

SONY

KD55X80J

X80J 4K HDR LED with Smart Google TV (2021)

Enjoy a 4K HDR smart TV experience with natural color and clear sound. The powerful X1 4K HDR Processor reduces digital noise and boosts details for lifelike picture quality. Google TV gives you access to all your favorite streaming apps, while Google Assistant easily searches for content and controls your smart home simply by using your voice.



Bullets

- 4K HDR PROCESSOR X1™ – Powerful TV processing that delivers a picture that is smooth and clear, full of rich colors and detailed contrast.
- TRILUMINOS PRO™ – Reproduces more colors than a conventional TV resulting in picture quality that is natural and precise, and closer than ever to real life.
- GOOGLE TV™ – See 700,000+ movies and TV episodes, plus live TV, all in one place. Google TV brings your favorite content from across your apps and subscriptions and organizes them just for you. Watch content from Netflix, Amazon Prime Video, Disney+, YouTube, the Apple TV app, and many more.¹
- MOTIONFLOW XR™ – On-screen motion stays smooth and clear, allowing fast moving sequences in sports, action movies, and games to be seen with lifelike clarity.
- 4K X-REALITY PRO™ – Our unique 4K database upscales all the HD content you love to near-4K resolution bringing back real-world detail and texture.²
- HIGH DYNAMIC RANGE (HDR) & DOLBY Vision™ – Enjoy immersive and engaging cinematic content as the creator intended with HDR3 and Dolby Vision4.
- GOOGLE ASSISTANT – Use your voice to easily find your favorite movies, shows, and music. Get answers on screen, control smart home devices, and more.
- APPLE AIRPLAY – Works with AirPlay 2 to easily stream content from your Apple device.⁵
- ULTRA-SLIM WALL MOUNT COMPATIBLE – Hang your TV like a work of art with the optional SU-WL855 ultra-slim wall-mount bracket available for 55” class, 65” class, and 75” class X80J series TVs.⁶

Features

4K HDR processor X1™

Our powerful processor uses advanced algorithms to cut noise and boost detail. With an even clearer 4K signal, everything you watch is closer to 4K resolution, full of lifelike color and contrast.

TRILUMINOS PRO™

Our TVs with a wide color gamut and unique TRILUMINOS PRO™ algorithm can detect color from saturation, hue, and brightness to reproduce natural shades in every detail. You'll enjoy colors that are closer to those seen in the real world.



Object-based HDR remaster

With Object-based HDR remaster, the color in individual objects on-screen is analyzed and the contrast adjusted, unlike most TVs where contrast is only adjusted along one black-to-white contrast curve. Because objects are remastered individually, this TV can reproduce greater depth, textures, and more realistic pictures.

4K X-Reality™ PRO

See glorious 4K pictures, rich with real world detail and texture, exclusively powered by our 4K HDR processor X1™. Images filmed in 2K and even Full HD are upscaled close to 4K resolution by 4K X-Reality™ PRO using a unique 4K database.

Motionflow™ XR

Enjoy smooth and sharp details even in fast-moving sequences with Motionflow™ XR. This innovative technology creates and inserts extra frames between the original ones. It compares key visual factors on successive frames, then calculates the split second of missing action in the sequences. Some models also include black-frame insertion for a blur-free and truly cinematic look.

X-Balanced Speaker

Designed to complement the sound quality and slimness of the TV with its unique new shape, our X-Balanced Speaker drives movies and music with clear sound.

Google TV™

Browse 700,000+ movies and TV episodes from across your streaming services, all in one place and organized into topics and genres based on what interests you.

Google Assistant

Your TV is more helpful than ever. Use your voice to find movies, stream apps, play music, and control the TV. Ask Google to find a specific title, search by genre, or get personalized recommendations by saying, "what should I watch?" Even get answers like sports scores, control smart-home devices, and more. Talk to Google to get started.

Works with Alexa

Connect your Alexa-enabled devices for seamless hands-free control of a Sony TV. With Alexa, you can power up your TV, change channels, control volume, and more.

Works with Apple AirPlay / Apple HomeKit

With Apple AirPlay, you can stream video and audio to your television right from your iPhone, iPad, or Mac. Watch movies and shows from Apple TV app, your favourite apps, or even Safari. Share your photos with everyone in the room.

Chromecast built-in

Chromecast lets you cast your favorite videos, games, and apps from your mobile device, in full quality, to your Chromecast-built-in TV. Just one tap of the Cast button on your Android or iOS screen is all you need to supersize the things you love. Cast your content then continue browsing on your phone or tablet.

SONY

Smart remote

All your connected devices can be controlled with our smart commander. One-button access to video-on-demand services brings shows and movies into your room in seconds.

Light Sensor

On conventional TVs, brightness stays the same regardless of light in a room, resulting in pictures that are too dark or bright. This TV includes a light sensor that optimizes picture brightness to room conditions, boosting brightness in light rooms and reducing it in dark ones so you get the perfect view.

Dolby Vision® and Dolby Atmos®

Enjoy cinematic thrills at home. Dolby Vision® brings scenes vividly to life for authentic viewing, while Dolby Atmos® fills the room with immersive surround sound.

Ambient optimization

Sit back and enjoy an enthralling viewing experience. Our unique ambient optimization technology with light sensor automatically adjusts picture and sound to your environment.

Sound optimization for your room

Sound experience can change depending on your room environment. For example, curtains absorb sound, while objects in front of the TV can disturb the passage of sound, compromising the quality of what you hear. This TV detects objects and reproduces sound that's enhanced and optimized to your room.

Specification

Accessibility	
Accessibility Shortcut	Yes
Audio Description (Audio key)	Yes
Closed Caption	Closed Caption
Screen Reader	Yes
Text Magnification	Yes
Voice Search	Yes
Accessories	
Optional accessories	Wallmount Bracket (SU-WL855 [Refer to Country/Area Handling Chart]). Depends on country selection
Built-in Tuner	
CI+	-
Number of Tuners (Sat)	-

SONY

Number of Tuners (Terrestrial/Cable)	1(Digital/Analog)
TV System (Analog)	M
TV System (Digital Cable)	Clear QAM
TV System (Digital Sat)	-
TV System (Digital Terrestrial)	ATSC/ATSC 3.0(NEXTGEN TV)
Tuner Channel Coverage (Analog)	VHF: 2-13/UHF: 14-69/CATV: 1-135
Tuner Channel Coverage (Digital Cable)	CATV: 1-135
Tuner Channel Coverage (Digital Terrestrial)	VHF: 2–13/UHF: 14–69 (14–36 for ATSC 3.0)
Connectivity	
APPLE AIRPLAY	Yes
APPLE HOMEKIT	Yes
Audio Output(s)	-
Bluetooth profile support	version 4.2; HID (mouse/keyboard connectivity)/HOGP (Low Energy device connectivity)/SPP(Serial Port Profile)/A2DP (stereo audio) /AVRCP (AV remote control)
CHROMECAST BUILT-IN	Yes
Component Video (Y/Pb/Pr) Input(s)	No
Composite Video Input(s)	1 (Side, Mini jack)
Digital Audio Output(s)	1 (Side)
Ethernet inputs	1 (Side)
HDCP	HDCP 2.3 (for HDMI™ 1/2/3/4)
HDMI Audio Return Channel (ARC)	Yes (eARC/ARC)
HDMI inputs total	4 (4 side)
HDMI-CEC	Yes
Headphone Output(s)	1 (Side)
IF (satellite) input(s)	No
RF (Terrestrial/Cable) Connection Input(s)	1 (Side)

SONY

RS-232C Input(s)	1 (Side)
Subwoofer Output(s)	-
USB HDD Recording	No
USB drive format support	FAT16/FAT32/exFAT/NTFS
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)/LPCM/WAV/MP4AAC/FLAC/JPEG; WEBM: VP9/AC4/ogg/AAC/ARW (Screen nail only)
USB ports	2 (side)
Wi-Fi Standard	Wi-Fi Certified 802.11a/b/g/n/ac
Design	
BEZEL COLOR	Black
BEZEL DESIGN	Narrow Bezel
REMOTE CONTROL	Standard Remote
STAND COLOR	Black
STAND POSITION	-
Stand design	Slim Blade stand
Dimensions and Weight	
DIMENSION OF TV WITH STAND (STANDARD POSITION) (W x H x D)	49 x 31 x 13-3/8 inch (1,243 x 787 x 338 mm)
Dimension of Package Carton (W x H x D)	53-1/8 x 33-1/8 x 6-3/8 inch (1,348 x 840 x 160 mm) 53-1/4 x 33-1/4 x 6-1/2 inch (1,350 x 844 x 162 mm)
Dimension of TV without Stand (W x H x D)	49 x 28-3/8 x 2-7/8 inch (1,243 x 719 x 71 mm)
SCREEN SIZE (CM, MEASURED DIAGONALLY)	139 cm
STAND WIDTH (STANDARD POSITION)	38-3/4 inch (983 mm)
Screen Size (inch, measured diagonally)	55" (54.6")
VESA® Hole Pitch(W x H)	11.81 x 11.81 inch (300 x 300 mm)

SONY

Weight of Package Carton (Gross)	50.7 lb (23 kg)
Weight of TV without Stand	34.6 lb (15.7 kg)
Model year	
Model year	2021
Picture (Panel)	
Backlight dimming type	Frame Dimming
Backlight type	Direct LED
Display resolution (H x V, pixels)	3840 x 2160
Display type	LCD
Viewing Angle (X-Wide Angle)	-
Picture (processing)	
Clarity enhancement	4K X-Reality™ PRO
Color enhancement	TRILUMINOS PRO™ Live Color™ Technology
Contrast enhancement	Object-based HDR remaster Dynamic Contrast Enhancer
HDR (High Dynamic Range) compatibility	Yes (HDR10, HLG, Dolby Vision)
Motion enhancer (Native Hz)	Motionflow™ XR 240 (Native 60 Hz), Auto mode
Picture modes	Vivid, Standard, Cinema, Game, Graphics, Photo, Custom, Dolby Vision Bright, Dolby Vision Dark
Picture processor	4K HDR Processor X1™
SENSOR	Light
Video signal support	HDMI™ signal: 4096 x 2160p (24, 60 Hz), 3840 x 2160p (24, 30, 60 Hz), 1080p (30, 60 Hz), 1080/24p, 1080i (60 Hz), 720p (30, 60 Hz), 720/24p, 480p
Power and Energy saving	
ANNUAL ENERGY CONSUMPTION*	179 kWh per year
Dynamic Backlight Control	Yes
ECO FRIENDLY	Yes

SONY

Mercury content (mg)	-
Power Consumption (On Mode) for Energy Star	-
Power Consumption (Standby Mode) for Energy Star	-
Power Consumption (in Standby)	0.5 W
Power Requirements (voltage/frequency)	60 Hz for UL cUL 50/60 Hz for other AC 120 V for UL cUL AC 110-240 V for other
Power Saving Mode/Back Light Off Mode	Yes
Presence of lead	-
SCREEN SIZE (CM, MEASURED DIAGONALLY)	139 cm
Screen Size (inch, measured diagonally)	55" (54.6")
Software	
Application Store	Yes (Google Play Store)
Auto Calibration with CalMAN®	Yes
BUILT-IN MIC SWITCH	-
Closed Captions (Analog/Digital)	(Analog) Closed Caption (Digital) Closed Caption
Display Language	AFRIKAANS, AMH, ARABIC, ASSAMESE, AZE, BEL, BULGARIAN, BENGALI, BOSNIAN, CATALAN, CZECH, DANISH, DEU, GREEK, ENGLISH, SPANISH, ESTONIAN, BAQ, PER, FINNISH, FRENCH, GLG, GUJARATI, HINDI, CROATIAN, HUNGARIAN, INDONESIAN, ISL, ITALIAN, HEBREW, JAPANESE, KAZAKH, KANNADA, KOR, KIR, LAO, LITHUANIAN, LATVIAN, MACEDONIAN, MALAYALAM, MON, MARATHI, MAY, BUR, NOB, NEP, NLD, ORIYA, PANJABI, POLISH, PORTUGUESE, ROMANIAN, RUSSIAN, SOL, SLOVENIAN, ALB, SERBIAN, SWEDISH, SWAHILI, TAMIL, TELUGU, THAI, TGL, TURKISH, UKRAINIAN, URD, UZB, VIETNAMESE, SIMPLIFIED CHINESE, TRADITIONAL CHINESE , ZULU
Electronic Program Guide (EPG)	Yes
Internet Browser	Vewd (not pre-installed)
On-board Storage (GB)	16 GB



On/Off Timer	Yes
Operating System	Android TV™
Sleep Timer	Yes
Teletext	No
Text Input Language	ENGLISH / FRENCH / GERMAN / HEBREW / ITALIAN / RUSSIAN / SPANISH / VIETNAMESE / JAPANESE
Voice Search	Yes
Sound (Processing)	
ACOUSTIC AUTO CALIBRATION	Room Compensation
DTS audio format support	DTS Digital Surround
Dolby audio format support	Dolby™ Audio, Dolby™ Atmos
FM Radio	No
Sound modes	-
Sound processing	No
VOICE ZOOM	-
Sound (Speakers and Amplifier)	
Audio Power Output	10 W + 10 W
Speaker Configuration	Full Range (Bass Reflex) x 2
Speaker Type	Bass Reflex Speaker X-Balanced Speaker

¹User must connect to a Google account to use, including voice to activate linked apps. 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 separate or third-party 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. App availability varies by region and device. Use of this TV requires consent to Google Terms of Service (<http://www.google.com/policies/terms/>) and Privacy Policy (<http://www.google.com/policies/privacy/>).

²4K: 3,840 x 2,160 pixels. Upscaled, simulated and enhanced 4K images will vary based on source content.

³Requires HDR compatible content from supported streaming services or HDR compatible content device connected via HDMI input (sold separately).

⁴Dolby Vision content compatible with streaming services or compatible content device connected via HDMI input (sold separately).

⁵This Sony TV is compatible with AirPlay 2 and HomeKit. iOS 12.2 or later or macOS 10.14.4 or later is required. Apple ID account required. Subscriptions may be required to access certain content.

⁶SU-WL855 wall-mount bracket is available for select Sony OLED and LED models ranging from 55" class to 75" class. TV and wall mount system sold separately. Hardware included with wall-mount bracket.

© 2021 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited.

SONY

Sony, BRAVIA, Processor X1, Triluminos Pro, Motionflow XR, X-Reality Pro, and the Sony logo are trademarks of Sony Corporation. Google, Google TV and related logos are trademarks of Google LLC. All other trademarks are trademarks of their respective owners. Features and specifications are subject to change without notice. Screen images simulated.