SONY

XBR-49X800E

49" class (48.5" diag) 4K HDR Ultra HD TV

Enjoy truly remarkable 4K[1] HDR clarity, color and contrast. Rediscover every detail in 4K HDR while TRILUMINOS™ Display adds a brilliant picture that's closer than ever to real-world colors. And with Android™ TV, find all the entertainment you want, faster than ever.

Bullets

- The dramatic contrast, color and detail of 4K HDR
- Enjoy smooth and vibrant colors with TRILUMINOS™ Display
- Android™ TV with Google Home compatibility gives you a genius TV
- Lifelike motion with Motionflow™ XR technology
- Improved contrast with enhanced brightness and black levels
- 4K X-Reality PRO provides lifelike detail and clarity
- Live TV streaming, no annual contract with PlayStation™ Vue
- Just say what you want with Voice Search
- Send entertainment from your smartphone to your TV with Google Cast™[3]

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.

Colors come alive

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.

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, Sony's Android™ TV brings you everything in an instant[3]. Cast your favorite apps with Google Cast, and Voice Search helps you find the entertainment you want. And with Google Home compatibility, simply voice-control your TV and ask it to do things, like play your favorite YouTube videos.

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.

Redefining realism

The difference is clear. You'll see lifelike detail and stunning clarity, no matter what you're watching. 4K X-Reality PRO™ upscales images to near 4K clarity[1]. See the details appear in buildings and trees as scenes become clearer, smoother and more natural.

Motionflow™ keeps the action smooth

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

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Live TV, no annual contract

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

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 in 42 languages, allowing you to find content across different services without the hassle of time-consuming text entry[3]

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[3]

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[3].

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
DSEE/DSEE-HX	DSEE
Speaker Configuration	2ch, Full Range (30 x 80 mm) x 2
Speaker Position	Down Firing
Speaker Type	Bass Reflex

Audio Features	
Advanced Auto Volume	Yes
Alternate Audio (Digital)	Yes
ARC Output Format	Two channel linear PCM: 48kHz 16bits, Dolby Digital, Dolby Digital Plus, DTS
Audio Out	Fixed / Variable
Auto Surround	Yes
Clear Audio+	Yes
Clear Phase	Yes
Dolby audio format support	Dolby Digital, Dolby Digital Plus, Dolby Pulse
HDMI Audio Return Channel(ARC)	Yes
HDMI input Audio format	5.1 channel linear PCM: 32, 44.1, 48, 88.2, 96, 176.4, 192kHz, 16, 20, 24bits, Dolby Digital, Dolby Digital Plus, DTS
Headphone/Speaker Link	Yes
Simulated Surround Sound	S-Force Front Surround
S-Master	S-Master Digital Amplifier
Sound Modes	Standard, Dialog, Cinema, Music, Sports

Convenience Features	

Application Store	Yes (Google Play Store)
Auto Picture Mode	Yes
Auto Shut-off	Yes
Channel Block (with password)	Analog & Digital
Google Cast™	Yes
HDMI-CEC	Yes
i-Manual	Yes
Multiple Language Display	English, Spanish, French
On/Off Timer	Yes
On-Screen Clock	Yes
Parental Control	Yes
Show/Hide Channels	Yes (Digital & Analog)
Sleep Timer	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
USB drive format support	Yes (Supported File System: FAT16/ FAT32/ exFAT/ NTFS)
USB playback codecs	MPEG1:MPEG1/ MPEG2PS:MPEG2/
Voice Search	Yes

Customizing Capability	
RS-232C Control	Yes

Design Features	
Cable Management	Yes
Frame color	Black
Illumination LED	Yes
Stand Design	Dark Silver U Slate

Display Features	
Backlight dimming type	Frame Dimming
Backlight Type	Edge LED
Display type	LCD

Display	
Aspect Ratio	16:9
Display Resolution	QFHD
Display resolution (H x V, pixels)	3840x2160
Screen Size (cm, measured diagonally)	123.2 cm
Screen Size (inch, measured diagonally)	49" (48.5")
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	Up to 18Gbps:4K 60p 4:4:4(8bit), 4:2:2(8,10,12bit), 4:2:0(8,10bit) HDR included for HDMI 2/3
AC Power Input	AC Adapter
Analog Audio Input(s) (Total)	2 (1 Bottom Analog Conversion / 1 Bottom)

Audio / Headphone Output(s)	1 (Rear/Hybrid w/HP and Subwoofer Out)		Photo Sharing Plus / Photo Share	Yes	Auto Wide	Yes
Bluetooth profile support	Version 4.1 HID / HOGP / 3DSP / SPP		Screen mirroring(Miracast™)	Yes	Blinking Type	Frame Blinking
Component Video (Y/Pb/Pr) Input(s)	1 (Bottom Hybrid w/Composite)		Social Viewing	Yes	HDR (High Dynamic Range) compatiblity	Yes
Composite Video Input(s)	2 (1 Bottom Analog Conversion / 1 Bottom Hybrid w/Component)		Trending on Twitter	Yes (only US)	Live Color™ Technology	Yes
			TV SideView™	Yes	Mastered in 4K	Yes
Digital Audio Output(s)	1 (rear)		Wi-Fi Certified	Yes	Motionflow™ XR Technology	Motionflow XR
Ethernet Connection(s)	1 (Bottom)		Wi-Fi Direct	Yes		
HDCP	HDCP2.2 (for HDMI1/2/3/4)		Wi-Fi Frequency	2.4GHz /5GHz	Panel Refresh Rate (Native Hertz)	60Hz
HDMI inputs total	4 (2 Side, 2 Rear)		Wi-Fi Standard	a/b/g/n/ac	PhotoTV HD	Yes
			Wireless LAN	Integrated	Picture Modes	
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		**Power**		Video Processing	4K X-Reality PRO
			Annual Power Consumption	124 kWh/Year	Wide Mode	Wide / Normal / Full / Zoombr Normal / Full1 / Full2 for PC
			Power Consumption (in Operation)	130W		
			Power Consumption (in Standby)	0.50W	**Weights and Measurements**	
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		Power Requirements (voltage)	DC 19.5V	Dimensions (Approx.)	TV only: 43 1/4 x 25 1/4 x 2 1/4(9/16) inch (1096 x 640 x 57 (14) mm) TV with stand: 43 1/4 x 27 1/4 x 10 inch (1096 x 691 x 252 mm) Stand Width: 22 5/8 inch (573 mm) AC Cable Length: 500 mm
			Regulation and Standards Compliance			
			VESA® Hole Pitch	(7 7/8 x 7 7/8 inch) 200 x 200 mm		
Headphone Output(s)	1 (Rear / Hybrid w/Audio Out and Subwoofer Out)		VESA® Hole Spacing Compatible	Yes		
RF Connection Input(s)	1 (side)		**Sensing Features**		Packaging (Approx.)	Carton dimensions: 46 7/8 x 29 3/8 x 6 3/8 inch (1188 x 744 x 161 mm) Carton weight: 39.7lb. (18 kg)
RS-232C Input(s)	1 (Bottom / Mini Jack)		LightSensor™ Technology	Yes		
Subwoofer Out	1 (Rear / Hybrid w/HP and Audio Out)		**Service and Warranty Information**		Weight (Approx.)	TV only: 26.9 lb (12.2 kg) TV with stand: 28.5 lb (12.9 kg)
USB Port(s)	3 (side)		Limited Warranty Term	12 months		
Network Features			**TV System**		**Accessories**	
Codec for Home Network	MPEG1: MPEG1/ MPEG2PS: MPEG2/ MPEG2TS (HDV,AVCHD): MPEG2, AVC/MP4(XAVC S): 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		Channel Coverage (Analog)	VHF: 2-13/UHF: 14-69/ CATV: 1-135	Supplied Accessories	Voice Remote Control (RMF-TX300U) Batteries (R03) AC Power Adaptor (ACDP-160D02, ACDP-160M01) AC Power Cord Spec (US 2pin, Inlet C7, Straight) IR Blaster (1-849-161-12) Operating Instructions Quick Setup Guide / Supplement CUE (GA) Table Top Stand (Separate, assemble required)
			Color Space	sRGB/		
			Color System	NTSC		
			Number of Tuners (Terrestrial/Cable)	1 (Digital / Analog)		
			On-board Storage (GB)	16GB		
			OS	Android		
			Tuner Channel Coverage (Digital Cable)	CATV: 1-135		
Featured (Content Bar)	Yes		Tuner Channel Coverage (Digital Terrestrial)	VHF: 2-13/UHF: 14-69		
Home Network Feature	Home Network Client / Home Network Renderer		TV System (Analog)	M		
Internet Browser	Opera (not pre-Installed)		TV System (Digital Cable)	Clear QAM		
Live Football Mode	Yes		TV System (Digital Terrestrial)	ATSC		
Other Network Features	Content Bar: Yes Genre Categories (Content Bar): Yes (depend on countries) Related Info: Yes (US / Canada / MX(STB))		**Video Features**			
			24p True Cinema	Yes		
			4:3 Default	Yes		

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