

SONY

KD55X80J

Sony X80J 4K HDR LED TV

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 – Seamlessly browse 700,000+ movies and TV episodes from across your favorite streaming services, all in one place. 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

Enjoy your favorite content with rich colors and detailed contrast

The 4K HDR Processor X1™ powers the X80J TV to deliver a picture that is full of rich colors and detailed contrast. Complimented by a multitude of advanced features, such as TRILUMINOS™ Pro providing a wider spectrum of color, Motionflow XR™ for smooth and clear action, and 4K X-Reality PRO™ which enhances anything you watch to near-4K quality. Enjoy your favorite content just as the creator's intended, powered by the 4K HDR Processor X1.

Advanced color and gradation



By widening the color spectrum, TRILUMINOS™ Pro, powered by the 4K HDR Processor X1™, reproduces more colors than a conventional television. It analyzes and processes data in every image to make colors even more natural and precise, so picture quality is closer than ever to real life. See exactly what the creator intended with the advanced color and gradation of TRILUMINOS Pro.

The entertainment you love. With help from Google.

See 700,000+ movies and TV episodes all in one place. Google TV brings your favorite content from across your apps and subscriptions and organizes them just for you. Searching is easy – just ask Google. Press the Google Assistant button on your remote and just say “find action movies” or “show me sci-fi adventure TV shows” to search across your favorite apps.¹

Smooth and clear, even in fast scenes

TV that keeps up with real life. Motionflow XR™ refresh rate technology keeps movement smooth and clear, allowing fast moving action sequences in sports and movies to be seen with lifelike clarity.

Upscale everything you watch

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

Dazzling detail and color with HDR and Dolby Vision™

High Dynamic Range (HDR)³ picture is the way TV was always meant to be watched. Ultra-high resolution and HDR video content combine to bring dazzling detail, color, and contrast to everything you watch, while keeping a far wider range of brightness. Dolby Vision™ brings scenes to life with striking highlights, deeper darks, and vibrant colors.⁴ Sony TVs deliver picture-perfect reality, creating an immersive and engaging cinematic experience.

Watch what you love, control it with your voice

Your TV is now 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 on what to watch by saying, “what should I watch?” Even get answers on screen, control smart home devices, and more. Press the Google Assistant button the remote to get started.¹

All your favorite streaming apps in one place

Sony Google TVs give you access to all your favorite streaming apps in one place. Including Netflix, Amazon Prime Video, Disney+, YouTube, the Apple TV app, and many more. Get access to all your favorite movies and TV shows in a simple, easy-to-navigate interface and use Google

SONY

Assistant to quickly find new content to watch.¹

Works with AirPlay 2

With Apple AirPlay 2, you can share pictures, video, or audio to your television right from your iPhone, iPad, or Mac. Watch movies and shows from your favorite apps and the Apple TV app, or even from Safari. Share your photos with everyone in the room.⁵

Mount your Sony TV like a work of art

Make the most of your living space. The optional SU-WL855 ultra slim wall-mount bracket is designed to hang select Sony BRAVIA™ OLED and LED TVs flush to the wall, just like any other work of art. Pull out your TV and swivel it left to right to adjust the screen angle for optimal viewing.⁶ (Available for 55" class, 65" class, 75" class X80J series TVs)

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)	-
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)
Features specified in HDMI2.1	eARC
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)
RS-232C Input(s)	1 (Side)

SONY

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

SONY

ECO FRIENDLY	Yes
Mercury content (mg)	0.0 oz
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, 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.