

SONY

XBR-49X900F

49" class (48.5" diag.) BRAVIA 4K HDR ULTRA HD TV

Armed with a stunning array of technologies like the X1 Extreme Processor, X-Tended Dynamic Range PRO, and X-Motion Clarity, the Sony X900F 4K HDR TV displays an awe-inspiring 4K HDR^{1,2} picture with stunning clarity, contrast, and color. It's more than just a TV - It's what 4K HDR TVs aspire to be.



Bullets

- Full Array backlight with local dimming for more precise dynamic range
- Everything you watch looks like 4K HDR¹ with the X1 Extreme processor and 4K X-Reality PRO
- X-tended Dynamic Range™ PRO 6X contrast range provides a wider range of brightness
- 4K HDR^{1,2} - HDR10, HLG & Dolby Vision® for incredible detail and clarity
- Enjoy smooth and vibrant colors with TRILUMINOS™ Display & 4K HDR Super Bit Mapping
- On-screen action and motion look better than ever with X-Motion Clarity™ technology
- Android™ TV with Google Assistant technology gives you a genius TV^{3,4}
- A TV with premium aesthetics: Slice of living design with cable management
- Compatible with Google Home and Amazon Alexa for an even smarter home
- Live TV Streaming, no annual contract with PlayStation™ Vue
- Download your favorite content, shopping, and gaming Apps from Google Play³

Features

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. 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^{1,2}. 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.

Full-array local dimming

With our full-array local dimming technology, you get enhanced contrast and incredible brightness in a stunningly slim design. Add in X-tended Dynamic Range™ PRO 6x and enjoy six times the contrast range² of a conventional LED-edge lit TV by accurately balancing the light output across the screen.

Vibrant colors, smooth gradations

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.

X-Motion Clarity

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Scenes appear as they do in real life with X-Motion Clarity™ technology. This revolutionary, best in class technology from Sony refines action on the screen in real time with an incredible refresh rate for action that is brighter and clearer than ever before.

A masterpiece of design

Unsightly wires are managed and kept out of sight inside the hidden cable panel structure for a clean, sophisticated look.

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 Google Cast, or enjoy a huge range of apps from Google Play™, including YouTube™, Netflix, Amazon Video, Hulu, Pandora and more^{3,4}. 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 noise. Every single pixel is enhanced beautifully by the powerful 4K HDR Processor X1 Extreme.

Meet your Google Assistant

Android TVs by Sony now have the Google Assistant built-in, making your life easier³. 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.

Live TV, no annual contract

PlayStation™ Vue now available on Android TV³. 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		DTS audio format support	DTS Digital Surround	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	
Audio Power Output	10W+10W	HDMI Audio Return Channel(ARC)	Yes		USB drive format support	Yes (Supported File System: FAT16/FAT32/exFAT/NTFS)
Bass/Treble/Balance	Balance	HDMI input Audio format	5.1 channel linear PCM:			USB playback codecs
DSEE/DSEE-HX	DSEE	Headphone/Speaker Link	Yes		Voice Search	
Speaker Configuration	2ch, Full Range(25x90mm)x2	Simulated Surround Sound	S-Force Front Surround		Customizing Capability	
Speaker Position	Down Firing	S-Master	S-Master Digital Amplifier		RS-232C Control	Yes
Speaker Type	Bass Reflex	Sound Modes	Standard,Dialog,Cinema,Music,Sports	Design Features		
Audio Features		Convenience Features		Cable Management	Yes	
Advanced Auto Volume	Yes	Application Store	Yes (Google Play Store)	Frame color	Black	
Alternate Audio (Digital)	Yes	Auto Picture Mode	Yes	Illumination LED	Yes	
ARC Output Format	Two channel linear PCM: 48 kHz 16 bits,Dolby Digital,Dolby Digital Plus,DTS	Auto Shut-off	Yes	Stand Design	Dark Silver L-Shape	
Audio Out	Fixed/Variable	Channel Block (with password)	Analog & Digital	Display Features		
Auto Mute (on no signal)	Yes	Chromecast built-in	Yes	Backlight dimming type	Local Dimming	
Auto Surround	Yes	HDMI-CEC	Yes	Backlight Type	Direct LED	
Clear Audio+	Yes	i-Manual	Yes	Display type	LCD	
Clear Phase	Yes	On/Off Timer	Yes	TRILUMINOS Display	Yes	
Digital audio out (Optical) format	Two channel linear PCM: 48 kHz 16 bits,Dolby Digital,DTS	On-Screen Clock	Yes			
Dolby audio format support	Dolby Digital, Dolby Digital Plus, Dolby Pulse	Parental Control	Yes			
		Show/Hide Channels	Yes (Digital & Analog)			
		Sleep Timer	Yes			

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X-tended Dynamic Range PRO/ X-tended Dynamic Range	X-tended Dynamic Range PRO	HDMI Signal	4096x2160p(24,60Hz), 3840x2160p(24,30,60Hz), 1080p(30,60Hz), 1080/24p, 1080i(60Hz), 720p(30,60Hz), 720/24p, 480p, 480i	Channel Coverage (Analog)	VHF: 2-13/UHF: 14-69/ CATV: 1-135
Display		Headphone Output(s)	1 (Side/Hybrid w/Audio Out and Subwoofer Out)	Color Space	sRGB/
Aspect Ratio	16:9	RF Connection Input(s)	1 (Bottom)	Color System	NTSC
Display Resolution	QFHD	RS-232C Input(s)	1 (Bottom)	Number of Tuners (Terrestrial/Cable)	1 (Digital / Analog)
Display resolution (H x V, pixels)	3840x2160	Subwoofer Out	1 (Side/Hybrid w/HP and Audio Out)	On-board Storage (GB)	16GB
Screen Size (cm, measured diagonally)	123.2 cm	USB Port(s)	2 (Side) / 1 (Bottom)	OS	Android 7.0 Nougat
Screen Size (inch, measured diagonally)	49" (48.5")	Network Features		Tuner Channel Coverage (Digital Cable)	CATV: 1-135
Viewing Angle (Right/ Left)	178(89/89) degree	Codec for Home Network	MPEG1:MPEG1/ MPEG2PS:MPEG2/ MPEG2TS(HDV,AVCHD): MPEG2,AVC/	Tuner Channel Coverage (Digital Terrestrial)	VHF: 2-13/UHF: 14-69
Viewing Angle (Up/ Down)	178(89/89) degree	Featured (Content Bar)	Yes	TV System (Analog)	M
Energy Saving & Efficiency		Home Network Feature	Home Network Client, Home Network Renderer	TV System (Digital Cable)	Clear QAM
Dynamic Backlight Control	Yes	Internet Browser	Vewd (Not pre-installed)	TV System (Digital Terrestrial)	ATSC
Power Saving Modes	Yes	Other Network Features	Content Bar: Yes Related Info: Yes (US / Canada / MX(STB))	Video Features	
General Features		Screen mirroring(Miracast™)	Yes	24p True Cinema	Yes
Closed Captions (CC)	Analog Digital	Wi-Fi Certified	Yes	4:3 Default	Yes
Demo Mode	Yes	Wi-Fi Direct	Yes	4K Processor	4K HDR Processor X1 Extreme
Hotel Mode Menu	Yes	Wi-Fi Frequency	2.4GHz/5GHz	Auto Wide	Yes
Inputs and Outputs		Wi-Fi Standard	a/b/g/n/ac	Blinking Type	Line Blinking
4K 60P High-Quality formats	HDMI IN2, IN3 ports for 4K(up to 6Gbps) signal.	Wireless LAN	Integrated	Dual database processing	Yes
AC Power Input	1 (REAR)	Power		Dynamic Contrast Enhancer	Yes
Analog Audio Input(s) (Total)	1 (Side)	Annual Power Consumption	219 kWh/Year	Face Area Detection	Yes
Audio / Headphone Output(s)	1 (Side/Hybrid w/HP and Subwoofer Out)	Power Consumption (in Operation)	177W	HDR (High Dynamic Range) compatibility	Yes (HDR10, HLG)
Bluetooth profile support	Version 4.1 HID/HOGP/SPP/A2DP/AVRCP	Power Consumption (in Standby)	0.5W	Live Color™ Technology	Yes
Composite Video Input(s)	1 (Side)	Power Requirements (frequency)	60Hz for UL cUL 50/60Hz for other	Mastered in 4K	Yes
Digital Audio Output(s)	1 (Bottom)	Power Requirements (voltage)	AC 120V for UL cUL AC 110-240V for other	Object-based HDR remaster	Yes
Ethernet Connection(s)	1 (Bottom)	Regulation and Standards Compliance		Panel Refresh Rate (Native Hertz)	120Hz
HDCP	HDCP2.2 (for HDMI1/2/3/4)	VESA® Hole Pitch	7 7/8 x 7 7/8 inch (200 x 200 mm)	PhotoTV HD	Yes
HDMI inputs total	4 (1 Side, 3 Bottom)	VESA® Hole Spacing Compatible	Yes	Vivid, Standard,Custom, Cinema Pro, CinemaHome, Sports, Animation, Photo-Vivid, Photo-Standard, Photo-Custom, Game, Graphics	
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	Sensing Features		Precision Color Mapping	Yes
		LightSensor™ Technology	Yes	Super Bit Mapping™ 4K HDR	Yes
		Service and Warranty Information		Video Processing	4K X-Reality PRO
		Limited Warranty Term	12 Months	Wide Mode	Wide Zoom / Normal / Full / Zoom Normal / Full1 / Full2 for PC
		TV System			

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CineMotion/Film Mode/Cinema Drive	Yes
Weights and Measurements	
Dimensions (Approx.)	Tv only: 43 1/8 x 24 7/8 x 2 3/4 inch (1093 x 629 x 69 mm) Tv with stand: 43 1/8 x 27 3/8 x 10 5/8 inch (1093 x 694 x 268 mm) Stand Width: 38 7/8 inch (987 mm) AC Cable Length: 1500 mm Package Carton: 46 3/4 x 29 1/2 x 7 3/8 inch (1186 x 748 x 185 mm)
Weight (Approx.)	Tv only: 30.0 lb (13.6 kg) Tv with stand: 32.0 lb (14.5 kg) Package Carton: 41.9 lb (19kg)
Accessories	
Supplied Accessories	Voice Remote Control (RMF-TX310U) Batteries (LR03) AC Power Cord Spec (Pig-tail 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. 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. 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. Works with voice-enabled remote controls. Subscriptions may be required to access certain content.

7. 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.

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