

SONY

XBR-55X900A

55" Class (54.6" diag) XBR 4K Ultra HD 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



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®⁵
- Feature films in true 4K resolution only from Sony⁹
- 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

Four times clearer than HD

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.

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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.

Movies in 4K Ultra HD

Get the most out of your 4K Ultra HD TV with feature films in true 4K resolution only from Sony. The 4K Media Player (sold separately) comes preloaded with 10 feature films and video shorts. Coming soon is the Sony 4K network video service offering access to a library of 4K movies and TV show titles⁹. As a special introductory offer when you are one of the first to purchase a Sony 4K Ultra HD TV (55X900A or 65X900A) you are also eligible to receive a \$200 voucher toward the purchase of the 4K Ultra HD Media Player when available.

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 X900A, 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 TV¹¹.
2. Using screen mirroring technology, you can connect phones that are Miracast™ enabled to the TV¹⁰.
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 screen 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.¹⁰

Life-sized video calls.

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

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Component Video (Y/Pb/Pr) Input(s)	1 (Rear/Hybrid)	VESA® Hole Spacing Compatible	Yes	Motionflow™ Technology	Motionflow XR 960	
Composite Video Input(s)	2 (1Rear/1Rear Hybrid w/ Component)	Sensing Features		MPEG Noise Reduction	Yes	
Digital Audio Output(s)	1(Rear)	LightSensor™ Technology	Yes	PhotoTV HD	Yes	
Ethernet Connection(s)	1 (Vertical)	Service and Warranty Information		Picture Mode	Vivid Standard Custom Photo-Vivid Photo-Standard Photo-Original Photo-Custom Cinema1 Cinema2 Game-Standard Game-Original Graphics Sports Animation	
HDMI™ Connection(s) (Total)	4	Limited Warranty Term			18 months	
HDMI™ PC Input	Yes	TV System				
Headphone Output(s)	1 (Side/Hybrid w/Audio Out)	Channel Coverage (Analog)	VHF: 2-13/UHF: 14-69/ CATV: 1-135			
MHL	Yes	Channel Coverage (Digital Cable)	CATV: 1-135			
RF Connection Input(s)	1 (Bottom)	Channel Coverage (Digital Terrestrial)	VHF: 2-13/UHF: 14-69			
RS-232C Input(s)	1 (Side / Stereo Mini Jack)	Color System	NTSC			
USB 2.0	3port	Number of Tuners (Terrestrial/Cable)	1(Digital/Analog)			
Network Features		TV System (Digital Cable)	Clear QAM			
BIVL (System)	Yes	TV System (Digital Terrestrial)	ATSC			
DLNA Content	MPEG1 / MPEG2PS/ MPEG2TS/ AVCHD/ MP4Part10/ MP4Part2/ AVI(XVID)/ AVI(MotinJpeg)/ MOV/ WMV/ MKV/ WEBM/ 3GPP/ MP3/ WMA/ LPCM/ JPEG/ MPO	Video		Wide Mode	Fine Normal PortableGame1 PortableGame2	
		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)			
					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 Pulldown 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					



Supplied Accessories	3D Glasses x 4 (TDG-500P) AC Power Cord (US 2Pin Pig Tail) Table Top Stand (assembly required) Operating Instructions (US) Warranty (18 months) One-Touch Remote Control (RM-YD001) Remote Control (RM-YD087) Screws Batteries (LR03+R03)			
	<table><tr><th colspan="2">Optional Accessories</th></tr><tr><td>Optional Accessories</td><td>CMU-BR200</td></tr></table>	Optional Accessories		Optional Accessories
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Optional Accessories	CMU-BR200			

- 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. The video quality may be degraded due to environmental interference.
- 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 or CMU-BR200 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. Ethernet connection required. Fees may apply for 4K networked video service.
- 10. Requires PS3 system, PlayMemories Studio™ software and HDMI® cable (at least 10.2 Gbps) sold sep.
- 11. Requires Mobile High Definition Link-compatible smartphone to be connected to the TV with a Mobile High Definition Link cable, sold separately.
- 12. Requires smartphone with Wi-Fi® certified Miracast™ technology. Certain formats are not supported. The video quality may be degraded due to environmental interference.

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