

# SONY

## KD-55X720E

### 55" class (54.6" diag) 4K HDR Ultra HD TV

Upgrade your viewing experience and dive into reality with 4K HDR<sup>1</sup> entertainment. Witness contrast, color, and clarity deliver an authentic, life-like picture. 4K X-Reality Pro™ brings pictures to life by upscaling every pixel for enhanced clarity.



#### Bullets

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- The dramatic contrast, color and detail of 4K HDR<sup>1, 3</sup>
- 4K X-Reality PRO provides lifelike detail and clarity
- Improved contrast with enhanced brightness and black levels
- Lifelike motion with Motionflow™ XR technology
- Quick access to YouTube™ & Netflix™ with a single click
- Enhanced sound and clear dialog
- Leave no cable exposed with hidden cable routing

#### Features

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##### Uncover the detail with 4K HDR<sup>1, 3</sup>

High Dynamic Range (HDR)<sup>3</sup> 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.

##### 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<sup>1</sup>. See the details appear in buildings and trees as scenes become clearer, smoother and more natural.

##### 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.

##### 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.

##### Quick access for YouTube & Netflix

Access your favorite movies and shows quicker than ever. With YouTube™ and Netflix buttons built into the remote, you are one click away from endless entertainment.

##### Enhanced sound and clear dialog

Make your listening as lifelike as your viewing. ClearAudio+ fine tunes TV sound for an immersive, emotionally enriching experience that seems to surround you. Hear music and dialogue with greater clarity and separation.

##### A masterpiece of design

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

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## Specifications

Audio		Parental Control	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	
Audio Power Output	10W+10W	Photo Frame Mode	Yes		AC Power Input	1 (Rear)
Bass/Treble/Balance	Balance	Scene Select	Photo/ Music/ Cinema/ Game/ Graphics/ HDR/ Sports/Auto	Analog Audio Input(s) (Total)	1 (Bottom)	
DSEE/DSEE-HX	DSEE	Show/Hide Channels	Yes (Digital & Analog)	Audio / Headphone Output(s)	1 (Rear) Hybrid w/ HP Out, Audio Out and Subwoofer Out)	
Speaker Configuration	2ch, Full Range (30 x 80 mm) x 2	Sleep Timer	Yes	Component Video (Y/ Pb/Pr) Input(s)	1 (Bottom Hybrid w/ Composite)	
Speaker Position	Down Firing	Text Input Language	English/Spanish/French	Composite Video Input(s)	1 (Bottom Hybrid w/ Component)	
Speaker Type	Bass Reflex	USB drive format support	Yes (Supported File System: FAT16/FAT32/ NTFS)	Digital Audio Output(s)	1 (Bottom)	
Audio Features		USB playback codecs	MPEG1/MPEG2PS/ MPEG2TS/AVCHD/ MP4Part10/ MP4Part2/AVI(XVID)/ AVI(MotionJpeg)/WMV9/ MKV/WEBM/WAV/MP3/ WMA/JPEG	Ethernet Connection(s)	1 (Bottom)	
Advanced Auto Volume	Yes	Design Features		HDCP	HDCP2.2 (for HDMI1/2/3)	
Alternate Audio (Digital)	Yes	Cable Management	Yes	HDMI inputs total	3 (2 Side/1Rear)	
ARC Output Format	Two channel linear PCM: 48kHz 16bits,Dolby Digital,Dolby Digital Plus,DTS	Frame color	Black	HDMI PC Input Format	640 x 480@60Hz 800 x 600@60Hz 1024 x 768@60Hz 1280 x 1024@60Hz 1152 x 864@75Hz 1600 x 900@60Hz 1680 x 1050@60Hz 1920 x 1080@60Hz	
Audio Out	Fixed / Variable	Stand Design	Gunmetal U Slate		Display Features	
Auto Mute (on no signal)	Yes	Display			Backlight dimming type	Frame Dimming
Auto Surround	Yes	Backlight Type	Edge LED		Backlight Type	Edge LED
Clear Audio+	Yes	Display type	LCD	Display type	LCD	
Clear Phase	Yes	Display		Aspect Ratio	16:9	
Digital audio out (Optical) format	Two channel linear PCM: 48kHz 16bits,Dolby Digital,DTS	Display Resolution	QFHD	Display Resolution	QFHD	
Dolby audio format support	Dolby Digital, Dolby Digital Plus, Dolby Pulse	Display resolution (H x V, pixels)	3840x2160	Display resolution (H x V, pixels)	3840x2160	
DTS audio format support	DTS Digital Surround	Screen Size (cm, measured diagonally)	138.8 cm	Screen Size (cm, measured diagonally)	138.8 cm	
HDMI Audio Return Channel(ARC)	Yes	Screen Size (inch, measured diagonally)	55" (54.6")	Screen Size (inch, measured diagonally)	55" (54.6")	
HDMI input Audio format	Two channel linear PCM (32, 44.1 and 48 kHz, 16, 20 and 24 bits),Dolby Digital,Dolby Digital Plus,DTS	Viewing Angle (Right/ Left)	178(89/89) degree	Viewing Angle (Right/ Left)	178(89/89) degree	
Headphone/Speaker Link	Yes	Viewing Angle (Up/ Down)	178(89/89) degree	Viewing Angle (Up/ Down)	178(89/89) degree	
Simulated Surround Sound	S-Force Front Surround	Energy Saving & Efficiency		Dynamic Backlight Control	Yes	
S-Master	S-Master Digital Amplifier	Power Saving Modes	Yes	General Features		
Sound Modes	Standard, Music, Cinema, Sports	General Features		Closed Captions (CC)	Analog Digital	
Convenience Features		Demo Mode	Yes	Demo Mode	Yes	
Application Store	Yes(Opera Store)	Hotel Mode Menu	Yes	Hotel Mode Menu	Yes	
Auto Shut-off	Yes	Inputs and Outputs		Screen mirroring(Miracast™)	Yes	
Channel Block (with password)	Yes (Analog/Digital)	Wi-Fi Certified	Yes	Wi-Fi Certified	Yes	
HDMI-CEC	Yes	Wi-Fi Direct	Yes	Wi-Fi Direct	Yes	
Multiple Language Display	English, Spanish, French	Wi-Fi Frequency	2.4GHz only	Wi-Fi Frequency	2.4GHz only	
On/Off Timer	Yes					
On-Screen Clock	Yes					

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Wi-Fi Standard	b/g/n
Wireless LAN	Integrated
<b>Power</b>	
Annual Power Consumption	145kWh/Year
Power Consumption (in Operation)	136W
Power Consumption (in Standby)	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

## Regulation and Standards Compliance

VESA® Hole Pitch	11 7/8 x 7 7/8 inch (300 x 200 mm)
VESA® Hole Spacing Compatible	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 System	NTSC
Number of Tuners (Terrestrial/Cable)	1 (Digital / Analog)
On-board Storage (GB)	4GB
OS	Linux
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
CineMotion/Film Mode/Cinema Drive	Yes
24p True Cinema	Yes
4:3 Default	Yes
Auto Wide	Yes
Blinking Type	Frame Blinking
Dynamic Contrast Enhancer	Yes
HDR (High Dynamic Range) compatibility	Yes
Live Color™ Technology	Yes
Mastered in 4K	Yes

Motionflow™ Technology	Native Hz: 60Hz
Motionflow™ XR Technology	Motionflow XR
Panel Refresh Rate (Native Hertz)	60Hz
Picture Modes	Vivid, Standard, Custom, Cinema, Sports, Photo-Vivid, Photo-Standard, Photo-
Video Processing	4K X-Reality PRO
Wide Mode	Wide / Normal / Full / Zoombr Normal / Full1 / Full2 for PC

## Weights and Measurements

Dimensions (Approx.)	TV only: 48 3/4 x 28 1/2 x 2 3/8(9/16) inch (1238 x 722 x 58(13.8) mm) TV with stand: 48 3/4 x 30 5/8 x 10 inch (1238 x 775 x 252 mm) Stand Width: 20 1/2 inch (519 mm) AC Cable Length: 1500 mm
Packaging (Approx.)	Carton dimensions: 52 3/8 x 32 1/2 x 6 5/8 inch (1330 x 824 x 168 mm) Carton weight: 57.3 lb. (26 kg)
Weight (Approx.)	TV only: 39 lb (17.7 Kg) TV with stand: 41 lb (18.6 Kg)

## Accessories

Supplied Accessories	Mini-plug Video Adapter Remote Control (RMT-TX300U) Batteries (R03) AC Power Cord (US, 2pin, Pigtail, Straight) Operating Instructions Quick Setup Guide / Supplement CUE (GA) Table Top Stand (Separate, assemble required)
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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 HDR compatible content from supported streaming services, such as Netflix™ and YouTube™.

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