

# SONY

## XBR-49X900E

### 49" class (48.5" diag) 4K HDR Ultra HD TV

Enjoy 4K<sup>1</sup> HDR entertainment on our X900E with Android™ TV<sup>3</sup>. With a full-array backlight and five times the dynamic range<sup>2</sup>, this television offers incredible contrast. And with the powerful performance of the 4K HDR Processor X1, it takes even non-HDR content to near 4K HDR quality<sup>1</sup>.



### Bullets

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- The dramatic contrast, color and detail of 4K HDR
- Take even non-HDR content to the next level with the new 4K HDR Processor X1
- Five times the contrast range with X-tended Dynamic Range™ PRO 5x<sup>2</sup>
- Full-array local dimming and boosting
- Enjoy smooth and vibrant colors with TRILUMINOS™ Display and 4K HDR Super Bit Mapping
- Android™ TV with Google Home compatibility gives you a genius TV
- Lifelike motion with Motionflow™ XR technology
- 4K X-Reality PRO provides lifelike detail and clarity
- Live TV streaming, no annual contract with PlayStation™ Vue

### Features

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#### Uncover the detail with 4K HDR

High Dynamic Range (HDR) will change the way you look at TV. Combined with 4K Ultra HD resolution<sup>1</sup>, HDR video content delivers exceptional detail, color and contrast, with a far wider range of brightness than other video formats. The result is the most lifelike picture TVs have ever been able to create, with brilliant highlights and fine detail.

#### Take non-HDR content to the next level

Our newly developed 4K HDR Processor X1 outperforms our original 4K Processor X1 with more real-time image processing power. It takes even non-HDR content to near 4K HDR quality<sup>1</sup>. 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 boosting and 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 5x and enjoy five times the contrast range<sup>2</sup> of a conventional LED-edge lit TV by accurately balancing the light output across the screen. When combined with HDR video, X-tended Dynamic Range PRO 5x increases the quality of HDR so you experience even greater brilliance in every scene.

#### 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 vibrant, 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

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 instant<sup>3</sup>. Cast your favorite apps with Google Cast, and Voice Search helps you find the entertainment you want. And with Google Home compatibility, simply voice-control your TV and ask it to do things, like play your favorite YouTube videos.

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## Redefining realism

The difference is clear. You'll see lifelike detail and stunning clarity, no matter what you're watching. 4K X-Reality PRO™ upscales images to near 4K clarity<sup>1</sup>. See the details appear in buildings and trees as scenes become clearer, smoother and more natural.

## Motionflow™ keeps the action smooth

TV that keeps up with real life. Sony's refresh rate technology (Motionflow™ XR 960) builds upon the native 120Hz panel to allow fast moving action sequences in sports and movies to be seen with lifelike clarity.

## Live TV, no annual contract

PlayStation Vue 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.

## Just say what you want

Spend less time browsing, and more time watching. Voice search on Android TV™ provides you with the power of Google search in 42 languages, allowing you to find content across different services without the hassle of time-consuming text entry<sup>3</sup>

## Send to a bigger, better screen with Google Cast™

Send movies and music from your smartphone to your TV with Google Cast™. Use your phone as a remote control<sup>3</sup>

## 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 screen<sup>3</sup>.

## A masterpiece of design

Keep wires out of sight, thanks to a hidden cable panel structure, for a clean look.

## Specifications

<b>Audio</b>						
Bass/Treble/Balance	Balance	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		Text Input Language	
DSEE/DSEE-HX	DSEE		Headphone/Speaker Link			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
Speaker Configuration	2ch, Full Range (25 x 90 mm) x 2		Simulated Surround Sound			
Speaker Position	Down Firing		S-Master			
Speaker Type	Bass Reflex		Sound Modes			
<b>Audio Features</b>		<b>Convenience Features</b>		USB drive format support		
Advanced Auto Volume	Yes	Application Store		Yes (Supported File System: FAT16/ FAT32/ exFAT/ NTFS)		
Alternate Audio (Digital)	Yes	Auto Picture Mode		USB playback codecs		
ARC Output Format	Two channel linear PCM: 48kHz 16bits, Dolby Digital, Dolby Digital Plus, DTS	Auto Shut-off		MPEG1:MPEG1 / MPEG2PS:MPEG2/		
Audio Out	Fixed / Variable	Channel Block (with password)		Voice Search		
Auto Surround	Yes	Google Cast™		Yes		
Clear Audio+	Yes	HDMI-CEC		<b>Customizing Capability</b>		
Clear Phase	Yes	i-Manual		RS-232C Control		
Dolby audio format support	Dolby Digital, Dolby Digital Plus, Dolby Pulse	Multiple Language Display		Yes		
DTS audio format support	DTS Digital Surround	On-Screen Clock		<b>Design Features</b>		
HDMI Audio Return Channel(ARC)	Yes	Parental Control		Cable Management		
		Show/Hide Channels		Yes		
		Sleep Timer		Yes		
				Frame color		
				Black		
				Illumination LED		
				Yes		
				Stand Design		
				Dark Silver Slate		
				<b>Display Features</b>		
				Backlight dimming type		
				Local Dimming		
				Backlight Type		
				Direct LED		
				Display type		
				LCD		
				X-tended Dynamic Range PRO/ X-tended Dynamic Range		
				X-tended Dynamic Range PRO		

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<b>Display</b>					
Aspect Ratio	16:9	HDMI Signal		4096 x 2160p (24, 60Hz), 3840 x 2160p (24, 30, 60Hz), 1080p (30, 60Hz), 1080/24p, 1080i (60Hz), 720p (30, 60Hz), 720/24p, 480p, 480i	
Display Resolution	QFHD	Headphone Output(s)		1 (Rear / Hybrid w/Audio Out and Subwoofer Out)	
Display resolution (H x V, pixels)	3840x2160	RF Connection Input(s)		1(Side)	
Screen Size (cm, measured diagonally)	123.2 cm	RS-232C Input(s)		1 (Rear/Mini Jack)	
Screen Size (inch, measured diagonally)	49" (48.5")	Subwoofer Out		1 (Side / Hybrid w/HP and Audio Out)	
Viewing Angle (Right/Left)	178(89/89) degree	USB Port(s)		3 (side)	
Viewing Angle (Up/Down)	178(89/89) degree	<b>Network Features</b>			
<b>Energy Saving &amp; Efficiency</b>		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	
Dynamic Backlight Control	Yes	Electronic Program Guide (EPG)		Yes	
Power Saving Modes	Yes	Featured (Content Bar)		Yes	
<b>General Features</b>		Home Network Feature		Home Network Client / Home Network Renderer	
Closed Captions (CC)	Analog Digital	Internet Browser		Opera (not pre-installed)	
Demo Mode	Yes	Live Football Mode		Yes	
Hotel Mode Menu	Yes	Other Network Features		Content Bar: Yes Genre Categories (Content Bar): Yes (depend on countries) Related Info: Yes (US / Canada / MX(STB))	
<b>Inputs and Outputs</b>		Photo Sharing Plus / Photo Share		Yes	
4K 60P High-Quality formats	Up to 18Gbps:4K 60p 4:4:4(8bit), 4:2:2(8,10,12bit), 4:2:0(8,10bit) HDR included for HDMI 2/3	Screen mirroring(Miracast™)		Yes	
AC Power Input	AC Adapter	Social Viewing		Yes	
Analog Audio Input(s) (Total)	2 (1 Side Analog Conversion / Rear Hybrid w/Component)	Trending on Twitter		Yes (only US)	
Audio / Headphone Output(s)	1 (Side/Hybrid w/HP and Subwoofer Out)	TV SideView™		Yes	
Bluetooth profile support	Version 4.1/ HID/HOGP/ SPP/A2DP(via firmware update)/AVRCP(via firmware update)	Wi-Fi Certified		Yes	
Component Video (Y/ Pb/Pr) Input(s)	1 (Rear Hybrid w/ Composite)	Wi-Fi Direct		Yes	
Composite Video Input(s)	2 (1 Side Analog Conversion / 1 Rear Hybrid w/Component)	Wi-Fi Frequency		2.4GHz /5GHz	
Digital Audio Output(s)	1 (rear)	Wi-Fi Standard		a/b/g/n/ac	
Ethernet Connection(s)	1 (Side)	Wireless LAN		Integrated	
HDCP	HDCP2.2 (for HDMI1/2/3/4)	<b>Power</b>			
HDMI inputs total	4 (3 Side/1 Rear)	Annual Power Consumption		135 kWh/Year	
HDMI PC Input Format	640 x 480@60Hz 800 x 600@60Hz 1024 x 768@60Hz 1280 x 1024@60Hz 1600 x 900@60Hz 1152 x 864@75Hz 1680 x 1050@60Hz 1920 x 1080@60Hz	Power Consumption (in Operation)		155W	
		Power Consumption (in Standby)		0.5W	
		Power Requirements (voltage)		AC 110-240V, 50/60Hz (USA / Canada AC 120V, 60Hz) DC 19.5V	
<b>Regulation and Standards Compliance</b>					
VESA® Hole Pitch		7 7/8 x 7 7/8 inch (200 x 200 mm)			
VESA® Hole Spacing Compatible		Yes			
<b>Sensing Features</b>					
LightSensor™ Technology		Yes			
<b>Service and Warranty Information</b>					
Limited Warranty Term		12 months			
<b>TV System</b>					
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 6.0, Marshmallow			
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			
<b>Video Features</b>					
24p True Cinema		Yes			
4:3 Default		Yes			
4K Processor		X1			
Auto Wide		Yes			
Blinking Type		Line Blinking			
HDR (High Dynamic Range) compatibility		Yes			
Live Color™ Technology		Yes			
Mastered in 4K		Yes			
Motionflow™ XR Technology		Motionflow XR			
Panel Refresh Rate (Native Hertz)		120Hz			
PhotoTV HD		Yes			
Picture Modes					

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Wide Mode	Wide / Normal / Full / Zoombr Normal / Full1 / Full2 for PC
<b>Weights and Measurements</b>	
Dimensions (Approx.)	TV only: 43 1/8 x 24 7/8 x 2 1/2 inch (1093 x 631 x 62 mm) TV with stand: 43 1/8 x 27 x 9 3/8 inch (1093 x 685 x 236 mm) Stand Width: 20 5/8 inch (521 mm) AC Cable Length: 500 mm
Weight (Approx.)	TV only: TV with stand:
<b>Accessories</b>	
Supplied Accessories	Voice Remote Control (RMF-TX200U) Batteries (R03) AC Power Adaptor (ACDP-200D02) AC Power Cord Spec (US, 2pin, C7, flat blades) IR Blaster (1-849-161-12) Operating Instructions Quick Setup Guide / Supplement CUE (GA) Table Top Stand (Separate, assemble required)

1. 3,840 x 2,160 pixels.

2. Compared to standard LED HDTVs.

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

6. Service not available in all areas. See [www.psvue.com](http://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.

7. Google Home device not included, must purchase separately.

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