

# SONY

## XBR-49X700D

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

Upgrade to the stunning clarity and detail of 4K<sup>1</sup>. Android™ TV<sup>23</sup> opens a world of entertainment and connectivity<sup>1</sup>, while every scene comes to life with the power of 4K X-Reality Pro™. See everything upscaled to impressive 4K Ultra HD with enhanced color, deeper blacks and dramatic brightness. It's a whole new way to watch.



### Bullets

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- Immerse yourself in the world of 4K<sup>1</sup>.
- Enjoy HDR video.
- HD is upscaled to impressive 4K Ultra HD<sup>1</sup>.
- Dramatic brightness and black levels.
- Optimized colors with Precision Color Mapping.
- Android™ TV with Google Cast™, voice search & Play Store apps<sup>2,3</sup>.
- Home automation controlled directly from your TV.
- Send entertainment from your smartphone to you TV with Google Cast™<sup>23</sup>.
- Enjoy thousands of apps from Google Play™<sup>2,3</sup>.

### Features

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#### The world of 4K in front of you

Take your viewing into an exciting new era. 4K images contain over 8 million individual pixels — that's four times more detail than Full HD. Immerse yourself in 4K movies and dramas from a huge choice of 4K content today. And since this new Sony 4K Ultra HD TV is also compatible with future 4K standards, you are ready for any new changes too.

#### Enjoy HDR Video

High Dynamic Range (HDR) will change the way you look at TV. Combined with 4K Ultra HD resolution<sup>1</sup>, 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 (update required for HDR compatibility).

#### 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 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.

#### 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.

#### Every color, enhanced

# SONY

Precision Color Mapping independently analyzes every scene and pixel so the perfect shade and tone are applied dynamically for rich, natural colors.

## 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<sup>2,3</sup>.

## Just say what you want

Spend less time browsing, and more time watching. Using a compatible smartphone or optional Voice Remote, 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<sup>2,3</sup>.

## 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<sup>2,3</sup>.

## 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.

## 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<sup>2,3</sup>.

## 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<sup>2</sup>. You can even customize the content bar to show you the content you go to most often first.

## Specifications

<b>Audio</b>		Standard	Sleep Timer	Yes	
Bass/Treble/Balance	Balance	Cinema	USB Play	Yes (Supported File System: FAT16/FAT32/exFAT/NTFS)	
DSEE/DSEE-HX	DSEE	Live Football Music	USB Play (Contents)	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI(MotifJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / WAV / FLAC / JPEG	
Speaker Configuration	2ch, Full Range (30 x 80mm) x 2	Application Store	Yes (Google Play Store)	Voice Function	Yes
Speaker Position	Down Firing	<b>Convenience Features</b>			
Speaker Type	Bass Reflex	Auto Photo Mode	Yes	<b>Customizing Capability</b>	
<b>Audio Features</b>		Auto Shut-off	Yes	RS-232C Control	Yes
Advanced Auto Volume	Yes	BRAVIA® Sync™	Yes	Illumination LED	Yes
Alternate Audio (Digital)	Yes	Channel Block (with password)	Analog & Digital	Stand Design	Silver Shaft
Audio Out	Fixed / Variable	Google Cast	Yes	<b>Display Features</b>	
Auto Mute (on no signal)	Yes	i-Manual	Yes	Backlight Type	Direct LED
Auto Surround	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	Dimming Type	Frame Dimming
Clear Audio+	Yes	Multiple Language Display	English Spanish French	Display Device	LCD
Clear Phase	Yes	On/Off Timer	Yes	<b>Display</b>	
Digital Out Format	Dolby Digital, DTS, PCM	On-Screen Clock	Yes	Aspect Ratio	16:9
Dolby®	Dolby Digital, Dolby Digital Plus, Dolby Pulse	Parental Control	Yes	Display Resolution	QFHD
Headphone/Speaker Link	Yes	Show/Hide Channels	Yes (Digital & Analog)	Number of pixels(H x V)	3840 x 2160
S-Master	S-Master Digital Amplifier			Screen Size (cm)	123.2 cm
Sony Original Surround	S-Force Front Surround			Screen Size (measured diagonally)	49" (48.5")

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Viewing Angle (Right/Left)	178 (89/89) degree
Viewing Angle (Up/Down)	178 (89/89) degree
<b>Energy Saving &amp; Efficiency</b>	
Dynamic Backlight Control	Yes
Power Consumption (On Mode) for Energy Star	73.56W (For Americas)
Power Saving Modes	Yes
<b>General Features</b>	
ARC HDMI (Audio Return Channel)	Yes
Closed Captions (CC)	Analog Digital
Demo Mode	Yes
Hotel Mode Menu	Yes
<b>Inputs and Outputs</b>	
AC Power Input	1 (Rear)
Analog Audio Input(s) (Total)	2 (1 Analog Conversion / 1 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 Side Analog Conversion / 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™ 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)
<b>Network Features</b>	
Home Network	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI(MotionJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / LPCM / JPEG / FLAC
Internet Browser	Opera (not pre-Installed)
Live Football Mode	Yes
Net AD	Yes (Net Ad operation is depends on ad provider on that region)
Photo Sharing Plus / Photo Share	Yes
Screen mirroring(Miracast)	Yes
Social Viewing	Yes
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
Annual Power Consumption	136kWh/Year
<b>Power</b>	
Power Consumption (In Operation) max.	138W
Power Consumption (In Standby)	120V : 0.50W / 240V : 0.50W
Power Requirements (frequency)	60Hz for UL cUL 50/60Hz for other
Power Requirements (voltage)	AC 120V for UL cUL AC 110-240V for other
<b>Regulation and Standards Compliance</b>	
VESA® Hole Pitch	7 7/8 x 7 7/8 inch (200 x 200 mm)
VESA® Hole Spacing Compatible	Yes
<b>Sensing Features</b>	
LightSensor™ Technology	Yes
<b>Service and Warranty Information</b>	
Limited Warranty Term	12 months
<b>TV System</b>	
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 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
<b>Video</b>	
Video Signal	1080p (60 Hz) 1080i (60 Hz) 720p (60 Hz) 480p 480i
<b>Video Features</b>	
24p True Cinema™ Technology	Yes
4:3 Default	Yes
Advanced Contrast Enhancer (ACE)	Yes
Auto Wide	Yes
Blinking Type	Frame Blinking
Live Color™ Technology	Yes
Mastered in 4K	Yes
Motionflow™ XR Technology	Motionflow XR
PhotoTV HD	Yes (BRAVIA)
Picture Mode	Vivid Standard Custom Cinema Pro Cinema Home Sports Animation Photo-Vivid Photo-Standard Photo-Custom Game Graphics
Video Processing	4K X-Reality PRO
Wide Mode	Normal Full Zoom Wide Zoom Normal / Full1 / Full2 for PC
<b>Weights and Measurements</b>	
Dimensions (Approx.)	TV only: 43 5/8 x 25 3/4 x 3 1/8 (13/16) inch (1107 x 651 x 78 (20.2) mm) TV with stand: 43 5/8 x 27 1/4 x 9 3/8 inch (1107 x 690 x 235 mm)
Packaging (Approx.)	Carton dimensions: 47 7/8 x 30 3/8 x 8 1/4 in (1215 x 770 x 208 mm) Carton weight: 44.1 lbs (20 kg)

# SONY

Weight (Approx.)	TV only: 29.1 lbs (13.2 kg) TV with stand: 31.1 lbs (14.1 kg)
<b>Accessories</b>	
Supplied Accessories	Remote Control (RMT-TX200U) Batteries (R03) AC Power Cord: (Pigtail, US plug type, 2pin, straight shape) IR Blaster (1-849-161-11) Operating Instructions Quick Setup Guide / Supplement CUE (GA) Table Top Stand (Separate, assembly required)
<b>Optional Accessories</b>	
Optional Accessories	Voice Remote Control (RMF-TX200U) Wireless Subwoofer (SWF-BR100)

1. 3,840 x 2,160 pixels.

2. 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.

3. 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 an optional Voice Remote (not included), 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.

4. 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.

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

6. Requires compatible smartphone or optional Voice Remote (not included).

7. Requires HDR compatible content from supporting streaming services, such as Amazon Video, Netflix or Ultra. Update required for HDR compatibility available December 31, 2016. Internet connection required.

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