

## XBR-85X850D/75X850D/65X850D/55X850D Series

85X850D - 85" class (84.5" diag) 4K HDR Ultra HDTV

75X850D - 75" class (74.5" diag) 4K HDR Ultra HDTV

65X850D - 65" class (64.5" diag) 4K HDR Ultra HD TV

55X850D - 55" class (54.6" diag) 4K HDR Ultra HD TV

Go beyond what you've seen before on our X850D with Android™ TV. Enjoy remarkable 4K<sup>1</sup> HDR clarity, color and contrast, enhanced by the brilliant color of the TRILUMINOS® display. With a sophisticated silver accent, the beautifully thin design looks as great as it entertains.



### Bullets

---

- The brilliant contrast, color and detail of 4K<sup>1</sup> HDR
- Colors come alive thanks to the TRILUMINOS® Display
- 4K magic added into every scene with the 4K Processor X1
- Lifelike motion with Motionflow™ XR 960
- Android™ TV with Google Cast™, voice search & Play Store apps<sup>2,3</sup>
- Silver accents add elegance to the thin design
- Just say what you want with Voice Search.
- Send entertainment from your smartphone to you TV with Google Cast™<sup>2,3</sup>
- Enjoy thousands of apps from Google Play™<sup>2,3</sup>
- Home automation controlled directly from your TV

### Features

---

#### 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.

#### More color, depth and realism.

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. When combined with HDR video, TRILUMINOS® Display further increases the color depth for noticeably brighter and more realistic colors.

#### Adding 4K magic into every scene

The 4K Processor X1 ensures everything you watch — movies, sports, and streaming video — looks the best it possibly can. Color, contrast and clarity are all optimized based on what you are watching.

#### Motionflow™ keeps the action smooth

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.

## **Every scene looks more realistic.**

Discover a thrilling world of extraordinary clarity. Every single pixel is enhanced beautifully by our most powerful 4K picture processing technology ever. Individual parts of each scene are analyzed and matched with a special image database that independently addresses texture, contrast, color, and edges. The difference is clear with supremely lifelike detail, no matter what you're watching.

## **Dramatic brightness and black levels.**

Thanks to Dynamic Contrast Enhancer, experience more life, more texture and more energy in every scene with brighter highlights, deeper blacks, and more natural tonal gradation.

## **Made to match your space**

The thin and beautiful design with a slim bezel with silver inlay takes cues from interior design, allowing it to maintain the harmony of your living room while still making a statement.

## **A world of possibilities**

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>2 3</sup>

## **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, allowing you to find content across different services without the hassle of time-consuming text entry.<sup>2 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>2 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>2 3</sup>

## **Smart home automation**

Beyond streaming content, Sony's Android™ TV platform allows Home Automation control directly from the TV, via the Logitech Harmony Hub. IoT (internet of things) devices such as lights, thermostats, Blu-ray™ players, security cameras other home entertainment devices can be controlled and automated via the push of a button on the TV's remote.

## **Find everything fast**

The unobtrusive content bar quickly lets you find the movie, TV show or video you're looking for. Call up the Content bar and you can keep watching, while you scan through live TV, videos on demand, downloaded TV shows and much more. You can even customize the content bar to show you the content you go to most often first.

## **Stream PlayStation® games straight to your TV**

Play selected PlayStation® 3 games directly through your TV — no console required. PlayStation™ Now brings streaming technology to the immersive world of PlayStation® gaming. Just pair a DUALSHOCK®4 controller with the TV and you're ready to play with the same speed and responsiveness as a console.

## **A masterpiece of design**

Keep wires out of sight, thanks to a hidden cable panel structure, for a clean look.

## General Specifications

| AUDIO                         |  |
|-------------------------------|--|
| Bass/Treble/Balance           | Balance  |
| DSEE/DSEE-HX                  | DSEE   |
| Speaker Configuration         | 85X850D — 2ch, Two way speaker [Tweeter (30 mm) + Woofer (40 x 100 mm)] x2 / 75X850D — 2.2ch, Main Speaker (20 x 100 mm) x 2, Woofer (60 mm) x 2 / 65X850D — 2ch, Full Range (25 x 90 mm) x 2 / 55X850D — 2ch, Full Range (25 x 90 mm) x 2 |
| Speaker Position              | Down Firing  |
| Speaker Type                  | 85X850D — Long Duct / 75X850D — Main: Bass Reflex, WF: Bass Reflex / 65X850D — Bass Reflex / 55X850D — Bass Reflex   |
| AUDIO FEATURES                |  |
| Advanced Auto Volume          | Yes  |
| Alternate Audio (Digital)     | Yes  |
| Audio Out                     | Fixed / Variable   |
| Auto Mute (on no signal)      | Yes  |
| Auto Surround                 | Yes  |
| Clear Audio+                  | Yes  |
| Clear Phase                   | Yes  |
| Digital Out Format            | Dolby Digital, DTS, PCM  |
| Dolby®                        | Dolby Digital, Dolby Digital Plus, Dolby Pulse   |
| Headphone/Speaker Link        | Yes  |
| S-Master                      | S-Master Digital Amplifier   |
| Sony Original Surround        | S-Force Front Surround   |
| Sound Mode                    | Standard<br>Cinema<br>Live Football<br>Music   |
| Application Store             | Yes  |
| CONVENIENCE FEATURES          |  |
| Auto Photo Mode               | Yes  |
| Auto Shut-off                 | Yes  |
| BRAVIA® Sync™                 | Yes (including HDMI-CEC)   |
| Channel Block (with password) | Analog & Digital   |
| Google Cast                   | Yes  |
| I-Manual                      | 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  |
| Multiple Language Display     | English<br>Spanish<br>French   |
| On/Off Timer                  | Yes  |
| On-Screen Clock               | Yes  |
| Parental Control              | Yes  |
| Show/Hide Channels            | Yes (Digital & Analog)   |
| Sleep Timer                   | Yes  |
| USB Play                      | Yes  |

|                                       |   |
|---------------------------------------|---|
| USB Play (Contents)                   | MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI (MotionJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / WAV / FLAC / JPEG |
| Voice Function                        | Yes   |
| <b>CUSTOMIZING CAPABILITY</b>         |   |
| RS-232C Control                       | Yes   |
| Illumination LED                      | Yes   |
| <b>DESIGN FEATURES</b>                |   |
| Stand Design                          | Silver Slate  |
| <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  |
| Number of pixels(H x V)               | 3840 x 2160   |
| Screen Size (cm)                      | 85X850D — 214.8 cm / 75X850D — 189.3 cm / 65X850D — 163.9 cm / 55X850D — 138.8 cm   |
| Screen Size (measured diagonally)     | 85X850D — 85" (84.6") / 900C — 75" (74.5") and 65" (64.5") — 55" (54.6")  |
| Viewing Angle (Right/Left)            | 178 (89/89) degree  |
| Viewing Angle (Up/Down)               | 178 (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>               |   |
| Closed Captions (CC)                  | Analog<br>Digital   |
| Demo Mode                             | Yes   |
| Hotel Mode Menu                       | Yes   |
| <b>INPUTS &amp; OUTPUTS</b>           |   |
| AC Power Input                        | 85X850D — 1 (Rear) / 75X850D — 1 (Rear) / 65X850D — 1 (Rear) / 55X850D — AC Adapter   |
| Analog Audio Input(s) (Total)         | 2 (Rear)  |
| Audio Out                             | 1 (Side / Hybrid with HP and Subwoofer Out)   |
| Bluetooth                             | Version 4.1 HID / HOGP / 3DSP / SPP   |
| Component Video (Y/Pb/Pr) Input(s)    | 1 (Rear)  |
| Composite Video Input(s)              | 2 (1 Rear / 1 Rear Hybrid with Component)   |
| Digital Audio Output(s)               | 85X850D — 1 (Rear) / 75X850D — 1 (Rear) / 65X850D — 1 (Rear) / 55X850D — 1 (Side)   |
| Ethernet Connection(s)                | 1 (Side)  |
| HDCP                                  | HDCP 2.2 (for HDMI 1/2/3/4)   |

|                                       |   |
|---------------------------------------|---|
| 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<br>3840 x 2160@30Hz         |
| 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  |
| HDMI Version                          | Up to 18Gbps (for HDMI 1/2/3/4)   |
| HDMI™ Connection(s) (Total)           | 85X850D — 4 (outside1, center3) / 75X850D — 4 (outside1, center3) / 65X850D — 4 (side3, rear1) / 55X850D — 4 (side3, rear1)   |
| Headphone Output(s)                   | 1 (Side / Hybrid w/HP and Subwoofer Out)  |
| RF Connection Input(s)                | 1 (Side)  |
| RS-232C Input(s)                      | 85X850D — 1 (Side/ Mini Jack) / 75X850D — 1 (Side/ Mini Jack) / 65X850D — 1 (Rear/ Mini Jack) / 55X850D — 1 (Rear/ Mini Jack)   |
| Subwoofer Out                         | 1 (Side / Hybrid w/HP and Subwoofer Out)  |
| USB 2.0                               | 3 (Side)  |
| <b>NETWORK FEATURES</b>               |   |
| Home Network                          | MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI (MotionJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / LPCM / JPEG / FLAC                                      |
| Internet Browser                      | Yes (Opera / not pre-Installed)   |
| Internet EPG                          | Yes   |
| Live Football Mode                    | Yes   |
| Net AD                                | Yes (Net Ad operation depends on ad provider in that region)  |
| Photo Sharing Plus / Photo Share      | Yes   |
| PS now                                | Yes (US/ Canada/ UK/ Japan)   |
| Screen mirroring(Miracast)            | Yes   |
| Social Viewing                        | Yes   |
| TV SideView™                          | Yes   |
| What's New                            | 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. | 85X850D — 273W / 75X850D — 241W / 65X850D — 193W / 55X850D — 139W   |
| Power Consumption (in Standby)        | 0.5W  |
| Annual Power Consumption              | 85X850D — 217 kWh/Year / 75X850D — 178kWh/Year / 65X850D — 147kWh/Year / 55X850D — 122kWh/Year  |
| Power Requirements (frequency)        | 85X850D — 60Hz for UL cUL 50/60Hz for other / 75X850D — 60Hz for UL cUL 50/60Hz for other / 65X850D — 60Hz for UL cUL 50/60Hz for other / 55X850D — None                          |
| Power Requirements (voltage)          | 85X850D — AC 120V for UL cUL AC 110-240V for other / 75X850D — AC 120V for UL cUL AC 110-240V for other / 65X850D — AC 120V for UL cUL AC 110-240V for other / 55X850D — DC 19.5V |

## REGULATIONS AND STANDARDS COMPLIANCE

|                               |   |
|-------------------------------|---|
| VESA® Hole Pitch              | 85X850D — 15 3/4 x 11 7/8 in (400 x 300 mm) / 75X850D — 15 3/4 x 11 7/8 in (400 x 300 mm) / 65X850D — 11 7/8 x 11 7/8 in (300 x 300 mm) / 55X850D — 11 7/8 x 11 7/8 in (200 x 200 mm) |
| 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                              |
| TV System (Analog)                     | M                                    |
| TV System (Digital Cable)              | Clear QAM                            |
| TV System (Digital Terrestrial)        | ATSC                                 |

## VIDEO

|              |               |
|--------------|---------------|
| Video Signal | 1080p (60 Hz) |
|              | 1080i (60 Hz) |
|              | 720p (60 Hz)  |
|              | 480p          |
|              | 480i          |

## VIDEO FEATURES

|                                     |                   |
|-------------------------------------|-------------------|
| 24p True Cinema™ Technology         | Yes               |
| 4:3 Default                         | Yes               |
| 4K Processor                        | Yes               |
| Advanced Contrast Enhancer (ACE)    | Yes               |
| Auto Wide                           | Yes               |
| Blinking Type                       | Frame Blinking    |
| Face Area Detection                 | Yes               |
| HDR Compatible (High Dynamic Range) | Yes               |
| Live Color™ Technology              | Yes               |
| Mastered in 4K                      | Yes               |
| Motionflow™ XR Technology           | Motionflow XR 960 |
| PhotoTV HD                          | Yes               |

|                                 |  |
|---------------------------------|--|
| Picture Mode                    | <ul style="list-style-type: none"> <li>Vivid</li> <li>Standard</li> <li>Custom</li> <li>Cinema Pro</li> <li>Cinema Home</li> <li>Sports</li> <li>Animation</li> <li>Photo-Vivid</li> <li>Photo-Standard</li> <li>Photo-Custom</li> <li>Game</li> <li>Graphics</li> <li>HDR-Video</li> </ul>  |
| Video Processing                | 4K X-Reality Pro   |
| Wide Mode                       | <ul style="list-style-type: none"> <li>Full</li> <li>Normal</li> <li>Wide Zoom</li> <li>Zoom</li> <li>Normal / Full1 / Full2 for PC</li> </ul>   |
| <b>WEIGHTS AND MEASUREMENTS</b> |  |
| Dimensions (Approx.)            | <ul style="list-style-type: none"> <li>85X850D — TV only: 75 1/2 x 43 3/4 x 2 7/8(13/16) in (1917 x 1109 x 73(20) mm)</li> <li>85X850D — TV with stand: 75 1/2 x 46 5/8 x 15 7/8 in (1917 x 1182 x 402 mm)</li> <li>75X850D — TV only: 66 1/8 x 38 1/4 x 1 15/16(5/8) in (1677 x 969 x 49(15.7) mm)</li> <li>75X850D — TV with stand: 66 1/8 x 40 1/2 x 11 3/8 in (1677 x 1026 x 286 mm)</li> <li>65X850D — TV only: 57 1/4 x 33 1/4 x 1 3/4 (15/32) in (1454 x 842 x 44(11.2) mm )</li> <li>65X850D — TV with stand: 57 1/4 x 35 1/4 x 11 in (1454 x 894 x 279 mm)</li> <li>55X850D — TV only: 48 1/2 x 28 1/4 x 1 3/4 (15/32) in (1231 x 717 x 44(11.2) mm)</li> <li>55X850D — TV with stand: 48 1/2 x 30 3/8 x 10 3/8 in (1231 x 770 x 263 mm)</li> </ul> |
| Packaging (Approx.)             | <ul style="list-style-type: none"> <li>85X850D — Carton dimensions: 82 1/2 x 49 1/8 x 15 7/8 in (2095 x 1246 x 403 mm)<br/>Carton weight: 182.9 lbs (83 kg)</li> <li>75X850D — Carton dimensions: 81 1/4 x 43 x 9 in (2062 x 1091 x 228 mm)<br/>Carton weight: 121.2 lbs (55 kg)</li> <li>65X850D — Carton dimensions: 69 1/2 x 37 7/8 x 7 1/2 in (1763 x 959 x 190 mm)<br/>Carton weight: 77.1 lbs (35 kg)</li> <li>55X850D — Carton dimensions: 61 1/8 x 32 1/2 x 7 1/4 in (1552 x 825 x 182 mm)<br/>Carton weight: 59.5 lbs (27 kg)</li> </ul>  |
| Weight (Approx.)                | <ul style="list-style-type: none"> <li>85X850D — TV only: 132.6 lbs (60.2 kg)</li> <li>85X850D — TV with stand: 144.5 lbs (65.6 kg)</li> <li>75X850D — TV only: 73.6 lbs (33.4 kg)</li> <li>75X850D — TV with stand: 85.3 lbs (38.7 kg)</li> <li>65X850D — TV only: 44.8 lbs (20.3 kg)</li> <li>65X850D — TV with stand: 52.7 lbs (23.9 kg)</li> <li>55X850D — TV only: 33.3 lbs (15.1 kg)</li> <li>55X850D — TV with stand: 41.0 lbs (18.6 kg)</li> </ul>   |
| <b>ACCESSORIES</b>              |  |
| Supplied Accessories            | <ul style="list-style-type: none"> <li>85X850D — Voice Remote Control (RMF-TX200U) / 75X850D — Voice Remote Control (RMF-TX200U) / 65X850D — Voice Remote Control (RMF-TX200U) / 55X850D — Remote Control (RMT-TX200U)<br/>Batteries (R03)</li> <li>85X850D — AC Power Cord (Pigtail, US with polarity) / 75X850D — AC Power Cord (Pigtail, US with polarity) / 65X850D — AC Power Cord (Pigtail, US with polarity) / 55X850D — AC Power Cord Spec (US 2Pin (w/o Polarity), C7)</li> <li>IR Blaster (IRB-BR1)</li> <li>Operating Instructions</li> <li>Quick Setup Guide / Supplement CUE (GA)</li> <li>Table Top Stand (Separate, assembly required)</li> </ul>   |

## OPTIONAL ACCESSORIES

### Optional Accessories

85X850D — Wireless Subwoofer (SWF-BR100) / 75X850D — Wireless Subwoofer (SWF-BR100) /  
65X850D — Wireless Subwoofer (SWF-BR100) / 55X850D — None

1. 3,840 x 2,160 pixels.

2. 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.

3. 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.

4. 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](http://us.playstation.com/PlayStationNow) for details.

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

6. Logitech Harmony Hub sold separately. Requires all compatible devices connected to the same network. Refer to Logitech for details on compatible devices. Compatible IP cameras require direct connection to the TV via Wi-Fi.

© 2016 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited.

Sony, X-Reality, Motionflow, TRILUMINOS, 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: March 23, 2016