SONY

KD-43X720E

43" class (42.5" diag) 4K HDR Ultra HD TV

Upgrade your viewing experience and dive into reality with 4K HDR[1] 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

- The dramatic contrast, color and detail of 4K HDR[1,3]
- 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

Uncover the detail with 4K HDR[1,3]

High Dynamic Range (HDR)[3] 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.

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.

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

Audio Power Output	10W+10W
Bass/Treble/Balance	Balance
DSEE/DSEE-HX	DSEE
Speaker Configuration	2ch, Full Range (4 x 10 cm) x 2
Speaker Position	Down Firing
Speaker Type	Open Baffle

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 Mute (on no signal)	Yes
Auto Surround	Yes
Clear Audio+	Yes
Clear Phase	Yes
Digital audio out (Optical) format	Two channel linear PCM: 48kHz 16bits, Dolby Digital, DTS
Dolby audio format support	Dolby Digital, Dolby Digital Plus, Dolby Pulse
DTS audio format support	DTS Digital Surround
HDMI Audio Return Channel(ARC)	Yes
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
Headphone/Speaker Link	Yes
Simulated Surround Sound	S-Force Front Surround
S-Master	S-Master Digital Amplifier
Sound Modes	Standard, Music, Cinema, Sports

Convenience Features

Application Store	Yes(Opera Store)
Auto Shut-off	Yes
Channel Block (with password)	Yes (Analog/Digital)
HDMI-CEC	Yes
Multiple Language Display	English, Spanish, French
On/Off Timer	Yes
On-Screen Clock	Yes
Parental Control	Yes
Photo Frame Mode	Yes
Scene Select	Photo/ Music/ Cinema/ Game/ Graphics/ HDR/ Sports/Auto
Show/Hide Channels	Yes (Digital & Analog)
Sleep Timer	Yes
Text Input Language	English/Spanish/French
USB drive format support	Yes (Supported File System: FAT16/FAT32/ NTFS)
USB playback codecs	MPEG1/MPEG2PS/ MPEG2TS/AVCHD/ MP4Part10/ MP4Part2/AVI(XVID)/ AVI(MotionJpeg)/WMV9/ MKV/WEBM/WAV/MP3/ WMA/JPEG

Design Features

Cable Management	Yes
Frame color	Black
Stand Design	Gunmetal 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)	108.0 cm
Screen Size (inch, measured diagonally)	43" (42.5")
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)	1 (Bottom)
Audio / Headphone Output(s)	1 (Rear) Hybrid w/ HP Out, Audio Out and Subwoofer Out
Component Video (Y/ Pb/Pr) Input(s)	1 (Bottom Hybrid w/ Composite)
Composite Video Input(s)	1 (Bottom Hybrid w/ Component)
Digital Audio Output(s)	1 (Bottom)
Ethernet Connection(s)	1 (Bottom)
HDCP	HDCP2.2 (for HDMI1/2/3)
HDMI inputs total	3 (2 Side/1Rear)
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
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/ HP Out, Audio Out and Subwoofer Out
RF Connection Input(s)	1 (Side)
Subwoofer Out	1 (Rear) Hybrid w/ HP Out, Audio Out and Subwoofer Out
USB Port(s)	3 (Side)

Network Features

Codec for Home Network	MPEG1/MPEG2TS/ AVCHD/ MP4/AVI/WMV/LPCM/ MP3/WMA/JPEG
Home Network Feature	Home Network Client / Home Network Renderer
Internet Browser	Opera (Depends on country)
Opera Apps (System)	Yes
Photo Sharing Plus / Photo Share	Yes
Screen mirroring(Miracast™)	Yes
Wi-Fi Certified	Yes
Wi-Fi Direct	Yes
Wi-Fi Frequency	2.4GHz only

Wi-Fi Standard	b/g/n
Wireless LAN	Integrated
Power	
Annual Power Consumption	111kWh/Year
Power Consumption (in Operation)	101W
Power Consumption (in Standby)	0.50W
Power Requirements (voltage)	AC 110-240V, 50/60Hz (USA / Canada AC 120V, 60Hz) DC 19.5V
Regulation and Standards Compliance	
VESA® Hole Pitch	4 x 7 7/8 inch (100 x 200 mm)
VESA® Hole Spacing Compatible	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 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) compatiblity	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: 38 1/4 x 22 1/2 x 2 7/8(1/2) inch (971 x 571 x 70 (12.5) mm) TV with stand: 38 1/4 x 24 1/2 x 9 5/8 inch (971 x 620 x 242 mm) Stand Width: 22 1/4 inch (653 mm) AC Cable Lenght: 500 mm
Packaging (Approx.)	Carton dimensions: 42 1/8 x 26 1/2 x 6 1/4 inch (1067 x 670 x 156 mm) Carton weight: 33.1 lb.(15 kg)
Weight (Approx.)	TV only: 20.5 lb (9.3 Kg) TV with stand: 22.1 lb (10 kg)
Accessories	
Supplied Accessories	Mini-plug Video Adapter Remote Control (RMT-TX300U) Batteries (R03) AC Power Cord (Inlet C7, 2pin, Straight) AC Power Adaptor (ACDP-120E03) 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, Ultra and Amazon Video.