SONY

XBR-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[1] 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[1] 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[23]
- Silver accents add elegance to the thin design
- Just say what you want with Voice Search[23]
- Send entertainment from your smartphone to you TV with Google Cast™[23]
- Enjoy thousands of apps from Google Play™[23]
- 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[1], 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.

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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[23].

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[23].

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[23].

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[23].

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.

Specifications

Audio							
Bass/Treble/Balance	Balance		Clear Audio+	Yes		BRAVIA® Sync™	Yes (including HDMI-CEC)
			Clear Phase	Yes			
DSEE/DSEE-HX	DSEE		Digital Out Format	Dolby Digital, DTS, PCM		Channel Block (with password)	Analog & Digital
Speaker Configuration	2ch, Full Range (25 x 90 mm) x 2		Dolby®	Dolby Digital, Dolby Digital Plus, Dolby Pulse		Google Cast	Yes
						i-Manual	Yes
Speaker Position	Down Firing		Headphone/Speaker Link	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
Speaker Type	Bass Reflex		S-Master	S-Master Digital Amplifier			
Audio Features			Sony Original Surround	S-Force Front Surround			
Advanced Auto Volume	Yes		Sound Mode	Standard Cinema Live Football Music			
Alternate Audio (Digital)	Yes					Multiple Language Display	English Spanish French
Audio Out	Fixed / Variable		Application Store	Yes			
Auto Mute (on no signal)	Yes		**Convenience Features**			On/Off Timer	Yes
			Auto Photo Mode	Yes		On-Screen Clock	Yes
Auto Surround	Yes		Auto Shut-off	Yes		Parental Control	Yes

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Show/Hide Channels	Yes (Digital & Analog)
Sleep Timer	Yes
USB Play	Yes
USB Play (Contents)	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI (MotinJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / WAV / FLAC / JPEG
Voice Function	Yes

Customizing Capability

RS-232C Control	Yes
Illumination LED	Yes

Design Features

Stand Design	Silver Slate

Display Features

Backlight Type	Edge LED
Dimming Type	Frame Dimming
Display Device	LCD
Triluminos Display	Yes

Display

Aspect Ratio	16:9
Display Resolution	QFHD
Number of pixels(H x V)	3840 x 2160
Screen Size (cm)	138.8 cm
Screen Size (measured diagonally)	55" (54.6")
Viewing Angle (Right/Left)	178 (89/89) degree
Viewing Angle (Up/Down)	178 (89/89) degree

Energy Saving & Efficiency

Backlight Off Mode	Yes
Dynamic Backlight Control	Yes
Power Saving Modes	Yes

General Features

Closed Captions (CC)	Analog Digital
Demo Mode	Yes
Hotel Mode Menu	Yes

Inputs and Outputs

AC Power Input	AC Adapter
Analog Audio Input(s) (Total)	2 (Rear)
Audio Out	1 (Side / Hybrid w/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 w/ Component)

Digital Audio Output(s)	1 (Rear)
Ethernet Connection(s)	1 (Side)
HDCP	HDCP 2.2 (for HDMI1/2/3/4)
HDMI PC Input Format	640 x 480@60Hz 800 x 600@60Hz 1024 x 768@60Hz 1280 x 1024@60Hz 1600 x 900@60Hz 1152 x 864@75Hz 1680 x 1050@60Hz 1920 x 1080@60Hz 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)	4 (side3, rear1)
Headphone Output(s)	1 (Side / Hybrid w/HP and Subwoofer Out)
RF Connection Input(s)	1 (Side)
RS-232C Input(s)	1 (Rear/ Mini Jack)
Subwoofer Out	1 (Side / Hybrid w/HP and Subwoofer Out)
USB 2.0	3 (Side)

Network Features

Home Network	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI (MotinJpeg) / 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 is depends on ad provider on 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

Annual Power Consumption	122kWh/Year

Power

Power Consumption (in Operation) max.	139W
Power Consumption (in Standby)	0.5W
Power Requirements (voltage)	DC 19.5V

Regulation and Standards Compliance

VESA® Hole Pitch	7 7/8 x 7 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	X1
Advanced Contrast Enhancer (ACE)	Yes
Auto Wide	Yes
Blinking Type	Frame Blinking
Face Area Detection	Yes

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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	Vivid Standard Custom Cinema Pro Cinema Home Sports Animation Photo-Vivid Photo-Standard Photo-Custom Game Graphics HDR-Video
Video Processing	4K X-Reality PRO
Wide Mode	Full Normal Wide Zoom Zoom Normal / Full1 / Full2 for PC

Weights and Measurements

Dimensions (Approx.)	TV only: 48 1/2 x 28 1/4 x 1 3/4 (15/32) in (1231 x 717 x 44(11.2) mm) TV with stand: 48 1/2 x 30 3/8 x 10 3/8 in (1231 x 770 x 263 mm)
Packaging (Approx.)	Carton dimensions: 61 1/8 x 32 1/2 x 7 1/4 in (1552 x 825 x 182 mm) Carton weight: 59.5 lbs (27 kg)
Weight (Approx.)	TV only: 33.3 lbs (15.1 kg) TV with stand: 41.0 lbs (18.6 kg)

Accessories

Supplied Accessories	Remote Control (RMT-TX200U) Batteries (R03) AC Power Cord (ACDP-160D01) AC Power Cord Spec (US 2Pin (w/o Polarity), C7) IR Blaster (IRB-BR1) Operating Instructions Quick Setup Guide / Supplement CUE (GA) Table Top Stand (Separate, assembly required)

Optional Accessories

Optional Accessories	Wireless Subwoofer (SWF-BR100)

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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.