

SONY

XBR-49X800E

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

Enjoy truly remarkable 4K¹ 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 resolution¹, 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 instant³. 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 clarity¹. 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.

SONY

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 entry³

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 control³

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 screen³.

A masterpiece of design

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

Specifications

Audio		Application Store	Yes (Google Play Store)	Display Features	
Bass/Treble/Balance	Balance	Auto Picture Mode	Yes	Backlight dimming type	Frame Dimming
DSEE/DSEE-HX	DSEE	Auto Shut-off	Yes	Backlight Type	Edge LED
Speaker Configuration	2ch, Full Range (30 x 80 mm) x 2	Channel Block (with password)	Analog & Digital	Display type	LCD
Speaker Position	Down Firing	Google Cast™	Yes	Display	
Speaker Type	Bass Reflex	HDMI-CEC	Yes	Aspect Ratio	16:9
Audio Features		i-Manual	Yes	Display Resolution	QFHD
Advanced Auto Volume	Yes	Multiple Language Display	English, Spanish, French	Display resolution (H x V, pixels)	3840x2160
Alternate Audio (Digital)	Yes	On/Off Timer	Yes	Screen Size (cm, measured diagonally)	123.2 cm
ARC Output Format	Two channel linear PCM: 48kHz 16bits, Dolby Digital, Dolby Digital Plus, DTS	On-Screen Clock	Yes	Screen Size (inch, measured diagonally)	49" (48.5")
Audio Out	Fixed / Variable	Parental Control	Yes	Viewing Angle (Right/Left)	178(89/89) degree
Auto Surround	Yes	Show/Hide Channels	Yes (Digital & Analog)	Viewing Angle (Up/Down)	178(89/89) degree
Clear Audio+	Yes	Sleep Timer	Yes	Energy Saving & Efficiency	
Clear Phase	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	Dynamic Backlight Control	Yes
Dolby audio format support	Dolby Digital, Dolby Digital Plus, Dolby Pulse	USB drive format support	Yes (Supported File System: FAT16/ FAT32/ exFAT/ NTFS)	Power Saving Modes	Yes
HDMI Audio Return Channel(ARC)	Yes	USB playback codecs	MPEG1:MPEG1/ MPEG2PS:MPEG2/	General Features	
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	Voice Search	Yes	Closed Captions (CC)	Analog Digital
Headphone/Speaker Link	Yes	Customizing Capability		Demo Mode	Yes
Simulated Surround Sound	S-Force Front Surround	RS-232C Control	Yes	Hotel Mode Menu	Yes
S-Master	S-Master Digital Amplifier	Design Features		Inputs and Outputs	
Sound Modes	Standard, Dialog, Cinema, Music, Sports	Cable Management	Yes	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
Convenience Features		Frame color	Black	AC Power Input	AC Adapter
		Illumination LED	Yes	Analog Audio Input(s) (Total)	2 (1 Bottom Analog Conversion / 1 Bottom)
		Stand Design	Dark Silver U Slate		

SONY

Audio / Headphone Output(s)	1 (Rear/Hybrid w/HP and Subwoofer Out)
Bluetooth profile support	Version 4.1 HID / HOGP / 3DSP / SPP
Component Video (Y/ Pb/Pr) Input(s)	1 (Bottom Hybrid w/ Composite)
Composite Video Input(s)	2 (1 Bottom Analog Conversion / 1 Bottom Hybrid w/Component)
Digital Audio Output(s)	1 (rear)
Ethernet Connection(s)	1 (Bottom)
HDCP	HDCP2.2 (for HDMI1/2/3/4)
HDMI inputs total	4 (2 Side, 2 Rear)
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
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
Headphone Output(s)	1 (Rear / Hybrid w/Audio Out and Subwoofer Out)
RF Connection Input(s)	1 (side)
RS-232C Input(s)	1 (Bottom / Mini Jack)
Subwoofer Out	1 (Rear / 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(XAVC S): AVC, MPEG4, HEVC / AVI: Xvid, MotionJpeg/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	Opera (not pre-installed)
Live Football Mode	Yes
Other Network Features	Content Bar: Yes Genre Categories (Content Bar): Yes (depend on countries) Related Info: Yes (US / Canada / MX(STB))

Photo Sharing Plus / Photo Share	Yes
Screen mirroring(Miracast™)	Yes
Social Viewing	Yes
Trending on Twitter	Yes (only US)
TV SideView™	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	124 kWh/Year
Power Consumption (in Operation)	130W
Power Consumption (in Standby)	0.50W
Power Requirements (voltage)	DC 19.5V

Regulation and Standards Compliance

VESA® Hole Pitch	(7 7/8 x 7 7/8 inch) 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
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
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
Auto Wide	Yes
Blinking Type	Frame Blinking
HDR (High Dynamic Range) compatibility	Yes
Live Color™ Technology	Yes
Mastered in 4K	Yes
Motionflow™ XR Technology	Motionflow XR
Panel Refresh Rate (Native Hertz)	60Hz
PhotoTV HD	Yes
Picture Modes	
Video Processing	4K X-Reality PRO
Wide Mode	Wide / Normal / Full / Zoombr Normal / Full1 / Full2 for PC

Weights and Measurements

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
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)
	TV only: 26.9 lb (12.2 kg) TV with stand: 28.5 lb (12.9 kg)

Accessories

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)
----------------------	--



1. 3,840 x 2,160 pixels.
2. Compared to standard LED HDTVs.
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. Requires HDR compatible content from supported streaming services, such as Netflix, Ultra and Amazon Video.
6. 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.
7. Google Home device not included, must purchase separately.

© 2017 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited

SonyX-Reality, Motionflow, TRILUMINOS, TV SideView, X-tended Dynamic Range and the Sony logo are trademarks of Sony Corporation. PlayStation Vue logo is a trademark of Sony Interactive 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: January 30, 2017