SONY

XBR-75X940E

75" class (74.5" diag) 4K HDR Ultra HD TV

Enjoy 4K[1] HDR entertainment on our X940E with Android™ TV[3]. With a full-array backlight and ten times the dynamic range[2], this television offers precision contrast in an ultra-thin design. And with the incredible performance of the 4K HDR Processor X1 Extreme, everything you watch is improved to near 4K HDR quality

Bullets

- The dramatic contrast, color and detail of 4K HDR
- Everything you watch looks like 4K HDR with the new 4K HDR Processor X1 Extreme
- Ten times the brightness range with X-tended Dynamic Range™ PRO 10x[2]
- Precision Full-array dimming and boosting backlight
- 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 & Dual Database Processing provides lifelike detail and clarity
- Live TV streaming, no annual contract with PlayStation™ Vue
- Front-face 3 way speakers for impactful sound

Features

Uncover the detail with 4K HDR

High Dynamic Range (HDR) will change the way you look at TV. Combined with 4K Ultra HD resolution[1], 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.

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]. 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.

Precision Full-array boosting and dimming

With our full-array local dimming technology, you get precision contrast and incredible brightness in a stunningly slim design. Add in X-tended Dynamic Range™ PRO 10x and enjoy ten times the brightness range[2] of a conventional LED-edge lit TV by precisely balancing the light output across the screen. When combined with HDR video, X-tended Dynamic Range PRO 10x 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

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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[3]. 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.

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[1]. Every single pixel is enhanced beautifully by the powerful 4K HDR Processor X1 Extreme.

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.

Discrete, clear, and impactful sound

Feel more of the moment with dynamic, immersive sound. This front-facing speaker projects voices and dialogue with more clarity than conventional downward firing speakers.

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

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[3]

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[3].

Flush Swivel Mount

The optional accessory flush swivel bracket gives easy access to ports and connections, while allowing the TV to sit flush to the wall.

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	ARC Output Format	Two channel linear PCM: 48kHz 16bits, Dolby Digital, Dolby Digital Plus, DTS	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
DSEE/DSEE-HX	DSEE	Audio Out	Fixed / Variable		
Speaker Configuration	2ch, Three Way Multi-amplifier connections, Tweeter (30 mm) x 2, Mid Range (30 x 90 mm) x 2, Woofer (70 mm) x 2	Auto Surround	Yes	Headphone/Speaker Link	Yes
		Clear Audio+	Yes	Simulated Surround Sound	S-Force Front Surround
		Clear Phase	Yes	S-Master	S-Master Digital Amplifier
Speaker Position	Bottom	Digital audio out (Optical) format	Two channel linear PCM: 48kHz 16bits, Dolby Digital, DTS	Sound Modes	Standard, Cinema, Live Football, Music
Speaker Type	Front-face 3 way Speaker (Tweeter / Mid Range / Woofer)				
Audio Features		Dolby audio format support	Dolby Digital, Dolby Digital Plus, Dolby Pulse	**Convenience Features**	
Advanced Auto Volume	Yes	DTS audio format support	DTS Digital Surround	Application Store	Yes (Google Play Store)
				Auto Picture Mode	Yes
Alternate Audio (Digital)	Yes	HDMI Audio Return Channel(ARC)	Yes	Auto Shut-off	Yes

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Channel Block (with password)	Yes (Digital & Analog)	Display resolution (H x V, pixels)	3840x2160	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
Google Cast™	Yes	Screen Size (cm, measured diagonally)	189.3 cm		
HDMI-CEC	Yes				
i-Manual	Yes	Screen Size (inch, measured diagonally)	75" (74.5")	Headphone Output(s)	1 (Side / Hybrid w/Audio Out and Subwoofer Out)
Multiple Language Display	English, Spanish, French	Viewing Angle (Right/ Left)	178 (89/89) degree	RF Connection Input(s)	1 (Bottom) (Terrestrial/ Cable Connection)
On/Off Timer	Yes	Viewing Angle (Up/ Down)	178 (89/89) degree	RS-232C Input(s)	1 (Bottom/ Mini Jack)
On-Screen Clock	Yes			Subwoofer Out	1 (Side / Hybrid w/ HP and Audio Out)
Parental Control	Yes	**Energy Saving & Efficiency**			
Show/Hide Channels	Yes (Digital & Analog)	Backlight Off Mode	Yes	USB Port(s)	2 (Side), 1 (Bottom)
Sleep Timer	Yes	Dynamic Backlight Control	Yes	**Network Features**	
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	Power Saving Modes	Yes	Codec for Home Network	MPEG1: MPEG1/ MPEG2PS: MPEG2/ MPEG2TS (HDV,AVCHD): MPEG2, AVC/MP4(XAVC S): AVC, MPEG4, HEVC/ AVI: Xvid, MotinJpeg/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
		General Features			
		Closed Captions (CC)	Analog Digital		
		Demo Mode	Yes		
		Hotel Mode Menu	Yes		
USB drive format support	Yes (Supported File System: FAT16/ FAT32/ exFAT/ NTFS)	**Inputs and Outputs**			
USB playback codecs	MPEG1: MPEG1 / MPEG2PS: MPEG2 / MPEG2TS (HDV,AVCHD) : MPEG2 , AVC /MP4 (XAVC S) :AVC , MPEG4 , HEVC / AVI: Xvid , MotinJpeg / ASF (WMV) : VC1 / MOV : AVC , MPEG4 , MotionJpeg / MKV:Xvid , AVC , MPEG4 , VP8.HEVC / WEBM:VP8 / 3GPP: MPEG4 , AVC / MP3 / ASF (WMA) / WAV / MP4AAC / FLAC / JPEG	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	1 (Rear)	Featured (Content Bar)	Yes
		Analog Audio Input(s) (Total)	2 (1 Side Analog Conversion / 1 Side Hybrid w/Component)	Home Network Feature	Home Network Client / Home Network Renderer
				Internet Browser	Opera (not pre-Installed)
		Audio / Headphone Output(s)	1 (Side / Hybrid w / HP and Subwoofer Out)	Live Football Mode	Yes
		Bluetooth profile support	Version 4.1/ HID / HOGP/ SPP / A2DP(via firmware update) / AVRCP(via firmware update)	Other Network Features	Content Bar: Yes Genre Categories (Content Bar): Yes (depend on countries) Related Info: Yes (US / Canada / MX(STB))
Voice Search	Yes				
Customizing Capability					
RS-232C Control	Yes	Component Video (Y/ Pb/Pr) Input(s)	1 (Side Hybrid w/ Composite)		
Design Features		Composite Video Input(s)	2 (1 Side Analog Conversion / 1 Side Hybrid w/Component)	Photo Sharing Plus / Photo Share	Yes
Cable Management	Yes				
Frame color	Black			Screen mirroring(Miracast™)	Yes
Illumination LED	Yes	Digital Audio Output(s)	1 (Side)	Social Viewing	Yes
Stand Design	Dark Silver Slate	Ethernet Connection(s)	1 (Bottom)	Trending on Twitter	Yes (only US)
Display Features		HDCP	HDCP 2.2 (for HDMI1/2/3/4)	TV SideView™	Yes
Backlight dimming type	Local Dimming	HDMI inputs total	4 (1 Side / 3 Bottom)	Wi-Fi Certified	Yes
Backlight Type	Direct LED			Wi-Fi Direct	Yes
Display type	LCD	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	Wi-Fi Frequency	2.4GHz / 5GHz
TRILUMINOS Display	Yes			Wi-Fi Standard	a/b/g/n/ac
X-tended Dynamic Range PRO/ X-tended Dynamic Range	X-tended Dynamic Range PRO			Wireless LAN	Integrated
				Power	
Display				Annual Power Consumption	398 kWh/Year
Aspect Ratio	16:9			Power Consumption (in Operation)	482W
Clear Floating Panel	Yes			Power Consumption (in Standby)	0.5W
Display Resolution	QFHD				

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Power Requirements (frequency)	60Hz for UL cUL, 50/60Hz for other		HDR (High Dynamic Range) compatiblity	Yes	Optional Accessories	Wallmount Bracket (SU-WL830)
Power Requirements (voltage)	AC 120V for UL cUL AC 110-240V for other		Live Color™ Technology	Yes		

Regulation and Standards Compliance

VESA® Hole Pitch	15 3/4 x 11 7/8 inch (400 x 300 mm)		Mastered in 4K	Yes	
			Motionflow™ XR Technology	Motionflow XR	
VESA® Hole Spacing Compatible	Yes		Panel Refresh Rate (Native Hertz)	120Hz	

Sensing Features

LightSensor™ Technology	Yes		PhotoTV HD	Yes

Service and Warranty Information

Limited Warranty Term	12 months		Picture Modes	Vivid, Standard, Custom, Cinema Pro, Cinema Home, Sports, Animation, Photo-Vivid, Photo-Standard, Photo-Custom, Game, Graphics

TV System

Channel Coverage (Analog)	VHF: 2-13/UHF: 14-69/ CATV: 1-135		Video Processing	4K X-Reality Pro
Color Space	sRGB / BT709, BT2020, AdobeRGB, DCI		Wide Mode	Wide Zoom / Normal / Full / Zoombr Normal / Full1 / Full2 for PC
Color System	NTSC			

Weights and Measurements

Number of Tuners (Terrestrial/Cable)	1 (Digital / Analog)		Dimensions (Approx.)	Tv only: 65 7/8 x 37 7/8 x 2 1/2 inch (1673 x 962 x 62 mm)
On-board Storage (GB)	16GB			TV with stand: 65 7/8 x 40 7/8 x 12 7/8 inch (1673 x 1037 x 325 mm)
OS	Android 6.0, Marshmallow			Stand Width: 20 1/8 inch (510 mm)
Tuner Channel Coverage (Digital Cable)	CATV: 1-135			AC Cable Length: 1500 mm
Tuner Channel Coverage (Digital Terrestrial)	VHF: 2-13 / UHF: 14-69		Packaging (Approx.)	70 1/8 x 42 3/4 x 9 5/8 inch (1778 x 1085 x 243 mm)
TV System (Analog)	M		Weight (Approx.)	TV only: 94.3 lbs (42.8 kg)
TV System (Digital Cable)	Clear QAM			TV with stand: 104.9 lbs (47.6 kg)
TV System (Digital Terrestrial)	ATSC			Carton weight: 134.4 lb (61 kg)

Video Features

Accessories

CineMotion/Film Mode/Cinema Drive	Yes		Supplied Accessories	Voice Remote Control (RMF-TX200U)
Video Signal (analog)	1080p (60 Hz), 1080i (60 Hz), 720p (60 Hz), 480p, 480i			Batteries (R03)
				AC Power Cord Spec (Pig-tail US 2Pin (flat blades))
24p True Cinema	Yes			IR Blaster (1-849-161-12)
4:3 Default	Yes			Operating Instructions
4K Processor	X1 Extreme			Quick Setup Guide / Supplement CUE (GA)
Auto Wide	Yes			Table Top Stand (Separate, assembly required)
Blinking Type	Line Blinking			
Face Area Detection	Yes		**Optional Accessories**	

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

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