

# 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-Force Front Surround  |  |  |   |                            |
| Speaker Type                   | Bass Reflex  |                               | S-Master  |  |  |   |                            |
| <b>Audio Features</b>          |  | S-Master Digital Amplifier    |   | USB drive format support               | Yes (Supported File System: FAT16/ FAT32/ exFAT/ NTFS) |   |                            |
| Advanced Auto Volume           | Yes  | Sound Modes                   |   | Standard, Cinema, Live Football, Music | USB playback codecs                                    | MPEG1:MPEG1 / MPEG2PS:MPEG2/  |                            |
| Alternate Audio (Digital)      | Yes  | <b>Convenience Features</b>   |   |  |  | Voice Search  | Yes                        |
| ARC Output Format              | Two channel linear PCM: 48kHz 16bits, Dolby Digital, Dolby Digital Plus, DTS | Application Store             |   | Yes (Google Play Store)                |  | <b>Customizing Capability</b>   |                            |
| Audio Out                      | Fixed / Variable   | Auto Picture Mode             |   | Yes                                    |  | RS-232C Control   | Yes                        |
| Auto Surround                  | Yes  | Auto Shut-off                 |   | Yes                                    |  | <b>Design Features</b>  |                            |
| Clear Audio+                   | Yes  | Channel Block (with password) |   | Analog & Digital                       |  | Cable Management  | Yes                        |
| Clear Phase                    | Yes  | Google Cast™                  |   | Yes                                    |  | Frame color   | Black                      |
| Dolby audio format support     | Dolby Digital, Dolby Digital Plus, Dolby Pulse                               | HDMI-CEC                      |   | Yes                                    |  | Illumination LED  | Yes                        |
| DTS audio format support       | DTS Digital Surround   | i-Manual                      |   | Yes                                    |  | Stand Design  | Dark Silver Slate          |
| HDMI Audio Return Channel(ARC) | Yes  | Multiple Language Display     |   | English, Spanish, French               |  | <b>Display Features</b>   |                            |
|                                |  | On-Screen Clock               |   | Yes                                    |  | Backlight dimming type  | Local Dimming              |
|                                |  | Parental Control              |   | Yes                                    |  | Backlight Type  | Direct LED                 |
|                                |  | Show/Hide Channels            |   | Yes (Digital & Analog)                 |  | Display type  | LCD                        |
|                                |  | Sleep Timer                   |   | Yes                                    |  | 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<br>Genre Categories (Content Bar): Yes (depend on countries)<br>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<br>800 x 600@60Hz<br>1024 x 768@60Hz<br>1280 x 1024@60Hz<br>1600 x 900@60Hz<br>1152 x 864@75Hz<br>1680 x 1050@60Hz<br>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)<br>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>                        |   |                                   |  |   |  |
| 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                               |  |   |  |

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|---------------------------------|---|
| Picture Modes                   | Vivid, Standard, Custom, Cinema Pro, Cinema Home, Sports, Animation, Photo-Vivid, Photo-Standard, Photo-Custom, Game, Graphics  |
| 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)<br>Tv with stand: 43 1/8 x 27 x 9 3/8 inch (1093 x 685 x 236 mm)<br>Stand Width: 20 5/8 inch (521 mm)<br>AC Cable Length: 500 mm   |
| Weight (Approx.)                | TV only: 27.8 lb (12.6 Kg )<br>TV with stand: 30.4 lb (13.8 Kg)   |
| <b>Accessories</b>              |   |
| Supplied Accessories            | Voice Remote Control (RMF-TX200U)<br>Batteries (R03)<br>AC Power Adaptor (ACDP-200D02)<br>AC Power Cord Spec (US, 2pin, C7, flat blades)<br>IR Blaster (1-849-161-12)<br>Operating Instructions<br>Quick Setup Guide / Supplement CUE (GA)<br>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 (sold separately) compatible with Sony TV's powered by Android TV. Requires compatible devices connected to the same wireless home network. Download the Google Home app from the iPhone App Store or Google Play. Subject to third party app terms and conditions. User must link compatible devices in order to control operation. Once download is complete, the Google Home feature may be connected to the Sony device to access the voice control function.

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