

SONY

XBR-65X900E

65" class (64.5" 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	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
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		
Audio Features		Convenience Features		USB drive format support		
Advanced Auto Volume	Yes	Application Store	Yes (Google Play Store)	Yes (Supported File System: FAT16/ FAT32/ exFAT/ NTFS)		
Alternate Audio (Digital)	Yes	Auto Picture Mode	Yes	USB playback codecs		
ARC Output Format	Two channel linear PCM: 48kHz 16bits, Dolby Digital, Dolby Digital Plus, DTS	Auto Shut-off	Yes	MPEG1:MPEG1 / MPEG2PS:MPEG2/		
Audio Out	Fixed / Variable	Channel Block (with password)	Analog & Digital	Voice Search		
Auto Surround	Yes	Google Cast™	Yes	Yes		
Clear Audio+	Yes	HDMI-CEC	Yes	Customizing Capability		
Clear Phase	Yes	i-Manual	Yes	RS-232C Control		
Dolby audio format support	Dolby Digital, Dolby Digital Plus, Dolby Pulse	Multiple Language Display	English, Spanish, French	Yes		
DTS audio format support	DTS Digital Surround	On-Screen Clock	Yes	Design Features		
HDMI Audio Return Channel(ARC)	Yes	Parental Control	Yes	Cable Management		
		Show/Hide Channels	Yes (Digital & Analog)	Yes		
		Sleep Timer	Yes	Frame color		
				Black		
				Illumination LED		
				Yes		
				Stand Design		
				Dark Silver Slate		
				Display Features		
				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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Display								
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		Power Consumption (in Standby)	0.5W		
Display Resolution	QFHD		Headphone Output(s)	1 (Rear / Hybrid w/Audio Out and Subwoofer Out)		Power Requirements (voltage)	AC 110-240V, 50/60Hz (USA / Canada AC 120V, 60Hz) DC 24V	
Display resolution (H x V, pixels)	3840x2160		RF Connection Input(s)	1(Side)				
Screen Size (cm, measured diagonally)	163.9 cm		RS-232C Input(s)	1 (Rear/Mini Jack)				
Screen Size (inch, measured diagonally)	65" (64.5")		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	Network Features						
Energy Saving & Efficiency		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			
Dynamic Backlight Control	Yes		Electronic Program Guide (EPG)	Yes		VESA® Hole Pitch	11 7/8 x 11 7/8 inch (300 x 300 mm)	
Power Saving Modes	Yes		Featured (Content Bar)	Yes		VESA® Hole Spacing Compatible	Yes	
General Features		Home Network Feature	Home Network Client / Home Network Renderer		Sensing Features			
Closed Captions (CC)	Analog Digital	Internet Browser	Opera (not pre-installed)		LightSensor™ Technology		Yes	
Demo Mode	Yes	Live Football Mode	Yes		Service and Warranty Information			
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))		Limited Warranty Term		12 months	
Inputs and Outputs		Photo Sharing Plus / Photo Share	Yes		TV System			
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		Channel Coverage (Analog)		VHF: 2-13/UHF: 14-69 / CATV: 1-135	
AC Power Input	AC Adapter	Social Viewing	Yes		Color Space		sRGB/	
Analog Audio Input(s) (Total)	2 (1 Side Analog Conversion / Rear Hybrid w/Component)	Trending on Twitter	Yes (only US)		Color System		NTSC	
Audio / Headphone Output(s)	1 (Side/Hybrid w/HP and Subwoofer Out)	TV SideView™	Yes		Number of Tuners (Terrestrial/Cable)		1 (Digital / Analog)	
Bluetooth profile support	Version 4.1 / HID/HOGP / SPP/A2DP(via firmware update)/AVRCP(via firmware update)	Wi-Fi Certified	Yes		On-board Storage (GB)		16GB	
Component Video (Y/Pb/Pr) Input(s)	1 (Rear Hybrid w/Composite)	Wi-Fi Direct	Yes		OS		Android 6.0, Marshmallow	
Composite Video Input(s)	2 (1 Side Analog Conversion / 1 Rear Hybrid w/Component)	Wi-Fi Frequency	2.4GHz /5GHz		Tuner Channel Coverage (Digital Cable)		CATV: 1-135	
Digital Audio Output(s)	1 (rear)	Wi-Fi Standard	a/b/g/n/ac		Tuner Channel Coverage (Digital Terrestrial)		VHF: 2-13/UHF: 14-69	
Ethernet Connection(s)	1 (Side)	Wireless LAN	Integrated		TV System (Analog)		M	
HDCP	HDCP2.2 (for HDMI1/2/3/4)	Power				TV System (Digital Cable)		Clear QAM
HDMI inputs total	4 (3 Side/1 Rear)	Annual Power Consumption	172 kWh/Year		TV System (Digital Terrestrial)		ATSC	
HDMI PC Input Format	640 x 480@60Hz	Power Consumption (in Operation)	212W		Video Features			
	800 x 600@60Hz				24p True Cinema		Yes	
	1024 x 768@60Hz				4:3 Default		Yes	
	1280 x 1024@60Hz				4K Processor		X1	
	1600 x 900@60Hz				Auto Wide		Yes	
1152 x 864@75Hz					Blinking Type		Line Blinking	
1680 x 1050@60Hz					HDR (High Dynamic Range) compatibility		Yes	
1920 x 1080@60Hz					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
Weights and Measurements	
Dimensions (Approx.)	TV only: 57 x 32 3/4 x 2 3/8 inch (1447 x 830 x 60 mm) TV with stand: 57 x 35 1/4 x 10 1/4 inch (1447 x 895 x 259 mm) Stand Width: 19 3/4 inch (500 mm) AC Cable Length: 2000 mm
Packaging (Approx.)	Carton: 61 1/4 x 37 5/8 x 7 5/8 inch (1553 x 955 x 191 mm)
Weight (Approx.)	TV only: 48.5 lb (22 Kg) TV with stand: 51.2 lb (23.2 Kg)
Accessories	
Supplied Accessories	Voice Remote Control (RMF-TX200U) Batteries (R03) AC Power Adaptor (ACDP-240E02) AC Power Cord Spec (US, 2pin, C17, flat blades, Polarity) 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 (802.11n 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 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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