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 - 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 PRO²
- 4K HDR¹² - HDR10, HLG & Dolby Vision for incredible detail and clarity
- 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 TV³
- Content appears with lifelike motion with Motionflow™ XR technology
- Compatible with Google Home and Amazon Alexa for an even smarter⁶,⁷ home
- Live TV Streaming, no annual contract with PlayStation™ Vue
- Download your favorite content, shopping, and gaming apps from Google Play™³

**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 formats⁵. 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 quality¹. 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**

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 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 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, Sony’s Android™ TV brings you everything in an instant³. Cast your favorite apps with Google Cast, and Voice Search helps you find the entertainment you want. And 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.

**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 noise³. 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 day³. 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.

**Your favorite apps, on your TV**

Enjoy a huge range of apps from Google Play™, including YouTube™, Netflix, Amazon Video, Hulu, Pandora and more. Also, play your favorite Android games on the big screen³.

### Specifications

<table>
<thead>
<tr>
<th>Audio</th>
<th>Alternate Audio (Digital)</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bass/Treble/Balance</td>
<td>Balance</td>
<td></td>
</tr>
<tr>
<td>DSEE/DSEE-HX</td>
<td>DSEE</td>
<td></td>
</tr>
<tr>
<td>Speaker Configuration</td>
<td>2.1 ch,Exciter(25mm)x4, Woofer(60mm)x2</td>
<td></td>
</tr>
<tr>
<td>Speaker Position</td>
<td>Front, Back</td>
<td></td>
</tr>
<tr>
<td>Speaker Type</td>
<td>Acoustic</td>
<td></td>
</tr>
</tbody>
</table>

| Audio Features | Advanced Auto Volume | 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 | |

<table>
<thead>
<tr>
<th>Dolby audio format support</th>
<th>Dolby Audio format support</th>
<th>Dolby Digital, Dolby Digital Plus, Dolby Pulse</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDMI Audio Return Channel(ARC)</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>HDMI input Audio format</td>
<td>5.1 channel linear PCM:</td>
<td></td>
</tr>
<tr>
<td>Headphone/Speaker Link</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Simulated Surround Sound</td>
<td>S-Force Front Surround</td>
<td></td>
</tr>
<tr>
<td>S-Master</td>
<td>S-Master Digital Amplifier</td>
<td></td>
</tr>
</tbody>
</table>
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

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 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 HIDs/HOGP/SPP/A2DP/AVRCP
- Composite Video Input(s): 1 (Side)
- Digital Audio Output(s): 1 (Bottom)
- Ethernet Connection(s): 1 (Bottom)
- 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 @67.9kHz,60Hz
- HDMI Signal: 4096x2160p(24,60Hz), 3840x2160p(24,30,60Hz), 1080p(30,60Hz), 1080p(24p), 1080(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, MPEG2PS, MPEG2PS, MPEG2
- 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
- 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 Spacing: Compatible

Sensing Features
- LightSensor™ Technology: Yes

Service and Warranty Information
- Limited Warranty Term: 12 Months

Display Features
- Display type: OLED
- TRILUMINOS Display: Yes

Display
- Aspect Ratio: 16:9
- Display Resolution: QFHD
- Display Resolution (H x V, pixels): 3840 x 2160
- 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

Video Features
- 24p True Cinema: Yes
- 4.3 Default: Yes
- 4K Processor: 4K HDR Processor X1 Extreme
- Auto Wide: Yes
<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blinking Type</td>
<td>Frame Blinking</td>
</tr>
<tr>
<td>Dual database processing</td>
<td>Yes</td>
</tr>
<tr>
<td>Dynamic Contrast Enhancer</td>
<td>Yes</td>
</tr>
<tr>
<td>Face Area Detection</td>
<td>Yes</td>
</tr>
<tr>
<td>HDR (High Dynamic Range) compatibility</td>
<td>Yes (HDR10, HLG)</td>
</tr>
<tr>
<td>Live Color™ Technology</td>
<td>Yes</td>
</tr>
<tr>
<td>Mastered in 4K</td>
<td>Yes</td>
</tr>
<tr>
<td>Motionflow™ XR Technology</td>
<td>Motionflow XR</td>
</tr>
<tr>
<td>Object-based HDR remaster</td>
<td>Yes</td>
</tr>
<tr>
<td>Panel Refresh Rate (Native Hertz)</td>
<td>120Hz</td>
</tr>
<tr>
<td>Picture Modes</td>
<td></td>
</tr>
<tr>
<td>Precision Color Mapping</td>
<td>Yes</td>
</tr>
<tr>
<td>Super Bit Mapping™ 4K HDR</td>
<td>Yes</td>
</tr>
<tr>
<td>Video Processing</td>
<td>4K X-Reality PRO</td>
</tr>
<tr>
<td>Wide Mode</td>
<td>Wide / Normal / Full / Zoombr Normal / Full1 / Full2 for PC</td>
</tr>
<tr>
<td>CineMotion/Film Mode/Cinema Drive</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Weights and Measurements

- **Dimensions (Approx.)**: AC Cable Length: 2000 mm

### 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)**
- **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.
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. Requires compatible devices connected to the same network. Google Cast requires mobile devices with Android 2.3 or higher, or iOS 6.0 or higher and Chromecast application. Google Play using Android TV Remote Control application requires Android 4.0 or higher; not available for iOS. 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.

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