

XBR-55X900A

Sony® 4K Ultra High Definition TV

Enhance the quality of everything you watch with a picture that's four times clearer than regular HD¹, plus more depth and shades of color than you've ever seen on a TV before. Add in 65 watts³ of powerful, cinematic sound plus Wi-Fi® connectivity and it's the highest resolution, most immersive experience we've ever created. See the world in 4K Ultra HD and never look back.



Bullets

- 4K Ultra HD – four times the clarity of Full HD 1080p¹
- Everything you watch is enhanced for 4K Ultra HD viewing^{1,2}
- More brilliant color than ever with TRILUMINOS display
- Front-facing speakers with 65 watts of powerful sound³
- Built-in Wi-Fi® for streaming HD entertainment⁵
- Dynamic Edge LED backlight for amazing contrast
- Experience precise motion clarity w/ Motionflow™ XR 960
- Your smartphone screen on TV w/ NFC screen mirroring⁴
- Movies, music & apps on Sony Entertainment Network⁵
- RS-232 and IR in for custom control installs
- Enjoy Full HD 3D with 4 pairs of passive glasses⁶
- SimulView™ technology presents twice the fun: 2 player games with no split screen.⁷
- TV SideView app to control your TV and channel guide⁸
- See more details in your DSLR photos (8MP+) with 4K resolution¹

Features

Clarity quadrupled

That's right—four times clearer than Full HD 1080p¹. Get acquainted with the highest resolution picture Sony has ever produced on a TV. With four times more resolution than Full HD, the 4K Ultra HD screen contains over 8 million individual pixels (3,840 x 2,160). Advanced picture processing ensures that every one of those pixels displays images with superb brightness and authentic detail.

Everything enhanced

Suddenly, everything looks better. Now even old movies and smartphone video clips are enhanced with stunning results. The new 4K X-Reality™ PRO chip enhances HD (or lower resolution) images by analyzing and refining images with beautifully natural detail and astounding color. The latest Reality Creation database and Super Resolution processing breathes new life into everything you see with phenomenal 4K (3,840 x 2,160) resolution².

More brilliant color than ever before

Spoil yourself with the widest color spectrum we've ever offered on a television. Unique to Sony, TRILUMINOS Display technology creates incredibly true, natural shades of colors— just the way you want them. Hard-to-reproduce reds, aqua blues and emerald greens are displayed beautifully, so landscapes and seascapes look more vivid. Faces look better, too, with natural skin tones. It's all thanks to a new TRILUMINOS display that gives images a heightened sense of depth.

Sound Innovation

These aren't the TV speakers you're used to. Unique to Sony TVs, Magnetic Fluid Speaker technology allows a thinner, more efficient loudspeaker that offers faithful reproduction of high-fidelity sound. The frontfacing speaker system directs sound right at you with 65 watts of power³. S-Force® Front Surround 3D simulates 5.1 sound, with an enlarged sweet spot that everyone in the room can enjoy.

The difference is dynamic.

It's all about perfecting a natural look. Dynamic Edge LED backlighting with local dimming delivers pitch-black night scenes and illuminates bright scenes. Rather than illuminating the entire screen, contrast is boosted in just the right areas for a more realistic picture.

Lifelike motion.

Watch the sprinter break off the blocks and race smoothly as the camera follows him from left to right. Even quick motion seen in action movies appears amazingly realistic as Motionflow™ XR 960 technology, which takes motion clarity beyond refresh rates, smoothes out the picture where the camera can't for clearer and more natural movement.

Your smartphone, now on TV

Movies, music and apps from your smartphone can now be viewed big on your TV. With three ways to connect Android phones and tablets to the X900, Sony is helping you add value to the entertainment you already own.

1. Using a Mobile High Definition Link cable, you can connect your smartphone to the TV to literally “mirror” what’s seen on the smartphone screen. Video, photos and apps are re-sized and scaled to fit the larger TV screen. You can then use the TV remote to navigate the phone, while it’s charging from the TV¹⁰.
2. Using screen mirroring technology, you can connect phones that are Miracast™ enabled to the TV¹¹.
3. Using One-touch mirroring with NFC technology, briefly place your compatible Xperia™ smartphone to the onetouch remote. You’ll instantly be able to view exactly what is on your smartphone’s screen on the TV⁴.

Go way beyond cable with builtin Wi-Fi®

Wirelessly stream beautiful, HD entertainment straight from the internet or your home network using built-in Wi-Fi® connectivity and open the door to the endless entertainment of the Sony Entertainment Network, where thousands of movies, TV shows, online videos, games and music are always at your fingertips. By connecting to the Internet you can access Full HD 1080p entertainment, 3D content and made-for-TV apps like Netflix®, Pandora®, YouTube™, Facebook® and more.⁵

Custom control installations.

RS-232C and IR-in for custom control installations.

3D immersion

There’s 3D, then there’s 3D with 4K (3,840 x 2,160). Life-like 3D images emerge from the 4K screen screen with realism that makes your heart race. The level of detail is absolutely stunning—it’s the closest thing to a 3D theater in your living room. Light, comfortable, passive 3D glasses offer superb image quality and a noticeable step above anything you’ve ever experienced at home.⁶

Twice the fun: 2 player games with no split screen

Say goodbye to split screen. Now you and a friend can both experience your own big-screen view of the action as you play nail-biting games on your PlayStation®3 system. SimulView™ gaming presents two separate Full HD pictures: each player watches independently through light easy to wear optional Simulview glasses that don’t need batteries.⁷ There’s already a growing choice of SimulView™ game titles available.

Control your TV with your smartphone or tablet

Get more from watching television with TV SideView. Control the TV or browse the channel guide with your smartphone, Xperia™ Tablet or other tablet device (Android or iOS), all without interfering with what you’re watching on the TV. Learn more about the show you’re watching right now, like cast and episode details. Search what’s available to watch on TV, internet videos and apps like Netflix®. Once you find what you want to watch, you can select to view it on the TV. Make TV viewing more social by Tweeting about the show from your mobile device⁸.

Photos are better with 4K.

See more details in your DSLR photos (8MP+) with 4K resolution (3,840 x 2,160). View, share and edit photo memories with PlayMemories Studio™ software and your PlayStation®3 system on the TV screen. Scroll effortlessly through your image collection. Pinpoint images by date and time, smiles or location. Everything’s smooth and speedy, thanks to the immense processing power of the PlayStation®3 system.⁹

Life-sized video calls.

It’s like they’re in the room with you. Skype® video calls bring your family and friends closer than ever as they appear as large as life on your big screen— for free.⁵ Just connect the easyto- use Skype camera (sold separately) for a face-to-face look at the caller on the beauty of your Sony HDTV.

Onboard manual.

You will never lose your TV manual again. The iManual is available through the menu system on the TV – always there if you need it.

Specifications

3D Features		Edit Channel Labels	Yes	Screen Size (cm)	138.8cm
3D	Passive	Info Banner	Yes	Screen Size (measured diagonally)	55"(54.6")
3D Format Support	Yes(2K-only)	Input Skip	Auto	Viewing Angle (Right/Left)	178(89/89)
3D Super-resolution	Yes	Label Inputs	Yes	Viewing Angle (Up/Down)	178(89/89)
Auto 3D Depth Adjustment	Yes	Multiple Language Display	English/Spanish /French	Energy Saving & Efficiency	
Simulated 3D	Yes	On/Off Timer	Yes	Backlight Off Mode	Yes
Audio		On-Screen Clock	Yes	Dynamic Backlight Control	Yes
Audio Power Output	12.5W+12.5W+20W+20W	On-Screen Display for External Input	Yes	General Features	
Speaker Configuration	2.2ch, Two way speaker(Tweeter(18mm)x2, Woofer(Magnetic Fluid Speaker, 80mm)x2) + Sub Woofer(70mm)x2	On-Screen Operating Instructions	Yes	Audio Return Channel	Yes
Speaker Position	Side	Panorama	Yes (2K only)	Closed Captions (CC)	Closed Caption
Audio Features		Parental Control	Yes	Demo Mode	Yes
5.1 Channel Audio Out	Yes	Picture Adjustments Lock	Yes	Finish (Surface Color)	Black
5.1ch Through Out (Handycam)	Yes	Picture Frame Mode	Yes	HDMI™ InstaPort	Yes
Advanced Auto Volume	Yes	Scene Select		Hotel Mode Menu	Yes
Alternate Audio (Digital)	Yes	Show/Hide Channels	Yes	Start Up Sony Logo Display	Yes
Audio Out	Fixed/Variable	Skin Naturalizer	Yes (2K only)	Inputs and Outputs	
Clear Phase Speaker	Yes	Sleep Timer	Yes	AC Power Input	1 (Rear)
Dolby®	Dolby Digital, Dolby Digital Plus, Dolby Pulse	Twin Picture	PAP(Variable)	Analog Audio Input(s) (Total)	2 (Rear)
Headphone/Speaker Link	Yes	USB Play	Yes (USB viewer supports FAT16, FAT32, exFAT and NTFS file systems.)	Audio Out	1 (Side/Hybrid w/HP)
Magnetic Fluid Speaker	Yes	USB Play (Contents)	MPEG1/ MPEG2PS/ MPEG2TS/ AVCHD/ MP4Part10/ MP4Part2/ AVI(XVID)/ AVI(MotinJpeg)/ MOV/ WMV/ MKV/ WEBM/ 3GPP/ MP3/ WMA/ WAV/ JPEG/ MPO	Component Video (Y/Pb/Pr) Input(s)	1 (Rear/Hybrid)
Signal-to-Sound Architecture	Yes	USB Super Multi-Format Play	Yes	Composite Video Input(s)	2 (1Rear/1Rear Hybrid w/Component)
Simulated Stereo	Yes	Illumination LED	Yes	Digital Audio Output(s)	1 (Rear)
S-Master	Yes	Sense of QUARTZ	Yes	Ethernet Connection(s)	1 (Vertical)
Sony Original Surround	S-Force Front Surround 3D	Design Features		HDMI™ Connection(s) (Total)	4
Sound Booster	Yes	Stand Design	Circle / Chrome Plating	HDMI™ PC Input	Yes
Sound Enhancer	Yes	Display Features		Headphone Output(s)	1 (Side/Hybrid w/Audio Out)
Sound Mode	Standard Cinema Sports Music Game Compressed Audio	Backlight Type	LED	MHL	Yes
Stereo System	MTS(AUTO SAP)	Dimming Type	Local Dimming	RF Connection Input(s)	1 (Bottom)
Convenience Features		Display Device	LCD	RS-232C Input(s)	1 (Side / Stereo Mini Jack)
Auto Photo Mode	Yes	OptiContrast Panel	Yes	USB 2.0	3port
Auto Shut-off	Yes	Triluminos Display	Yes	Network Features	
BRAVIA® Sync™	Yes	Display		BIVL (System)	Yes
Channel Block (with password)	Analog & Digital	Aspect Ratio	16:9	DLNA Content	MPEG1/ MPEG2PS/ MPEG2TS/ AVCHD/ MP4Part10/ MP4Part2/ AVI(XVID)/ AVI(MotinJpeg)/ MOV/ WMV/ MKV/ WEBM/ 3GPP/ MP3/ WMA/ LPCM/ JPEG/ MPO
Channel Jump	Yes	Display Resolution	4K(3840x2160)		
Channel Surf	Yes	Dynamic Contrast Ratio	over 1 million		

Fast Zapping	Yes
Google TV Sync	YES(US/CA/MX)
Internet_Browser	Yes(Opera)
One-touch mirroring	Yes
Opera Apps (System)	Yes
Related Search	Yes
Screen mirroring	Yes
Seamless Streaming	Yes
Skype™	Ready
Sony Entertainment Network	Yes
Text search	Yes
TV SideView™	Yes
TV Tweet	Yes
Wi-Fi Certified	Yes
Wi-Fi Direct	Yes
Wireless LAN	Integrated
X2 Widget (System)	Yes

Power

Power Consumption (in Operation) max.	268W
Power Consumption (in Standby)	0.20W
Power Requirements (frequency)	60Hz for UL cUL 50/60Hz for other
Power Requirements (voltage)	AC 120V for UL cUL AC 110-240V for other

Regulation and Standards Compliance

VESA® Hole Spacing Compatible	Yes
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Sensing Features

LightSensor™ Technology	Yes
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Service and Warranty Information

Limited Warranty Term	18 months
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TV System

Channel Coverage (Analog)	VHF: 2-13/UHF: 14-69/CATV: 1-135
Channel Coverage (Digital Cable)	CATV: 1-135
Channel Coverage (Digital Terrestrial)	VHF: 2-13/UHF: 14-69
Color System	NTSC
Number of Tuners (Terrestrial/Cable)	1(Digital/Analog)
TV System (Digital Cable)	Clear QAM
TV System (Digital Terrestrial)	ATSC

Video

Video Signal	3840x2160/24p 3840x2160/25p 3840x2160/30p 4096x2160/24p 1080/24p (HDMI only) 1080/60i 1080/60p(HDMI / Component) 480/60i 480/60p 720/60p 1080/30p (HDMI only) 720/30p (HDMI only) 720/24p (HDMI only)
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Video Features

24p True Cinema™ Technology	Yes
3D Comb Filter	Yes
4:3 Default	Yes
Advanced Contrast Enhancer (ACE)	Yes
Auto Wide	Yes
Blinking Type	Frame Blinking
CineMotion® Reverse 3:2 Pull-down Technology	Yes
Clear Mode	Yes
Deep Color	Yes
Face Area Detection	Yes (2K only)
Impulse Mode	Yes
Intelligent MPEG Noise Reduction	Yes (2K only)
Intelligent Picture Optimizer	Yes
Motionflow™ Technology	Motionflow XR 960
MPEG Noise Reduction	Yes
PhotoTV HD	Yes
Picture Mode	Vivid Standard Custom Photo-Vivid Photo-Standard Photo-Original Photo-Custom Cinema1 Cinema2 Game-Standard Game-Original Graphics Sports Animation
Portable Game Mode	Fine
Scene Optimized Energy Saving	Yes
SimulView™	Yes (TDG-SV5P required)
Super-resolution for Game Mode	Yes
Video Area Detection	Yes (2K only)
Video Processing	4K X-Reality PRO
Wide Mode	Full Normal Wide Zoom Zoom Caption Normal/ Full1/Full2 for PC

Weights and Measurements

Dimensions (Approx.)	TV Only: 57 5/8 x 29 1/2 x 4(2 3/8) inch (1463x749x100(58) mm) TV with Stand: 57 5/8 x 30 3/4 x 16 inch (1463x778x405 mm)
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Measurements (Approx.)

Package Carton (W x H x D)	1755 x849 x 222 mm/ 67 x 33 1/2 x 8 3/4 inches
TV only (W x H x D)	1463x749x100(58) mm / 57 5/8 x 29 1/2 x 4(2 3/8) inch
TV with Stand (W x H x D)	1463x778x405 mm / 57 5/8 x 30 3/4 x 16 inch

Supplied Accessories

3D Glasses	TDG-500P x4
AC Power Cord	US 2Pin (w Polarity), Pig-tail
Batteries	LR03+R03
One-touch Remote Control	RMF-YD001
Operating Instructions	US
Remote Control	RM-YD087
Screws	Yes
Table Top Stand	Separate (assembly required)

Optional Accessories

Optional Accessories	CMU-BR200
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1. Actual panel resolution of XBR X900A 4K Ultra HD TV is 3,840 x 2,160 pixels (in 16:9 aspect ratio). HDTVs have a panel resolution of 1,920 x 1080 pixels.
2. Simulated 4K image will vary based on source content.
3. 65 Watts total power (20+20+12.5+12.5)
4. Requires compatible Near Field Communication (NFC)-enabled Xperia™ smartphone. Certain formats are not supported.
5. Broadband speed of at least 2.5 Mbps recommended (10 Mbps for HD). Content subject to change and may require fees. Wireless connectivity requires 802.11 home network (802.11n recommended). Skype requires CMU-BR100 camera sold sep. Subject to Skype's terms and conditions.
6. Requires 3D content, 3D player and HDMI® cable (at least 10.2 Gbps) sold sep.
7. PS3 system and SimulView glasses sold sep.
8. Requires devices connected to the same wireless home network.
9. Requires PS3 system, PlayMemories Studio software and HDMI® cable (at least 10.2 Gbps) sold sep.
10. Requires Mobile High Definition Link-compatible smartphone to be connected to the TV with a Mobile High Definition Link cable, sold separately.
11. Requires smartphone with Wi-Fi® certified Miracast™ technology. Certain formats are not supported.

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