



## KD85X85J

### Sony X85J 4K HDR LED TV

Smart, powerful, and beautiful, the X85J is designed for all your favorite content. Powered by the X1 4K HDR Processor, super-bright 4K HDR pictures come to life with vivid color and realistic contrast. With enhanced Motionflow technology and Google TV, all available in a wide range of sizes, your favorite content just found a new home.

### Bullets

---

- 4K HDR PROCESSOR X1™ – Powerful TV processing that delivers a picture that is smooth and clear, full of rich colours and detailed contrast.
- TRILUMINOS PRO™ – Reproduces more colours 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.<sup>1</sup>
- 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.<sup>3</sup>
- HIGH DYNAMIC RANGE (HDR) & DOLBY Vision™ – Enjoy immersive and engaging cinematic content as the creator intended with HDR4 and Dolby Vision5.
- GOOGLE ASSISTANT – Use your voice to easily find your favourite movies, shows, and music. Get answers on screen, control smart home devices, and more.<sup>1</sup>
- APPLE AIRPLAY – Works with AirPlay 2 to easily stream content from your Apple device.<sup>6</sup>
- 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 X85J series TVs.<sup>7</sup>

### Features

---

#### Enjoy your favourite content with rich colours and detailed contrast

The 4K HDR Processor X1™ powers the X85J TV to deliver a picture that is full of rich colours and detailed contrast. Complimented by a multitude of advanced features, such as TRILUMINOS™ Pro providing a wider spectrum of colour, Motionflow XR™ for smooth and clear action, and 4K X-Reality PRO™ which enhances anything you watch to near-4K quality. Enjoy your favourite content just as the creator's intended, powered by the 4K HDR Processor X1.

#### Advanced colour and gradation

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



### **The entertainment you love. With help from Google.**

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. Searching is easy – just ask Google. Press the Google Assistant button on your remote and try saying “find action movies” to search across your favorite apps.<sup>1</sup>

### **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.<sup>3</sup>

### **Dazzling detail and colour with HDR and Dolby Vision™**

High Dynamic Range (HDR)<sup>4</sup> picture is the way TV was always meant to be watched. Ultra-high resolution and HDR video content combine to bring dazzling detail, colour, 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 colours.<sup>5</sup> 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, see security cameras, and more. Press the Google Assistant button on the remote to get started.<sup>1</sup>

### **All your favourite streaming apps in one place**

Sony TVs with Google TV give you access to all your favourite streaming apps in one place. Including Netflix, Amazon Prime Video, Disney+, YouTube, the Apple TV app, and many more. Get access to all your favourite movies and TV shows in a simple, easy-to-navigate interface and use Google Assistant to quickly find new content to watch.<sup>1</sup>

### **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.<sup>5</sup>

### **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.<sup>7</sup> (Available for 55" class, 65" class, 75" class X85J series TVs)

## Specification

Common Item	
8 digit code	12482600
Model Year	2021
TV System	
Intelligent Signal Booster	-
Tuner Channel Coverage (Analog)	VHF: 2-13/UHF: 14-69/CATV: 1-135
TV System (Digital Terrestrial)	ATSC/ATSC3.0(NEXTGEN TV)
Tuner Channel Coverage (Digital Terrestrial)	VHF: 2-13/UHF: 14-69(14-36 for ATSC3.0)
TV System (Digital Cable)	Clear QAM
Tuner Channel Coverage (Digital Cable)	CATV: 1-135
TV System (Digital Sat)	-
Tuner Channel Coverage (Digital Sat)	-
Number of Tuners (Terrestrial/Cable)	1(Digital/Analog)
Number of Tuners (Sat)	-
Color Space	sRGB,BT709,BT2020,AdobeRGB,DCI
TV System (Analog)	M
CI+	-
Color System	NTSC
Operating System	Google TV
On-board Storage (GB)	16GB
Display Features	
X-Wide Angle	-
Pixel Contrast Booster	Yes
Rich Color Enhancer	-

# SONY

Screen Size for  
WEB(diagonal, cm, integer  
or 1st decimal) -

Screen Size for  
WEB(diagonal, cm, integer  
or 1st decimal) LED

## Display Specs

Screen Size for  
WEB(diagonal, cm, integer  
or 1st decimal) 215 cm

Screen Size (inch, measured  
diagonally) -

Viewing Angle (Right/Left) 3840 x 2160

Viewing Angle (Up/Down) 85"(84.6")

Display Resolution QFHD

Aspect Ratio 16:9

Display Resolution QFHD

Aspect Ratio 16:9

## Video Features

Object-based Super  
Resolution XR Super Resolution

Peak Luminance -

TRILUMINOS TRILUMINOS PRO

HDR Remaster Object-based HDR remaster

Smoothing -

Clear Resolution Enhancer -

Face Area Detection Yes

Precision Color Mapping - (Integrated into XR Triluminos Pro)

LED Motion Mode -

Panel Refresh Rate (Native  
Hertz) 120Hz

# SONY

Mastered in 4K	-
Picture modes	Vivid,Standard,Cinema,Game,Graphics,Photo,Custom,Dolby Vision Bright,Dolby Vision Dark
Auto Wide	Yes
Wide Mode	Wide Zoom/Normal/Full/Zoom,Normal/Full1/Full2 for PC
4:3 Default	Yes
Video Processing	4K X-Reality PRO
Motion enhancer	Motionflow XR 960 (Native 120Hz), Auto mode
24p True Cinema	Yes
Live Colour™ Technology	Yes
PhotoTV HD / BRAVIA for China	Yes
CineMotion/Film Mode/Cinema Drive	Yes
4K Processor	4K HDR Processor X1
HDR (High Dynamic Range) compatibility	Yes(HDR10,HLG,Dolby Vision)
Dual database processing	Yes
Dynamic Contrast Enhancer	Yes
<b>Audio Specs</b>	
Channel	2ch
Speaker Position	Down Firing
Bass/Treble/Balance	Balance
Speaker Type	Bass Reflex Speaker
Audio Power Output	10W + 10W
Speaker Configuration type	Full Range (Bass Reflex) (35 x 85mm) x 2
DSEE/DSEE-HX	-



Digital audio out (Optical) format	Two channel linear PCM: 48kHz 16bits, Dolby Audio, DTS
<b>Audio Features</b>	
Vertical Surround Engine	Vertical Surround Engine
Acoustic Auto Calibration	Room Compensation
Speaker Type-2	X-Balanced Speaker
Clear Phase	Yes
Clear Audio+	-
Auto Surround	Yes
DTS audio format support	DTS Digital Surround
Sound modes	Standard, Dialog, Cinema, Music, Sports, Dolby Audio
S-Master	S-Master Digital Amplifier
Simulated surround sound	-
Dolby audio format support	Dolby Audio, Dolby Atmos
Voice Zoom	-
HDMI Audio Return Channel(ARC)	Yes (eARC/ARC)
Advanced Auto Volume	Yes
Auto Mute (on no signal)	Yes(Audio only)
FM Radio	-
Audio Out	-
Headphone/Speaker Link	-
HDMI input Audio format	5.1 channel linear PCM: 32/44.1/48/88.2/96/176.4/192kHz 16/20/24bits, Dolby Audio, Dolby Atmos, DTS
ARC output format	Two channel linear PCM: 48kHz 16bits, Dolby Audio, Dolby Atmos, DTS
<b>Network Features</b>	
USB Tethering	-
Apple AirPlay	Yes
Apple HomeKit	Yes
Home Network Feature	Home Network Client, Home Network Renderer
Wi-Fi Direct	Yes



Wi-Fi Certified	Yes
Screen mirroring(Miracast™)	Yes (only for B2B purpose)
Video & TV SideView (iOS/Android)	Yes
Related Info	Yes (US / Canada / MX(STB))
Wi-Fi Standard	a/b/g/n/ac
Wi-Fi Frequency	2.4GHz/5GHz(for Wi-Fi Direct: 2.4GHz Only)
Photo Sharing Plus / Photo Share	-
Internet Browser	Vewd (Not pre-installed)
Codec for Home Network	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC/MP4(XAVCS):AVC,MPEG4,HEVC/AVI:Xvid,MotinJpeg/ASF(WMV):VC1/MOV:AVC,MPEG4,MotionJpeg/MKV:Xvid,AVC,MPEG4,VP8.HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/LPCM/WAV/MP4 AAC/FLAC/JPEG,WEBM:VP9/AC4/ogg/AAC/ARW(Screen nail only)
Wireless LAN	Integrated
<b>Convenience Features</b>	
TalkBack	Yes
Variable Refresh Rate (VRR)	Yes (for HDMI3/4)*1
Auto Low Latency Mode (ALLM)	Yes (for HDMI3/4)
Features specified in HDMI2.1	4K120/eARC/VRR*1 /ALLM
Built-in Mic switch	-
X-Protection PRO	Y (with Lightning, Surge, Humidity Protection)
Electronic Program Guide (EPG)	Yes
USB HDD Recording	-
Twin Picture	-
Photo Frame Mode	-



USB playback codecs	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC/MP4(XAVCS):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/MP4 AAC/FLAC/JPEG,WEBM:VP9/AC4/ogg/AAC/ARW(Screen nail only)
Built-in Mic	Yes
Screen Reader	Yes
Audio Description	Yes
Text Magnification	Yes
Accessibility Shortcut	Yes
Switch Access	Yes
Auto Picture Mode	Yes
Text Input Language	ENG / FRA / GER / HEB / ITA / RUS / SPA / VIE / JPN
Chromecast built-in	Yes
Voice Search	Yes
Application Store	Yes (Google Play Store)
HDMI-CEC	Yes
Control for HDMI (HDMI CEC)	-
Scene Select	-
i-Manual	Yes
Parental Control	Yes
Channel Block (with password)	Analog & Digital
Show/Hide Channels	Yes(Digital&Analog)
On Screen Clock	Yes
Sleep Timer	Yes
On/Off Timer	Yes
USB drive format support	Yes (Supported File System: FAT16/FAT32/exFAT/NTFS)





Display Language	AFR,AMH,ARA,ASM,AZE,BEL,BUL,BEN,BOS,CAT,CZE,DAN,DE U,GRE,ENG,SPA,EST,BAQ,PER,FIN,FRA,GLG,GUJ,HIN,HRV,H UN,IND,ISL,ITA,HEB,JPN,KAZ,KAN,KOR,KIR,LAO,LIT,LAV,MAC ,MAL,MON,MAR,MAY,BUR,NOB,NEP,NLD,ORI,PAN,POL,POR, RUM,RUS,SOL,SLV,ALB,SRP,SWE,SWA,TAM,TEL,THA,TGL,TU R,UKR,URD,UZB,VIE,zh_CN,zh_HK,zh_TW,ZUL
Auto Shut-off	Yes
<b>Sensing Features</b>	
Sensor	Light
<b>Energy Saving &amp; Efficiency</b>	
EE Class for Egypt	-
EEA SDR RANK	-
ECO Friendly	Yes
On mode power 1000h SDR(New lot5)	-
ErP Rank For EU	-
Peak luminance ratio for EU	-
Mercury content(mg)	-
Lead Content	-
Power Consumption (On Mode) for Energy Star (For Americas)	-
Power Consumption (Standby Mode) for Energy Star (For Americas)	-
Energy Star® compliant	-
Dynamic Backlight Control	Yes
Power Saving Mode / Back Light Off Mode	Yes
<b>General Features</b>	
Auto Calibration with CalMAN	Yes
Netflix Calibrated mode	Yes
Tencent Calibrated mode	Yes

# SONY

IMAX Certified Model	-
Closed Captions (Analog)	Yes
BRAVIA CORE	-
Closed Captions (Digital)	Closed Caption
Demo Mode	Yes(e-POP only)
Emergency Warning System	-
Hotel Mode Menu	-
<b>Broadcast Features</b>	
Teletext	-
Teletext number of pages	-
<b>Customizing Capability</b>	
RS-232C Control	Yes
<b>Design Features</b>	
Stand Position	-
Stand Color	Black
Bezel Design	Aluminum Bezel
Cable Management	Yes
Frame color	Black
Stand Design	Slim Blade stand
Illumination LED	-
Stand Swivel	-
Stand Tilt	-
<b>Inputs and Outputs</b>	

# SONY

Media Connect	-
HDMI Signal	4096x2160p(24,60Hz), 3840x2160p(24,30,60,120Hz)*2 , 1080p(30,60,120Hz), 1080/24p, 1080i(60Hz), 720p(30,60Hz), 720/24p, 480p
HDCP	HDCP2.3(for HDMI1/2/3/4)
Bluetooth profile support	version 4.2,HID/HOGP/SPP/A2DP/AVRCP
4K 60P High-Quality formats	HDMI IN1, IN2 ports for 4K(up to 18Gbps) signal, HDMI IN3, IN4 port for 4K(up to 48Gbps) signal
AC Power Input	C8 INLET(REAR)
RF (Terrestrial/Cable) Connection Input(s)	1(Side)
IF (Satellite) Input(s)	-
Composite Video Input(s)	1(Side, Mini jack)
Component Video (Y/Pb/Pr) Input(s)	-
HDMI inputs total	4(4Side)
PC In (D-Sub) + Audio In (Stereo Mini)	-
Analog Audio Input(s) (Total)	1(Side Analog Conversion)
Digital Audio Output(s)	1(Side)
Audio Output(s)	-
Headphone Output(s)	1(side)
Subwoofer Output(s)	-
USB ports	2(Side)
Ethernet inputs	1(Side)
RS-232C Input(s)	1(Side)
PCMCIA Slot(s)	-
HDMI PC Input Format	640x480(31.5kHz,60Hz), 800x600(37.9kHz,60Hz), 1024x768(48.4kHz,60Hz), 1280x1024(64.0kHz,60Hz), 1152x864(67.5kHz,75Hz), 1600x900(55.9kHz,60Hz), 1680x1050(65.3kHz,60Hz), 1920x1080(67.5kHz,60Hz), 3840x2160p(30Hz), 3840x2160p(60Hz, 8bits)

# SONY

Power	
Annual Power consumption For Jordan	-
Power Consumption (Home Mode) for WEB	-
Power Requirements (voltage)	AC 120V for UL cUL AC 110-240V for other,-
Power Requirements (frequency)	60Hz for UL cUL 50/60Hz for other
Rated Power Consumption	374 W
Power Consumption (in Standby)	0.5 W
Annual Power Consumption	339 kWh per year
Power consumption(Networked Standby)	-
Regulation and Standard Compliance	
VESA® Hole Spacing Compatible	Yes
VESA® Hole Pitch(W x H)	400 x 400 mm / 15 3/4 x 15 3/4 inch
Measurements (Approx.)	
TV with Stand (Standard position) (W x H x D)	1899 x 1176 x 456 mm / 74 7/8 x 46 3/8 x 18 inch
TV with Stand (Narrow position) (W x H x D)	-
TV with Stand (Soundbar position) (W x H x D)	-
Stand width (Standard position)	1532 mm / 60 3/8 inch
Stand width (Narrow position)	-
Stand width (Soundbar position)	-

# SONY

AC Power Adapter size(W x H x D)	-
DC Cable length of AC adaptor(mm)	-
Dimension of TV without Stand (W x H x D)	1899 x 1089 x 71 mm / 74 7/8 x 42 7/8 x 2 7/8 inch
Dimension of Package Carton (W x H x D)	2035 x 1238 x 243 mm / 80 1/4 x 48 3/4 x 9 5/8 inch
AC Cable Length	1600mm
Dimension of TV with Floor Stand (W x H x D)	-
Floor Stand Width	-
<b>Weights (Approx.)</b>	
Weight of TV without Stand	12.7 kg / 28 lb
Weight of TV with Floor Stand	-
TV with Stand (Standard position)	13.3 kg / 29.3 lb
TV with Stand (Narrow position)	-
TV with Stand (Soundbar position)	-
Weight of Package Carton(Gross)	19 kg / 41.9lb.
<b>Carton Spec</b>	
Max Qty of carton stacking (vertical)	6
Max Qty of carton stacking (horizontal) *only for Shop Front	0
<b>Supplied Accessories</b>	
Remote Control	-
AC Plug Convertor	-



Wall-Mount Bracket	-
Android TV Setup Guide	-
Batteries	LR03
Floor Stand (Supply)	-
AC Power Adaptor	-
AC Power Adaptor	-
AC Power Cord Spec	Bundle (C7L) (US) (2pin) (flat blades)
IR Blaster	-
Support Belt	-
Operating Instructions	US,FR,ES
Quick Setup Guide / Supplement CUE (GA)	US,FR,ES,PT
<b>Optional Accessories</b>	
VC Camera and MIC	-
Floor Stand (Option)	-
Wallmount Bracket	SU-WL855(Refer to Country/Area Handling Chart)
<b>Video Specs</b>	
Video Signal (analog)	-
<b>Supplied Accessories</b>	
Voice Remote Control (Supply)	RMF-TX520U

<sup>1</sup>User must accept Google Terms of Service (<http://www.google.com/policies/terms/>), Play Terms of Service ([https://play.google.com/intl/en-US\\_us/about/play-terms/index.html](https://play.google.com/intl/en-US_us/about/play-terms/index.html)) and Privacy Policy (<http://www.google.com/policies/privacy/>) to use TV. User must connect to a Google account to use certain advertised features, including voice to activate linked apps, and install certain apps and operating software during setup. Use of TV without connecting to a Google account allows only basic TV features and certain apps. Wireless connectivity requires 802.11 home network (802.11n recommended). Network services, content, 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.

<sup>2</sup>4K: 3,840 x 2,160 pixels. Game title supporting 4K/120fps required.

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

<sup>4</sup>Requires HDR compatible content from supported streaming services or HDR compatible content device connected via HDMI input (sold separately).

<sup>5</sup>Dolby Vision content compatible with streaming services or compatible content device connected via HDMI input (sold separately).

<sup>6</sup>This 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.

# SONY

<sup>7</sup>SU-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.