

# SONY

## XBR-75X940E

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

Enjoy 4K<sup>1</sup> HDR entertainment on our X940E with Android™ TV<sup>3</sup>. With a full-array backlight and ten times the dynamic range<sup>2</sup>, 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<sup>2</sup>
- 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<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.

#### 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<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.

#### 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<sup>2</sup> 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

# SONY

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.

## 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<sup>1</sup>. 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<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>.

## 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

<b>Audio</b>		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
Bass/Treble/Balance	Balance	Audio Out	Fixed / Variable	Headphone/Speaker Link	Yes
DSEE/DSEE-HX	DSEE	Auto Surround	Yes	Simulated Surround Sound	S-Force Front Surround
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	Clear Audio+	Yes	S-Master	S-Master Digital Amplifier
Speaker Position	Bottom	Clear Phase	Yes	Sound Modes	Standard, Cinema, Live Football, Music
Speaker Type	Front-face 3 way Speaker (Tweeter / Mid Range / Woofer)	Digital audio out (Optical) format	Two channel linear PCM: 48kHz 16bits, Dolby Digital, DTS	<b>Convenience Features</b>	
<b>Audio Features</b>		Dolby audio format support	Dolby Digital, Dolby Digital Plus, Dolby Pulse	Application Store	Yes (Google Play Store)
Advanced Auto Volume	Yes	DTS audio format support	DTS Digital Surround	Auto Picture Mode	Yes
Alternate Audio (Digital)	Yes	HDMI Audio Return Channel(ARC)	Yes	Auto Shut-off	Yes

# SONY

Channel Block (with password)	Yes (Digital & Analog)
Google Cast™	Yes
HDMI-CEC	Yes
i-Manual	Yes
Multiple Language Display	English, Spanish, French
On/Off Timer	Yes
On-Screen Clock	Yes
Parental Control	Yes
Show/Hide Channels	Yes (Digital & Analog)
Sleep Timer	Yes
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
USB drive format support	Yes (Supported File System: FAT16/ FAT32/ exFAT/ NTFS)
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
Voice Search	Yes
<b>Customizing Capability</b>	
RS-232C Control	Yes
<b>Design Features</b>	
Cable Management	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
TRILUMINOS Display	Yes
X-tended Dynamic Range PRO/ X-tended Dynamic Range	X-tended Dynamic Range PRO
<b>Display</b>	
Aspect Ratio	16:9
Clear Floating Panel	Yes
Display Resolution	QFHD

Display resolution (H x V, pixels)	3840x2160
Screen Size (cm, measured diagonally)	189.3 cm
Screen Size (inch, measured diagonally)	75" (74.5")
Viewing Angle (Right/ Left)	178 (89/89) degree
Viewing Angle (Up/ Down)	178 (89/89) degree
<b>Energy Saving &amp; Efficiency</b>	
Backlight Off Mode	Yes
Dynamic Backlight Control	Yes
Power Saving Modes	Yes
<b>General Features</b>	
Closed Captions (CC)	Analog Digital
Demo Mode	Yes
Hotel Mode Menu	Yes
<b>Inputs and Outputs</b>	
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)
Analog Audio Input(s) (Total)	2 (1 Side Analog Conversion / 1 Side 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 (Side Hybrid w/ Composite)
Composite Video Input(s)	2 (1 Side Analog Conversion / 1 Side Hybrid w/Component)
Digital Audio Output(s)	1 (Side)
Ethernet Connection(s)	1 (Bottom)
HDCP	HDCP 2.2 (for HDMI1/2/3/4)
HDMI inputs total	4 (1 Side / 3 Bottom)
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

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
Headphone Output(s)	1 (Side / Hybrid w/Audio Out and Subwoofer Out)
RF Connection Input(s)	1 (Bottom) (Terrestrial/ Cable Connection)
RS-232C Input(s)	1 (Bottom/ Mini Jack)
Subwoofer Out	1 (Side / Hybrid w/ HP and Audio Out)
USB Port(s)	2 (Side), 1 (Bottom)
<b>Network Features</b>	
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
Featured (Content Bar)	Yes
Home Network Feature	Home Network Client / Home Network Renderer
Internet Browser	Opera (not pre-installed)
Live Football Mode	Yes
Other Network Features	Content Bar: Yes Genre Categories (Content Bar): Yes (depend on countries) Related Info: Yes (US / Canada / MX(STB))
Photo Sharing Plus / Photo Share	Yes
Screen mirroring(Miracast™)	Yes
Social Viewing	Yes
Trending on Twitter	Yes (only US)
TV SideView™	Yes
Wi-Fi Certified	Yes
Wi-Fi Direct	Yes
Wi-Fi Frequency	2.4GHz / 5GHz
Wi-Fi Standard	a/b/g/n/ac
Wireless LAN	Integrated
<b>Power</b>	
Annual Power Consumption	398 kWh/Year
Power Consumption (in Operation)	482W
Power Consumption (in Standby)	0.5W

# SONY

Power Requirements (frequency)	60Hz for UL cUL, 50/60Hz for other	HDR (High Dynamic Range) compatibility	Yes	Optional Accessories	Wallmount Bracket (SU-WL830)
Power Requirements (voltage)	AC 120V for UL cUL AC 110-240V for other	Live Color™ Technology	Yes		
<b>Regulation and Standards Compliance</b>		Mastered in 4K	Yes		
VESA® Hole Pitch	15 3/4 x 11 7/8 inch (400 x 300 mm)	Motionflow™ XR Technology	Motionflow XR		
VESA® Hole Spacing Compatible	Yes	Panel Refresh Rate (Native Hertz)	120Hz		
<b>Sensing Features</b>		PhotoTV HD	Yes		
LightSensor™ Technology	Yes	Picture Modes	Vivid, Standard, Custom, Cinema Pro, Cinema Home, Sports, Animation, Photo-Vivid, Photo-Standard, Photo-Custom, Game, Graphics		
<b>Service and Warranty Information</b>		Video Processing	4K X-Reality Pro		
Limited Warranty Term	12 months	Wide Mode	Wide Zoom / Normal / Full / Zoombr Normal / Full1 / Full2 for PC		
<b>TV System</b>		<b>Weights and Measurements</b>			
Channel Coverage (Analog)	VHF: 2-13/UHF: 14-69/CATV: 1-135	Dimensions (Approx.)	TV only: 65 7/8 x 37 7/8 x 2 1/2 inch (1673 x 962 x 62 mm) TV with stand: 65 7/8 x 40 7/8 x 12 7/8 inch (1673 x 1037 x 325 mm) Stand Width: 20 1/8 inch (510 mm) AC Cable Length: 1500 mm		
Color Space	sRGB / BT709, BT2020, AdobeRGB, DCI	Packaging (Approx.)	70 1/8 x 42 3/4 x 9 5/8 inch (1778 x 1085 x 243 mm)		
Color System	NTSC	Weight (Approx.)	TV only: 94.3 lbs (42.8 kg) TV with stand: 104.9 lbs (47.6 kg) Carton weight: 134.4 lb (61 kg)		
Number of Tuners (Terrestrial/Cable)	1 (Digital / Analog)	<b>Accessories</b>			
On-board Storage (GB)	16GB	Supplied Accessories Voice Remote Control (RMF-TX200U) Batteries (R03) AC Power Cord Spec (Pig-tail US 2Pin (flat blades)) IR Blaster (1-849-161-12) Operating Instructions Quick Setup Guide / Supplement CUE (GA) Table Top Stand (Separate, assembly required)			
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>				<b>Optional Accessories</b>	
CineMotion/Film Mode/Cinema Drive	Yes				
Video Signal (analog)	1080p (60 Hz), 1080i (60 Hz), 720p (60 Hz), 480p, 480i				
24p True Cinema	Yes				
4:3 Default	Yes				
4K Processor	X1 Extreme				
Auto Wide	Yes				
Blinking Type	Line Blinking				
Face Area Detection	Yes				

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](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.

© 2017 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited

SonyX-Reality, Motionflow, TRILUMINOS, TV SideView, X-tended Dynamic Range and the Sony logo are trademarks of Sony Corporation. PlayStation Vue logo is a trademark of Sony Interactive Entertainment Inc. HDMI is a trademark of HDMI Licensing LLC. Android, Android TV, Google Cast, Google Play, Google, Google Home, YouTube and the Google logo are registered trademarks of Google Inc., used with permission. All other trademarks are trademarks of their respective owners. Features and specifications are subject to change without notice. /Updated: January 30, 2017