

SONY

XBR-49X900E

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

Enjoy 4K¹ HDR entertainment on our X900E with Android™ TV³. With a full-array backlight and five times the dynamic range², 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 quality¹.



Bullets

- 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 5x²
- 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

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 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 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.

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 range² 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 instant³. 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 clarity¹. 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 entry³

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 control³

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.

A masterpiece of design

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

Specifications

Audio					
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	Yes	
Speaker Configuration	2ch, Full Range (25 x 90 mm) x 2	Simulated Surround Sound	S-Force Front Surround		
Speaker Position	Down Firing	S-Master	S-Master Digital Amplifier		
Speaker Type	Bass Reflex	Sound Modes	Standard, Cinema, Live Football, Music		USB drive format support
Audio Features		Convenience Features		USB playback codecs	
Advanced Auto Volume	Yes	Application Store	Yes (Google Play Store)		MPEG1:MPEG1 / MPEG2PS:MPEG2/
Alternate Audio (Digital)	Yes	Auto Picture Mode	Yes		Voice Search
ARC Output Format	Two channel linear PCM: 48kHz 16bits, Dolby Digital, Dolby Digital Plus, DTS	Auto Shut-off	Yes		Customizing Capability
Audio Out	Fixed / Variable	Channel Block (with password)	Analog & Digital		RS-232C Control
Auto Surround	Yes	Google Cast™	Yes		Design Features
Clear Audio+	Yes	HDMI-CEC	Yes		Cable Management
Clear Phase	Yes	i-Manual	Yes		Frame color
Dolby audio format support	Dolby Digital, Dolby Digital Plus, Dolby Pulse	Multiple Language Display	English, Spanish, French		Illumination LED
DTS audio format support	DTS Digital Surround	On-Screen Clock	Yes		Stand Design
HDMI Audio Return Channel(ARC)	Yes	Parental Control	Yes		Display Features
		Show/Hide Channels	Yes (Digital & Analog)		Backlight dimming type
		Sleep Timer	Yes		Backlight Type
				Display type	
				X-tended Dynamic Range PRO/ X-tended Dynamic Range	
				X-tended Dynamic Range PRO	

Display		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	Power Consumption (in Standby) 0.5W			
Aspect Ratio	16:9			Power Requirements (voltage) AC 110-240V, 50/60Hz (USA / Canada AC 120V, 60Hz) DC 19.5V		
Display Resolution	QFHD					
Display resolution (H x V, pixels)	3840x2160					
Screen Size (cm, measured diagonally)	123.2 cm					
Screen Size (inch, measured diagonally)	49" (48.5")					
Viewing Angle (Right/Left)	178(89/89) degree					
Viewing Angle (Up/Down)	178(89/89) degree					
Energy Saving & Efficiency					Network Features 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	Regulation and Standards Compliance VESA® Hole Pitch 7 7/8 x 7 7/8 inch (200 x 200 mm)
Dynamic Backlight Control	Yes					
Power Saving Modes	Yes					
General Features		Sensing Features LightSensor™ Technology Yes	Service and Warranty Information Limited Warranty Term 12 months			
Closed Captions (CC)	Analog Digital					
Demo Mode	Yes					
Hotel Mode Menu	Yes					
Inputs and Outputs				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 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		
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					
AC Power Input	AC Adapter					
Analog Audio Input(s) (Total)	2 (1 Side Analog Conversion / Rear Hybrid w/Component)					
Audio / Headphone Output(s)	1 (Side/Hybrid w/HP and Subwoofer Out)					
Bluetooth profile support	Version 4.1/ HID/HOGP/ SPP/A2DP(via firmware update)/AVRCP(via firmware update)					
Component Video (Y/ Pb/Pr) Input(s)	1 (Rear Hybrid w/ Composite)					
Composite Video Input(s)	2 (1 Side Analog Conversion / 1 Rear Hybrid w/Component)					
Digital Audio Output(s)	1 (rear)					
Ethernet Connection(s)	1 (Side)					
HDCP	HDCP2.2 (for HDMI1/2/3/4)					
HDMI inputs total	4 (3 Side/1 Rear)					
HDMI PC Input Format	640 x 480@60Hz	Power Annual Power Consumption 135 kWh/Year Power Consumption (in Operation) 155W	Video Features CineMotion/Film Mode/Cinema Drive Yes 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			
	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						

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Picture Modes	
Wide Mode	Wide / Normal / Full / Zoombr Normal / Full1 / Full2 for PC
Weights and Measurements	
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: 27.8 lb (12.6 Kg) TV with stand: 30.4 lb (13.8 Kg)
Accessories	
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 802.11n home network (802.11ac 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 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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