

SONY

XBR-55X850C

55" class (54.6" diag) 4K Ultra HD TV

Step up to four times more clarity than HD¹, expanded color and Android TV. Everything you watch—sports, TV shows, movies—is upscaled for 4K Ultra HD viewing². Even 4K streaming is enhanced to maximize picture quality. Android TV™ comes with Google Cast™, voice search and a huge collection of apps, games and content from Google Play™^{3,4}.



Bullets

- HD is upscaled to impressive 4K Ultra HD^{1,2}
- More color, depth and realism with TRILUMINOS + X1.
- Streaming 4K Ultra HD is enhanced for improved clarity^{2,3}
- Android TV with Google Cast™, voice search & Google Play™ apps^{3,4}
- HDR compatible for next-level color and contrast^{3,6}.
- Stream PS3™ games directly to your TV⁵
- Precise motion clarity with Motionflow™ XR 960
- Android™ gaming on the big screen³
- Just say what you want using voice search^{3,4}
- Personal recommendations from Google Play™³
- Skip the menu and access the top video services fast

Features

Leading 4K picture quality

Experience matters. Sony launched expanded color in 2013, expanded brightness range in 2014, and has been upscaling to 4K for over 10 years. As other manufacturers start implementing these capabilities, Sony takes another step forward improving color accuracy and clarity of HD and 4K video in the X850C.

See the difference experience makes.

More color, depth and realism

All the colors you dream of can now be seen on your Sony TV with TRILUMOS™ + X1 technology. Colors come alive on the screen in the widest color range ever, and dynamic color correction ensures colors are as consistent and accurate as possible every single time.

Upscale everything you watch to 4K Ultra HD

Whatever you're watching, watch it in 4K. All of your existing HD sports, TV shows and movies are upscaled to super clear 4K quality². Our most advanced 4K X-Reality™ PRO upscaling is developed from Sony's 10+ years of experience upscaling to 4K, exceeding all other TV brands.

A smarter TV

So much more than just 'Smart TV,' Android TV™ delivers great content, streaming apps and Android™ games to your TV. Voice search and personalized recommendations make for effortless entertainment^{3,4}.

Amazingly bright. Accurately dark.

A huge step forward in 4K Ultra HD picture quality, High Dynamic Range (HDR) reproduces a wider range of brightness levels than conventional video, bringing greater color and contrast to the screen^{3,6}. It's a picture that much closer to reality.

SONY

4K streaming at its best

For those who desire the best 4K streaming experience, Sony 4K TVs are specifically engineered to recognize and improve 4K streaming video².

4K Streaming services like Netflix[®] and Amazon Instant Video offer expansive libraries of movies and original TV series in 4K Ultra HD with ultimate convenience³.

More apps

The things you love doing on your tablet or smartphone can now be enjoyed on your TV. Log into your Google account once to access a huge collection of apps, games, movies, TV shows and more from Google Play^{™3,4}.

Just say what you want

Say "action movies" or "today's weather" and let Android TV do the work. Voice search helps you quickly find what you want. Simply speak into the One-Flick remote or your compatible mobile phone⁴.

Google Cast[™]

With Google Cast[™] built-in you can cast your favorite entertainment like HBO GO, Showtime Anytime, MLB.tv and more from your personal device to the big screen. You can cast from your Android phone or tablet, iPhone, iPad, Mac or Windows laptop or Chromebook⁴.

Your personalized TV

Personalized content recommendations from Google Play[™], YouTube and supported apps appear automatically in your home screen³.

Stream PS3[™] games directly to your TV⁵

Bring the immersive world of PlayStation[®] directly to your TV with PlayStation[™] Now. Play select PlayStation[®] 3 games like you stream TV shows and movies – streamed directly to your TV. Connect a DUALSHOCK[®] 4 controller to your TV and choose from a variety of game rental periods⁵. Service available starting summer 2015.

So much to see in 4K

Hundreds of movies and TV shows are available from the top 4K service providers, including Netflix, Amazon Instant Video, YouTube, DirecTV video on demand and more³.

One-flick remote

A faster way to what you want. One click opens a shortcut menu to your favorite TV channels and online videos from Netflix[®], YouTube[™], Amazon Instant Video and more³ – all without disrupting what you're already watching.

Control your TV with your smartphone or tablet

Choose the Android TV remote application or Sony's TV SideView[™] application. Either way, you'll have control with voice search, a keyboard and quick access buttons to the most popular apps⁴.

Clear movement

TV that keeps up with real life. Sony's refresh rate technology (Motionflow[™] XR 960) allows fast moving action sequences in sports and movies to be seen with lifelike clarity.

Specifications

3D Features		Speaker Type	Bass Reflex	Dolby [®]	Dolby Digital, Dolby Digital Plus, Dolby Pulse
3D	Active	Audio Features		Headphone/Speaker Link	Yes
3D Format Support	Yes (2K signal only)	5.1 Channel Audio Out	Yes	Signal-to-Sound Architecture	Yes
3D Super-resolution	Yes	Advanced Auto Volume	Yes	S-Master	S-Master Digital Amplifier
Audio		Alternate Audio (Digital)	Yes	Sony Original Surround	S-Force Front Surround
Audio Power Output	10W + 10W	Audio Out	Fixed / Variable	Sound Mode	Standard Cinema Live Football Music
Bass/Treble/Balance	Balance	Auto Mute (on no signal)	Yes		Stereo System
DSEE/DSEE-HX	DSEE	Auto Surround	Yes	Application Store	Yes (Google Play Store)
Speaker Configuration	2ch, Full Range (30 x 80 mm) x 2	Clear Phase	Yes		
Speaker Position	Down Firing	Digital Out Format	Dolby Digital, DTS, PCM		
Speakers (Total)	Bass Reflex				

SONY

Convenience Features		Aspect Ratio	16:9	MHL version	MHL 3 (for HDMI2)	
Auto Photo Mode	Yes	Display Resolution	QFHD	RF Connection Input(s)	1 (Bottom)	
Auto Shut-off	Yes	Number of pixels(H x V)	3840 x 2160	RS-232C Input(s)	1 (Bottom / Mini Jack)	
BRAVIA@ Sync™	Yes	Screen Size (cm)	138.8 cm	Subwoofer Out	1 (Side / Hybrid w/ HP and Audio Out)	
Channel Block (with password)	Analog & Digital	Screen Size (measured diagonally)	55"(54.6")	USB 2.0	3port	
Channel Jump	Yes	Viewing Angle (Right/Left)	(89/89) degree	Network Features		
Channel Surf	Yes	Viewing Angle (Up/Down)	(89/89) degree	Home Network	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI (MotionJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / LPCM / JPEG / FLAC	
Edit Channel Labels	Yes	Energy Saving & Efficiency				
Google Cast	Yes	Backlight Off Mode	Yes	Internet Browser	Yes (Opera)	
i-Manual	Yes	Dynamic Backlight Control	Yes	Internet EPG	Yes (US / Canada / Mexico)	
Info Banner	Yes	Power Saving Modes	Yes	Live Football Mode	Yes	
Input Language Display	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	General Features				
Label Inputs	Yes	ARC HDMI (Audio Return Channel)	Yes	Net AD	Yes (depends on ad provider on that region)	
Multiple Language Display	English Spanish French	Closed Captions (CC)	Analog Digital	One-Flick entertainment	Yes	
On/Off Timer	Yes	Demo Mode	Yes	One-touch mirroring	Yes	
On-Screen Clock	Yes	Finish (Surface Color)	Black	One-touch Set-up	Yes	
On-Screen Display for External Input	Yes	Hotel Mode Menu	Yes	Opera Apps (System)	Yes	
Parental Control	Yes	Inputs and Outputs				
Show/Hide Channels	Yes	AC Power Input	1 (Rear)	Photo Sharing Plus / Photo Share	Yes	
Sleep Timer	Yes	Analog Audio Input(s) (Total)	2 (Rear)	PS now	Yes (2015 May/E OTA)	
Twin Picture	Picture and Picture (2 size), Picture in Picture (coming 2015)	Audio Out	1 (Side / Hybrid w/ HP)	Related Search	Yes	
USB Play	Yes	Bluetooth	Version 4.1 HID / HOGP / 3DSP / SPP	Screen mirroring(Miracast)	Yes	
USB Play (Contents)	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI (MotionJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / WAV / FLAC / JPEG	Component Video (Y/Pb/Pr) Input(s)	1 (Rear / Hybrid)	Search	Yes (Android basic function)	
Voice Function	Yes	Composite Video Input(s)	2 (1 Rear / 1 Rear Hybrid w/ Component)	Social Apps	Social Viewing (Twitter) & Twitter Trending	
Customizing Capability		Digital Audio Output(s)	1 (Rear)	TV SideView™	Yes	
RS-232C Control	Yes	Ethernet Connection(s)	1 (Rear)	TV Tweet	Yes	
Illumination LED	Yes	HDCP	HDCP 2.2 (for HDMI1/2/3/4)	Wi-Fi Certified	Yes	
Design Features		HDMI PC Input Format	640x480@60Hz 800x600@60Hz 1280x768@60Hz-R 1280x768@60Hz 1360x768@60Hz 1024x768@60Hz 1280x1024@60Hz 1920x1080@60Hz 3840x2160@30Hz	Wi-Fi Direct	Yes	
Stand Design	Dark Chrome Mirror Flat shaft	HDMI Version	Up to 3Gbps: 4:2:0 (8bit) (for HDMI 1/2/3/4)	Wi-Fi Frequency	2.4GHz/5GHz	
Display Features		HDMI™ Connection(s) (Total)	4 (2 Side / 2 Bottom)	Wi-Fi Standard	a/b/g/n/ac	
Backlight Type	Edge LED	HDMI™ PC Input	Yes	Wireless LAN	Integrated	
Dimming Type	Frame Dimming	Headphone Output(s)	1 (Side / Hybrid w/ Audio Out)	Annual Power Consumption	178kWh/Year	
Display Device	LCD	MHL	Yes	Power		
Triluminos Display	Yes	Power Consumption (in Operation) max.				202W
Display		Power Consumption (in Standby)				0.5W
		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 Pitch				300x300 mm / 11 7/8 x 11 7/8 inch

SONY

VESA® Hole Spacing Compatible	Yes
Sensing Features	
LightSensor™ Technology	Yes
Service and Warranty Information	
Limited Warranty Term	12 months
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 Space	sRGB / BT709, BT2020, AdobeRGB, DCI
Color System	NTSC
Memory	16GB
Number of Tuners (Terrestrial/Cable)	1 (Digital / Analog)
OS	Android L
TV System (Analog)	M
TV System (Digital Cable)	Clear QAM
TV System (Digital Terrestrial)	ATSC
Video	
Video Signal	3840x2160/24p (HDMI only) 3840x2160/30p (HDMI only) *4096x2160/24p (display center 3840 area) YUV420 3840x2160/60p (HDMI only) *YUV420 4096x2160/60p (display center 3840 area) 1080/24p(HDMI only) 1080/60i (HDMI, Component) 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
4:3 Default	Yes

Advanced Contrast Enhancer (ACE)	Yes
Auto Wide	Yes
Blinking Type	Frame Blinking
CineMotion® Reverse 3:2 Pulldown Technology	Yes
Face Area Detection	Yes
Live Color™ Technology	Yes
Mastered in 4K	Yes
Motionflow™ Technology	Motionflow XR 960
PhotoTV HD	Yes
Picture Mode	Vivid Standard Custom Cinema Pro Cinema Home Sports Animation Photo-Vivid Photo-Standard Photo-Custom Game Graphics HDR-Video (OTA)
Video Processing	4K X-Reality Pro
Wide Mode	Full Normal Wide Zoom Zoom Normal / Full1 / Full2 for PC
X1	Yes
Weights and Measurements	
Dimensions (Approx.)	TV only: 48 3/4 x 28 1/2 x 2 3/8(13/16) in (1236 x 722 x 60(20.3) mm) TV with stand: 48 3/4 x 30 x 8 3/4 in (1236 x 759 x 222 mm)
Packaging (Approx.)	Carton dimensions: 52 3/8 x 33 x 6 3/4 in (1330 x 838 x 169 mm) Carton weight: 61.7lbs (28.0 kg)
Weight (Approx.)	TV only: 43.9 lbs (19.9 kg) TV with stand: 46.3 lbs (21 kg)
Accessories	

Supplied Accessories	Touchpad Remote Control (RMF-TX100U) Remote Control (RMT-TX100U) Batteries x 2 (R03) AC Power Cord (Pigtail) IR Blaster Screws Table Top Stand (Separate, assembly required) Quick Setup Guide / Supplement CUE (GA) Operating Instructions Warranty Card
Optional Accessories	
Optional Accessories	Wireless Subwoofer (SWF-BR100) MHL Cable (DLC-MC20) 4K Media Player (FMP-X10 (for USA only)) 3D Glasses (TDG-BT500A)

1. 3,840 x 2,160 pixels.

2. Upscaled, simulated and enhanced 4K images will vary based on source content.

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. PlayStation™ Now service requires DUALSHOCK®4 controller, sold separately, and 5Mbps Internet connection (5-12 Mbps recommended for the best quality experience). Additional purchases and registration required; service not available in all areas. See us.playstation.com/PlayStationNow for details.

6. Requires HDR compatible content from supported streaming services, such as Amazon Video.

© 2015 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited.

Sony, X-Reality, Motionflow, TRILUMINOS, TV SideView, and the Sony logo are trademarks of Sony Corporation. PS3, PlayStation Now, PlayStation and the PlayStation logo are trademarks of Sony Computer Entertainment Inc. HDMI is a trademark of HDMI Licensing LLC. Android, Android TV, Google Cast, Google Play, Google, 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: September 30, 2015