(s)	1 (Side/Hybrid w/Audio Out and Subwoofer Out)

RF Connection Input(s)	1 (Bottom) (Terrestrial/Cable)
RS-232C Input(s)	1 (Bottom)
Subwoofer Out	1 (Side/Hybrid w/HP and Audio 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, 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
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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
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	325 kWh/Year
Power Consumption (In Operation)	480W
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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Service and Warranty Information

Limited Warranty Term	12 Months
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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 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) compatibility	Yes (HDR10, HLG, Dolby Vision)* *Firmware update may be required.
Live Color™ Technology	Yes
Mastered in 4K	Yes
Motionflow™ XR Technology	Motionflow XR
Object-based HDR remaster	Yes
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 / Normal / Full / Zoombr Normal / Full1 / Full2 for PC
CineMotion/Film Mode/Cinema Drive	Yes
Weights and Measurements	
Dimensions (Approx.)	Without Stand: 57 x 33 x 2 1/4(1/4) inch (1447 x 836 x 55 (5.8) mm) With Stand: 57 x 33 1/8 x 10 1/8 inch (1447 x 841 x 255 mm) Stand Width: 15 7/8 inch (402 mm) AC Cable Length: 2000 mm
Packaging (Approx.)	Package Carton: 62 1/8 x 37 3/4 x 7 3/8 inch (1575 x 956 x 185 mm) Weight of Package Carton(Gross): 81.5lb (37 kg)
Weight (Approx.)	Without Stand: 53.8 lb (24.4 kg) With Stand: 61.7 lb (28 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 (1-849-161-12) Operating Instructions (US,FR) Quick Setup Guide / Supplement CUE (GA) (US,FR,ES,PT) Table Top Stand (Separate(assembly required))

1. 3,840 x 2,160 pixels.

2. Requires HDR compatible content from supported streaming services, such as Netflix, Ultra and Amazon Video.

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.

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. Service not available in all areas. See www.psvue.com for details. Sony Entertainment Network Account is required. 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.

6. 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.

7. Amazon Alexa device (sold separately) compatible with Sony TV's powered by Android TV. Works with voice-enabled remote controls. Subscriptions may be required to access certain content.

8. Upscaled, simulated and enhanced 4K images will vary based on source content.

9. Dolby Vision™ will be made available via a future firmware update

10. User must connect to a Google account to use, including voice to activate linked apps.

11. Apps must be compatible with TV.

12. Chromecast built-in compatibility dependent on app.

13. App 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.

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