

SONY

XBR-49X800G

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

Enjoy crisp, realistic details in your favorite entertainment with the X800G 4K HDR TV.¹ Control your TV and smart home with your voice using Android TV and Google Assistant built in.^{3,9} 4K X-Reality PRO technology and Dynamic Contrast Enhancer technologies refine details and display contrast with stunning accuracy, making shows and movies come alive.



Bullets

- 4K HDR, - HDR10 & HLG for advanced detail and clarity^{1,2}
- Upscale to a more natural picture with 4K X-Reality PRO⁷
- Content appears with lifelike motion with Motionflow™ XR technology
- Scenes appear more realistic with Dynamic Contrast Enhancer
- Android™ TV with Google Assistant built in gives you a genius TV^{3,9}
- Compatible with Google Home⁴ and Amazon Alexa⁵ for an even smarter home
- Slice of living design with built-in cable management
- Download your favorite content, shopping, and gaming Apps from Google Play⁸
- Live TV Streaming, no annual contract with PlayStation™ Vue⁶

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.

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 noise⁷.

Action just like real life

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 lifelike clarity.

Scenes appear more realistic with Dynamic Contrast Enhancer

A full range of brightness is part of what makes a TV great. The Dynamic Contrast Enhancer inside of the X800G renders differences between light and dark portions of images with advanced precision, creating a picture with more detail and contrast than conventional TVs.

Meet your Google Assistant

Android TVs by Sony now have the Google Assistant built-in, making your life easier^{3,9}. 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

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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 instant*. Cast your favorite apps with Chromecast built-in¹⁰, or enjoy a huge range of apps from Google Play™, including YouTube™, Netflix, Amazon Video, Hulu, Pandora and more^{3,11}. 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 hidden cable panel structure for a clean, sophisticated look.

Live TV, no annual contract

PlayStation™ Vue now available on Android TV. Enjoy live TV streaming with no annual contract and no surprise fees⁶. Experience premium content, including sports, news and more, from your favorite networks.

Specifications

Audio		Auto Shut-off	Yes	Illumination LED	Yes
Audio Power Output	10W+10W	Channel Block (with password)	Analog & Digital	Stand Design	Matte Black
Bass/Treble/Balance	Balance	Chromecast built-in	Yes	Display Features	
DSEE/DSEE-HX	DSEE	HDMI-CEC	Yes	Backlight dimming type	Frame Dimming
Speaker Configuration	2ch/Full Range (Bass Reflex)(30x80mm)x2	i-Manual	Yes	Backlight Type	Edge LED
Speaker Position	Down Firing	On/Off Timer	Yes	Display type	LCD
Speaker Type	Bass Reflex Speaker	On-Screen Clock	Yes	TRILUMINOS Display	Yes
Audio Features		Parental Control	Yes	Display	
Advanced Auto Volume	Yes	Show/Hide Channels	Yes(Digital&Analog)	Aspect Ratio	16:9
Alternate Audio (Digital)	Yes	Sleep Timer	Yes	Display Resolution	QFHD
ARC Output Format	Two channel linear PCM: 48 kHz 16 bits,Dolby Digital,Dolby Digital Plus,DTS	Text Input Language	ENG / FRA / GER / HEB / ITA / RUS / SPA / VIE / JPN	Display resolution (H x V, pixels)	3840x2160
Audio Out	Fixed/Variable	USB drive format support	Yes (Supported File System: FAT16/FAT32/exFAT/NTFS)	Screen Size (cm, measured diagonally)	123.2 cm
Clear Audio+	Yes	USB playback codecs	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) /WAV /MP4AAC / FLAC/ JPEG	Screen Size (inch, measured diagonally)	49" (48.5")
Clear Phase	Yes			Viewing Angle (Right/ Left)	178(89/89) degree
Digital audio out (Optical) format	Two channel linear PCM: 48 kHz 16 bits,Dolby Digital,DTS			Viewing Angle (Up/ Down)	178(89/89) degree
Dolby audio format support	Dolby Audio(Dolby Digital, Dolby Digital Plus)			Energy Saving & Efficiency	
DTS audio format support	DTS Digital Surround			Dynamic Backlight Control	Yes
HDMI Audio Return Channel(ARC)	Yes (ARC)	Voice Search	Yes* *Hands Free feature(Built-in Mic) availability depends on language and may need software update. Please check Sony support page for further information; https://www.sony.net/tv-hf-ww/	Power Saving Modes	Yes
HDMI input Audio format	5.1 channel linear PCM:			General Features	
Headphone/Speaker Link	Yes			Closed Captions (CC)	Analog Digital
Simulated Surround Sound	S-Force Front Surround			Demo Mode	Yes
S-Master	S-Master Digital Amplifier			Hotel Mode Menu	Yes
Sound Modes	Standard,Dialog,Cinema,Music,Sports	Inputs and Outputs			
Convenience Features		Customizing Capability		4K 60P High-Quality formats	HDMI IN2, IN3 ports for 4K(up to 6Gbps) signal.
Application Store	Yes(Google Play Store)	RS-232C Control	Yes	AC Power Input	AC ADAPTER
Auto Picture Mode	Yes	Design Features		Analog Audio Input(s) (Total)	1 (Bottom)
		Cable Management	Yes	Bluetooth profile support	Version 4.1 HID/HOGP/SPP
		Frame color	Black		

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Component Video (Y/Pb/Pr) Input(s)	1 (Bottom / Hybrid with Composite Video Input)	Annual Power Consumption	145 kWh/Year	Panel Refresh Rate (Native Hertz)	60Hz
Composite Video Input(s)	1 (Bottom)	Power Consumption (in Operation)	107W	Picture Modes	Vivid, Standard, Custom, Cinema Pro, Cinema Home, Sports, Animation, Photo-Vivid, Photo-Standard, Photo-Custom, Game, Graphics
Digital Audio Output(s)	1 (Rear)	Power Consumption (in Standby)	0.5W		
Ethernet Connection(s)	1(Bottom)	Power Requirements (voltage)	AC 120V for UL cUL AC 110-240V for other DC 19.5V	Video Processing	4K X-Reality PRO
HDCP	HDCP2.3(for HDMI1/2/3/4)	Regulation and Standards Compliance			
HDMI inputs total	4 (2Side,2Rear)	VESA® Hole Pitch	7 7/8 x 7 7/8 inch (200 x 200 mm)	Wide Mode	Wide Zoom/Normal/Full/Zoom Normal/Full1/Full2 for PC
HDMI PC Input Format	640 x 480 @31.5kHz, 60Hz 800 x 600 @37.9kHz,60Hz 1024 x 768 @48.4kHz,60Hz 1280 x 1024 @64.0kHz,60Hz	VESA® Hole Spacing Compatible	Yes	Weights and Measurements	
	1152 x 864 @67.5kHz,75Hz 1600 x 900 55.9kHz,60Hz 1680 x 1050 @65.3kHz,60Hz 1920 x 1080 @67.5kHz,60Hz	Sensing Features			
HDMI Signal	4096x2160p(24,60Hz), 3840x2160p(24,30,60Hz), 1080p(30,60Hz), 1080i(60Hz), 720p(30,60Hz), 720/24p, 480p, 480i	LightSensor™ Technology	Yes	Dimensions (Approx.)	AC Power Adapter: ACDP-120M01 (158 x 70.5 x 35)mm, ACDP-120D01 (155 x 67 x 36.5)mm DC Cable length of AC adaptor(mm): 1500 mm TV without Stand: 343 3/8 x 25 1/2 x 2 1/4(17/32) inch (1101x645x57(13) mm) TV with Stand: 43 3/8 x 27 3/4 x 10 1/4 inch (1101 x 704 x 260 mm) Stand Width: 28 3/8 inch (719 mm) AC Cable Length: 530 mm
	Headphone Output(s)	1 (Rear)	TV System		
RF Connection Input(s)	1 (Side) (Terrestrial/Cable)	Channel Coverage (Analog)	VHF: 2-13/UHF: 14-69/ CATV: 1-135	Packaging (Approx.)	46 7/8 x 30 5/8 x 5 5/8 inch (1188 x 776 x 141 mm) Weight: 37.5lb. (17 kg)
RS-232C Input(s)	1 (Bottom)	Color Space	sRGB/		
Subwoofer Out	1 (Rear / Hybrid with Headphone Out)	Color System	NTSC	Weight (Approx.)	Weight of TV without Stand: 26 lb (11.8 Kg) Weight of TV with Stand: 27.4 (12.4 kg)
USB Port(s)	3 (Side)	Number of Tuners (Terrestrial/Cable)	1(Digital/Analog)		
Network Features					
Codec for Home Network	MPEG1: MPEG1 / MPEG2PS :MPEG2 / MPEG2TS (HDV,AVCHD): MPEG2, AVC/ MP4(XAVC S) :AVC, MPEG4, HEVC/ AVI :Xvid ,MofinJpeg /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	On-board Storage (GB)	16GB	Accessories	Voice Remote Control (RMF-TX310U) Batteries (LR03) AC Power Adaptor (ACDP-100D03,ACDP-100P01) AC Power Cord Spec (C7, US, 2pin, flat blades) IR Blaster (1-849-161-12) Operating Instructions (English, French) Quick Setup Guide / Supplement CUE (GA) Table Top Stand (Separate/assembly required)
		OS	Android 7.0 Nougat		
Home Network Feature	Home Network Client, Home Network Renderer	Tuner Channel Coverage (Digital Cable)	CATV: 1-135	Supplied Accessories	
Internet Browser	Vewd (Not pre-installed)	Tuner Channel Coverage (Digital Terrestrial)	VHF: 2-13/UHF: 14-69		
Other Network Features	Related info: Yes (US / Canada / MX(STB))	TV System (Analog)	M	Accessories	
Screen mirroring(Miracast™)	Yes	TV System (Digital Cable)	Clear QAM		
Wi-Fi Certified	Yes	TV System (Digital Terrestrial)	ATSC		
Wi-Fi Direct	Yes	Video Features			
Wi-Fi Frequency	2.4GHz/5GHz	CineMotion/Film Mode/Cinema Drive	Yes		
Wi-Fi Standard	a/b/g/n/ac	Video Signal (analog)	1080p (60)/ 1080i (60)/ 720p (60)/ 480p/480i		
Wireless LAN	Integrated	24p True Cinema	Yes		
Power					
		4:3 Default	Yes		
		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 240 (Native 60Hz) (Enhancer)		



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. User must connect to a Google account to use, including voice to activate linked apps.
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. 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. Upscaled, simulated and enhanced 4K images will vary based on source content.
8. Apps must be compatible with TV.
9. 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 802.11n 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.
10. Chromecast built-in compatibility dependent on app.
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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