

SONY

XBR-60X830F

60" class (60.1" diag.) BRAVIA 4K HDR ULTRA HD TV

Beautiful scenery comes to life with the 4K HDR X1™ Processor and TRILUMINOS™ Display in the X830F 4K HDR TV. Lifelike detail is revealed in your favorite entertainment with Dynamic Contrast Enhancement and 4K HDR Super Bit Mapping, displaying contrast and color gradation in stunning accuracy. It doesn't just display content, it evokes emotion.



Bullets

- Take non-HDR content to the next level with the X1™ processor and 4K X-Reality PRO
- 4K HDR^{1,2} - HDR10, and HLG for incredible detail and clarity
- Enjoy smooth and vibrant colors with TRILUMINOS™ Display & 4K HDR Super Bit Mapping
- Content appears with lifelike motion with Motionflow™ XR technology
- Improved contrast with enhanced brightness and black levels
- Android™ TV with Google Assistant technology gives you a genius TV^{3,10}
- Compatible with Google Home⁴ and Amazon Alexa⁵ for an even smarter home
- Download your favorite content, shopping, and gaming Apps from Google Play⁶
- Slice of living design with built-in cable management
- Live TV Streaming, no annual contract with PlayStation™ Vue⁷

Features

Uncover the detail with 4K HDR

High Dynamic Range (HDR) will change the way you look at TV. Combined with 4K Ultra HD resolution¹, HDR video content delivers exceptional detail, color and contrast, with a far wider range of brightness than other video formats². The result is the most lifelike picture TVs have ever been able to create, with brilliant highlights and fine detail.

Take non-HDR content to the next level

Our 4K HDR Processor X1™ outperforms our original 4K Processor X1™ with more real-time image processing power. It takes even non-HDR content to near 4K HDR quality¹. Object-based HDR Remaster technology can detect, analyze and optimize each object in the picture individually to adjust the overall contrast for a more natural and realistic picture on screen.

Vibrant colors, smooth gradations

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 rich, authentic images that evoke the emotion in every scene. And, 4K HDR Super Bit Mapping reveals thousands of shades and gradations of color, for sunsets as bright and clear as real life.

Motionflow XR

TV that keeps up with real life. Sony's refresh rate technology (Motionflow™ XR 960) builds upon the native 120Hz panel to allow fast moving action sequences in sports and movies to be seen with lifelike clarity.

Upscale to a more natural picture

The difference is clear. You'll see lifelike detail and stunning clarity, no matter what you're watching. Two powerful image improvement databases work together, dynamically improving images in real time. 4K X-Reality PRO™ upscales images to near 4K clarity while a second database cleans the picture and reduce on-screen noise⁸. Every single pixel is enhanced beautifully by the powerful 4K HDR Processor X1™.

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Improved contrast

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.

Meet your Google Assistant

Android TVs by Sony now have the Google Assistant built-in, making your life easier³. Ask it to play your favorite movie, check the score of your favorite team, and control your TV and even your home. It's your own personal Google, always ready to help.

A genius TV, a smarter home

Find all the entertainment you can dream of, faster than ever. From movies and TV shows to thousands of apps including your favorite Android games, Sony's Android™ TV brings you everything in an instant³. Cast your favorite apps with Chromecast built-in⁹, or enjoy a huge range of apps from Google Play™, including YouTube™, Netflix, Amazon Video, Hulu, Pandora and more^{10,11}. With Google Home⁴ and Amazon Alexa⁵ compatibility, simply voice-control your TV and ask it to do things like cast and control videos from YouTube with Google Home or change the channel or volume with Amazon Alexa.¹²

A masterpiece of design

Unightly wires are managed and kept out of sight inside the TV stand for a clean, sophisticated look. The aesthetics of the new Slice of Living design not only compliment your living space, but coexist perfectly with Sony's 2018 lineup of high-performance soundbars, making your entertainment center look like a work of art.

Live TV, no annual contract

PlayStation™ Vue service now available on Android TV. Enjoy live TV streaming with no annual contract and no surprise fees⁷. Experience premium content, including sports, news and more, from your favorite networks.

Specifications

Audio		Headphone/Speaker Link	Yes	Text Input Language	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	
Audio Power Output	10W+10W	Simulated Surround Sound	S-Force Front Surround			
Bass/Treble/Balance	Balance	S-Master	S-Master Digital Amplifier			
DSEE/DSEE-HX	DSEE	Sound Modes	Standard, Dialog, Cinema, Music, Sports			
Speaker Configuration	2ch, Full Range (35 x 90 mm) x 2	Convenience Features				
Speaker Position	Down Firing	Application Store	Yes (Google Play Store)	USB drive format support	Yes (Supported File System: FAT16/FAT32/exFAT/NTFS)	
Speaker Type	Bass Reflex	Auto Picture Mode	Yes	USB playback codecs	MPEG1: MPEG1 / MPEG2PS: MPEG2 / MPEG2TS (HDV,AVCHD): MPEG2, AVC / MP4 (XAVCS) :AVC, MPEG4, HEVC / AVI: Xvid, MotionJpeg / ASF (WMV): VC1 / MOV : AVC, MPEG4, MotionJpeg / MKV:X vid, AVC, MPEG4, VP8. HEVC / WEBM: VP8 / 3GPP: MPEG4, AVC / MP3 / ASF (WMA) / WAV / MP4AAC / FLAC / JPEG	
Audio Features		Channel Block (with password)	Analog & Digital			
Advanced Auto Volume	Yes	Chromecast built-in	Yes			
Alternate Audio (Digital)	Yes	HDMI-CEC	Yes			
ARC Output Format	Two channel linear PCM: 48 kHz 16 bits, Dolby Digital, Dolby Digital Plus, DTS	i-Manual	Yes			
Audio Out	Fixed / Variable	Multiple Language Display	English, Spanish, French			
Auto Surround	Yes	On/Off Timer	Yes			
Clear Audio+	Yes	On-Screen Clock	Yes			
Clear Phase	Yes	Parental Control	Yes			
Dolby audio format support	Dolby Digital, Dolby Digital Plus, Dolby Pulse	Show/Hide Channels	Yes (Digital&Analog)			
DTS audio format support	DTS Digital Surround	Sleep Timer	Yes			
HDMI Audio Return Channel(ARC)	Yes	Customizing Capability				
HDMI input Audio format	5.1 channel linear PCM:	RS-232C Control		Yes		
Design Features		Cable Management				Yes
		Frame color				Black
		Illumination LED				Yes
		Stand Design				Silver Chevron

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Display Features	
Backlight dimming type	Frame Dimming
Backlight Type	Direct LED
Display type	LCD
TRILUMINOS Display	Yes

Display	
Aspect Ratio	16:09
Display Resolution	QFHD
Display resolution (H x V, pixels)	3840x2160
Screen Size (cm, measured diagonally)	152.7cm
Screen Size (Inch, measured diagonally)	60" (60.1")
Viewing Angle (Right/Left)	178(89/89) degree
Viewing Angle (Up/Down)	178(89/89) degree

Energy Saving & Efficiency	
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	
4K 60P High-Quality formats	HDMI IN2, IN3 ports for 4K(up to 6Gbps) signal.
AC Power Input	1 (Rear)
Analog Audio Input(s) (Total)	1 (Rear)
Audio / Headphone Output(s)	1 (Side/Hybrid w/HP and Subwoofer Out)
Bluetooth profile support	Version 4.1 HID/HOGP/SPP/A2DP/AVRCP
Component Video (Y/Pb/Pr) Input(s)	1 (Rear Hybrid w/ Composite)
Composite Video Input(s)	1 (Rear Hybrid w/ Component)
Digital Audio Output(s)	1 (Rear)
Ethernet Connection(s)	1 (Side)

HDCP	HDCP2.2(for HDMI1/2/3/4)
HDMI inputs total	4 (3 Side, 1 Rear)
HDMI PC Input Format	640x480 (31.5kHz,60Hz) 800x600 (37.9kHz,60Hz), 1024x768 (48.4kHz,60Hz) 1280x1024 (64.0kHz,60Hz) 1152x864 (67.5kHz,75Hz) 1600x900 (55.9kHz,60Hz) 1680x1050 (65.3kHz,60Hz) 1920x1080 (67.5kHz,60Hz)

HDMI Signal	4096x2160p(24,60Hz), 3840x2160p(24,30,60Hz), 1080p(30,60Hz), 1080i(60Hz), 720p(30,60Hz), 720i(60Hz), 480p, 480i
Headphone Output(s)	1 (Side/Hybrid w/Audio Out and Subwoofer Out)
RF Connection Input(s)	1(Side)
RS-232C Input(s)	1(Side)
Subwoofer Out	1 (Side/Hybrid w/HP and Audio Out)
USB Port(s)	3 (Side)

Network Features	
Codec for Home Network	MPEG1: MPEG1/ MPEG2PS: MPEG2/ MPEG2TS (HDV,AVCHD): MPEG2, AVC/ MP4 (XAVCS) :AVC, MPEG4, HEVC/ AVI: Xvid, MotinJpeg/ ASF (WMV): VC1/ MOV: AVC, MPEG4, MotionJpeg/ MKV: Xvid, AVC, MPEG4, VP8.HEVC/ WEBM: VP8/ 3GPP: MPEG4, AVC/ MP3/ ASF (WMA) / LPCM/ WAV/ MP4AAC/ FLAC/ JPEG

Featured (Content Bar)	Yes
Home Network Feature	Home Network Client, Home Network Renderer
Internet Browser	Vewd (Not pre-installed)
Other Network Features	Content Bar: Yes Related Info: Yes (US / Canada / MX(STB))
Screen mirroring(Miracast™)	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

Power	
Annual Power Consumption	245 kWh/Year
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	11 7/8 x 11 7/8 inch (300x300 mm)
Sensing Features	
LightSensor™ Technology	Yes
Service and Warranty Information	

Limited Warranty Term	12 Months
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TV System	
Channel Coverage (Analog)	VHF: 2-13/UHF: 14-69/ CATV: 1-135
Color Space	sRGB/BT709, BT2020, AdobeRGB, DCI
Color System	NTSC
Number of Tuners (Terrestrial/Cable)	1 (Digital/Analog)
On-board Storage (GB)	16GB
OS	Android 7.0 Nougat
Tuner Channel Coverage (Digital Cable)	CATV: 1-135
Tuner Channel Coverage (Digital Terrestrial)	VHF: 2-13/UHF: 14-69
TV System (Analog)	M
TV System (Digital Cable)	Clear QAM
TV System (Digital Terrestrial)	ATSC

Video Features	
Video Signal (analog)	1080p(60)/ 1080i(60)/ 720p(60)/ 480p/ 480i
24p True Cinema	Yes
4:3 Default	Yes
4K Processor	4K HDR Processor X1
Auto Wide	Yes
Blinking Type	Frame Blinking
Dynamic Contrast Enhancer	Yes
HDR (High Dynamic Range) compatibility	Yes (HDR10, HLG)
Live Color™ Technology	Yes
Mastered in 4K	Yes
Motionflow™ XR Technology	Motionflow XR 960 (Native 120Hz)
Object-based HDR remaster	Yes
Panel Refresh Rate (Native Hertz)	120Hz
PhotoTV HD	Yes
Picture Modes	Vivid, Standard, Custom, Cinema Pro, Cinema Home, Sports, Animation, Photo-Vivid, Photo-Standard, Photo-Custom, Game, Graphics
Super Bit Mapping™ 4K HDR	Yes
Video Processing	4K X-Reality PRO
Wide Mode	Wide / Normal / Full / Zoombr Normal / Full1 / Full2 for PC

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Weights and Measurements	
Dimensions (Approx.)	TV only: 53 5/8 x 31 1/8 x 3 1/8(7/16) inch (1360 x 789 x 78(11) mm) TV with stand: 53 5/8 x 33 5/8 x 12 1/2 inch (1360 x 854 x 315 mm) Stand Width: 43 3/4 inch (1110 mm) AC Cable Length: 1500mm
Packaging (Approx.)	58 x 35 7/8 x 7 1/2 inch (1472 x 909 x 188 mm) Weight of package: 61.7lb. (28 kg)
Weight (Approx.)	TV Only: 43.7 lb (19.8 Kg) TV with stand: 45.9 lb (20.8 Kg)
Accessories	
Supplied Accessories	Voice Remote Control (RMF-TX310U) Batteries (LR03) AC Power Cord (Pigtail, US, 2 pin, flat blades, Polarity) IR Blaster (1-849-161-12) Operating Instructions (English, French) Quick Setup Guide / Supplement CUE (GA) (US,FR,ES,PT) Table Top Stand

1. 3,840 x 2,160 pixels.

2. Requires HDR compatible content from supported streaming services, such as Netflix, Ultra and Amazon Video or HDR compatible content device connected via HDMI input. Requires HDMI® cables sold separately.

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. Apps must be compatible with TV.

4. Google Home device (sold separately) compatible with Sony TV's powered by Android TV. Requires compatible devices connected to the same wireless home network. Download the Google Home app from the iPhone App Store or Google Play. Subject to third party app terms and conditions. User must link compatible devices in order to control operation. Once download is complete, the Google Home feature may be connected to the Sony device to access the voice control function.

5. Amazon Alexa enabled devices (sold separately) compatible with Sony TV's powered by Android TV. Amazon account required. Subscriptions may be required to access certain content.

6. Apps must be compatible with TV

7. Service not available in all areas. See www.psvue.com for details. Sony Entertainment Network Account is required. 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.

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

9. Chromecast built-in compatibility dependent on app.

10. User must connect to a Google account to use, including voice to activate linked apps.

11. App availability varies by region and device. Use of this TV requires consent to Google Terms of Service and Privacy Policy. Please visit <http://www.google.com/policies/terms/>, <http://www.google.com/policies/privacy/>. Third party product and services sold separately. Must download 3rd party apps in smart phone. Requires compatible devices connected to the same wireless home network.

12. Compatible devices require internet connection. 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.

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