

# 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 viewing<sup>2</sup>. Even 4K streaming is enhanced to maximize picture quality. Android TV adds Google Cast™, voice search and a huge collection of apps, games and content from Google Play™<sup>3,4</sup>.



#### Bullets

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- HD is upscaled to impressive 4K Ultra HD<sup>1,2</sup>
- More colors come alive with TRILUMINOS™ display
- Streaming 4K Ultra HD is enhanced for improved clarity<sup>2,3</sup>
- Android TV with Google Cast™, voice search & Play Store apps<sup>3,4</sup>
- Stream PS3™ games directly to your TV<sup>5</sup>
- Precise motion clarity with Motionflow™ XR 960
- Android™ gaming on the big screen<sup>3</sup>
- Just say what you want using voice search<sup>3,4</sup>
- Personal recommendations from Google Play™<sup>3</sup>
- Skip the menu and access the top video services fast

#### Features

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##### 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.

##### Every color comes alive

All the colors you dream of can now be seen on your Sony TV with TRILUMOS™ Display, including hard-to-reproduce shades of red, green and aqua blue. 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 quality<sup>2</sup>. 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

The familiarity of Android™ comes to the biggest screen in your home, and it's so much more than just 'Smart TV.' It is apps, games, casting, voice search, and personalization powered by Android TV<sup>3,4</sup>.

##### 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 video<sup>2</sup>.

4K Streaming services like Netflix® and Amazon Instant Video offer expansive libraries of movies and original TV series in 4K Ultra HD with ultimate convenience<sup>3</sup>.

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## 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 and content from Google Play™<sup>3,4</sup>.

## 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 phone<sup>4</sup>.

## Google Cast™ ready

Google Cast™ is like having Chromecast built into the TV. Cast your favorite entertainment apps, including HBO GO, Showtime Anywhere, MLB.tv and more, from your Android or iOS device, Mac or Windows computer, or Chromebook to the TV<sup>4</sup>.

## Your personalized TV

Personalized content recommendations from Google Play™, YouTube and supported apps appear automatically in your home screen<sup>3</sup>.

## Stream PS3™ games directly to your TV<sup>5</sup>

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 periods<sup>5</sup>.

## 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 more<sup>3</sup>.

## 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 more<sup>3</sup> – 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 apps<sup>4</sup>.

## 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              |                                  | Digital Out Format           | Dolby Digital, DTS, PCM                        | Channel Block (with password)        | Analog & Digital             |
|--------------------------|----------------------------------|------------------------------|------------------------------------------------|--------------------------------------|------------------------------|
| 3D                       | Active                           | Dolby®                       | Dolby Digital, Dolby Digital Plus, Dolby Pulse | Channel Jump                         | Yes                          |
| 3D Format Support        | Yes (2K signal only)             | Headphone/Speaker Link       | Yes                                            | Channel Surf                         | Yes                          |
| 3D Super-resolution      | Yes                              | Signal-to-Sound Architecture | Yes                                            | Edit Channel Labels                  | Yes                          |
| Audio                    |                                  | S-Master                     | S-Master Digital Amplifier                     | Info Banner                          | Yes                          |
| Audio Power Output       | 10W + 10W                        | Sony Original Surround       | S-Force Front Surround                         | Label Inputs                         | Yes                          |
| Speaker Configuration    | 2ch, Full Range (30 x 80 mm) x 2 | Sound Mode                   | Standard                                       | Multiple Language Display            | English<br>Spanish<br>French |
| Speaker Position         | Down Firing                      |                              | Cinema                                         | On/Off Timer                         | Yes                          |
| Speakers (Total)         | Bass Reflex                      | Stereo System                | Live Football Music                            | On-Screen Clock                      | Yes                          |
| Audio Features           |                                  | Convenience Features         |                                                | On-Screen Display for External Input | Yes                          |
| 5.1 Channel Audio Out    | Yes                              | Auto Photo Mode              | Yes                                            | Parental Control                     | Yes                          |
| Advanced Auto Volume     | Yes                              | Auto Shut-off                | Yes                                            | Show/Hide Channels                   | Yes                          |
| Audio Out                | Fixed / Variable                 | BRAVIA® Sync™                | Yes                                            | Sleep Timer                          | Yes                          |
| Auto Mute (on no signal) | Yes                              |                              |                                                | Twin Picture                         | PAP (2 size) / PIP           |
| Clear Phase              | Yes                              |                              |                                                |                                      |                              |

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|                                       |                                                                                                                                                            |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USB Play                              | Yes                                                                                                                                                        |
| USB Play (Contents)                   | MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI(XVID) / AVI(MotionJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / WAV / JPEG / RAW(ARW) |
| <b>Customizing Capability</b>         |                                                                                                                                                            |
| RS-232C Control                       | Yes                                                                                                                                                        |
| Illumination LED                      | Yes                                                                                                                                                        |
| <b>Design Features</b>                |                                                                                                                                                            |
| Stand Design                          | Dark Chrome Mirror Flat shaft                                                                                                                              |
| <b>Display Features</b>               |                                                                                                                                                            |
| Backlight Type                        | Edge LED                                                                                                                                                   |
| Dimming Type                          | Frame Dimming                                                                                                                                              |
| Display Device                        | LCD                                                                                                                                                        |
| Triluminos Display                    | Yes                                                                                                                                                        |
| <b>Display</b>                        |                                                                                                                                                            |
| Aspect Ratio                          | 16:9                                                                                                                                                       |
| Display Resolution                    | QFHD                                                                                                                                                       |
| Screen Size (cm)                      | 138.8 cm                                                                                                                                                   |
| Screen Size (measured diagonally)     | 55"(54.6")                                                                                                                                                 |
| Viewing Angle (Right/Left)            | (89/89) degree                                                                                                                                             |
| Viewing Angle (Up/Down)               | (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>               |                                                                                                                                                            |
| ARC HDMI (Audio Return Channel)       | Yes                                                                                                                                                        |
| Closed Captions (CC)                  | Analog<br>Digital                                                                                                                                          |
| Demo Mode                             | Yes                                                                                                                                                        |
| Finish (Surface Color)                | Black                                                                                                                                                      |
| Hotel Mode Menu                       | Yes                                                                                                                                                        |
| <b>Inputs and Outputs</b>             |                                                                                                                                                            |
| AC Power Input                        | 1 (Rear)                                                                                                                                                   |
| Analog Audio Input(s) (Total)         | 2 (Rear)                                                                                                                                                   |
| Audio Out                             | 1 (Side / Hybrid w/ HP)                                                                                                                                    |
| Component Video (Y/Pb/Pr) Input(s)    | 1 (Rear / Hybrid)                                                                                                                                          |
| Composite Video Input(s)              | 2 (1 Rear / 1 Rear Hybrid w/ Component)                                                                                                                    |
| Digital Audio Output(s)               | 1 (Rear)                                                                                                                                                   |
| Ethernet Connection(s)                | 1 (Rear)                                                                                                                                                   |

|                                       |                                                                                                                                                          |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| HDCP                                  | HDCP 2.2 (for HDMI1/2/3/4)                                                                                                                               |
| HDMI PC Input Format                  | 640x480@60Hz<br>800x600@60Hz<br>1280x768@60Hz-R<br>1280x768@60Hz<br>1360x768@60Hz<br>1024x768@60Hz<br>1280x1024@60Hz<br>1920x1080@60Hz<br>3840x2160@30Hz |
| HDMI™ Connection(s) (Total)           | 4 (2 Side / 2 Bottom)                                                                                                                                    |
| HDMI™ PC Input                        | Yes                                                                                                                                                      |
| Headphone Output(s)                   | 1 (Side / Hybrid w/ Audio Out)                                                                                                                           |
| MHL                                   | Yes                                                                                                                                                      |
| MHL version                           | MHL 3 (for HDMI2)                                                                                                                                        |
| RF Connection Input(s)                | 1 (Bottom)                                                                                                                                               |
| RS-232C Input(s)                      | 1 (Bottom / Mini Jack)                                                                                                                                   |
| Subwoofer Out                         | 1 (Side / Hybrid w/ HP and Audio Out)                                                                                                                    |
| USB 2.0                               | 3port                                                                                                                                                    |
| <b>Network Features</b>               |                                                                                                                                                          |
| DLNA Content                          | MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI(XVID) / AVI(MotionJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / LPCM / JPEG / FLAC  |
| Internet Browser                      | Yes (Opera)                                                                                                                                              |
| Internet EPG                          | Yes                                                                                                                                                      |
| Net AD                                | Yes (depends on ad provider on that region)                                                                                                              |
| One-touch mirroring                   | Yes                                                                                                                                                      |
| Opera Apps (System)                   | Yes                                                                                                                                                      |
| Photo Sharing Plus / Photo Share      | Yes                                                                                                                                                      |
| Related Search                        | Yes                                                                                                                                                      |
| Screen mirroring(Miracast)            | Yes                                                                                                                                                      |
| Search                                | Yes (Android basic function)                                                                                                                             |
| TV SideView™                          | Yes                                                                                                                                                      |
| TV Tweet                              | 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>                          |                                                                                                                                                          |
| Power Consumption (in Operation) max. | 202W                                                                                                                                                     |
| 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                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Regulation and Standards Compliance</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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                                                                                                                                                                                                                                                                                                                                                                                               |
| 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 (Analog)                         | M                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| TV System (Digital Cable)                  | Clear QAM                                                                                                                                                                                                                                                                                                                                                                                                                          |
| TV System (Digital Terrestrial)            | ATSC                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Video</b>                               |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Video Signal                               | 3840x2160/24p (HDMI only)<br>3840x2160/30p (HDMI only)<br>*4096x2160/24p (display center 3840 area)<br>*4096x2160/30p (display center 3840 area)<br>YUV420 3840x2160/60p (HDMI only)<br>*YUV420 4096x2160/60p (display center 3840 area)<br>1080/24p(HDMI only)<br>1080/60i (HDMI, Component)<br>1080/60p (HDMI, Component)<br>480/60i<br>480/60p<br>720/60p<br>1080/30p (HDMI only)<br>720/30p (HDMI only)<br>720/24p (HDMI only) |
| <b>Video Features</b>                      |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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                                                                                                                                                                                                                                                                                  |
| Motionflow™ Technology                      | Motionflow XR 960                                                                                                                                                                                                                                                                    |
| PhotoTV HD                                  | Yes                                                                                                                                                                                                                                                                                  |
| Picture Mode                                | Vivid<br>Standard<br>Custom<br>Cinema Pro<br>Cinema Home<br>Sports<br>Animation<br>Photo-Vivid<br>Photo-Standard<br>Photo-Custom<br>Game<br>Graphics                                                                                                                                 |
| Video Processing                            | 4K X-Reality Pro                                                                                                                                                                                                                                                                     |
| Wide Mode                                   | Full<br>Normal<br>Wide Zoom<br>Zoom<br>Normal / Full1 / Full2 for PC                                                                                                                                                                                                                 |
| 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)<br>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)<br>Carton weight: 61.7lbs (28.0 kg)                                                                                                                                                                                  |
| Weight (Approx.)                            | TV only: 43.9 lbs (19.9 kg)<br>TV with stand: 46.3 lbs (21 kg)                                                                                                                                                                                                                       |
| Accessories                                 |                                                                                                                                                                                                                                                                                      |
| Supplied Accessories                        | Touchpad Remote Control (RMF-TX100U)<br>Remote Control (RMT-TX100U)<br>Batteries x 2 (R03)<br>AC Power Cord (Pigtail)<br>IR Blaster<br>Screws<br>Table Top Stand (Separate, assembly required)<br>Quick Setup Guide / Supplement CUE (GA)<br>Operating Instructions<br>Warranty Card |
|                                             | Optional Accessories                                                                                                                                                                                                                                                                 |
| Optional Accessories                        | Wireless Subwoofer (SWF-BR100)<br>MHL Cable (DLC-MC20)<br>4K Media Player (FMP-X10 (for USA only))<br>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](https://us.playstation.com/PlayStationNow) for details.

\* Use of this TV requires consent to Google Terms of Use and Privacy Policy.

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