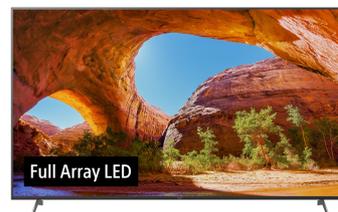


SONY

KD85X91J

Sony X91J 4K HDR LED TV

Rediscover everything you watch with a superb 4K HDR picture. Powered by the 4K HDR Processor X1, the X91J utilizes Full Array LED and TRILUMINOS color to display lifelike images with beautiful dynamic range. Step up to a big screen with enhanced contrast, real-world colors, and smooth motion to experience all your favorite content like never before.



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™ Display – Reproduces more colors than a conventional TV resulting in picture quality that is natural and precise, and closer than ever to real life.
- FULL ARRAY LED & X-TENDED DYNAMIC RANGE – Precisely controlled backlighting brings out real-life depth and detail with deep blacks and high peak brightness.
- 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
- X-MOTION CLARITY™ – Advanced motion control for smooth pictures that are brighter and clearer, significantly benefiting fast moving action in movies and sports.
- 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.³
- ACOUSTIC MULTI-AUDIO – Two sound positioning tweeters on the sides of the TV elevate the soundstage, enabling sound to follow the action for a truly immersive experience.
- DOLBY VISION5, IMAX ENHANCED6, NETFLIX CALIBRATED MODE7 – Enjoy immersive and engaging cinematic content as the creator intended.
- GOOGLE ASSISTANT – Use your voice to easily find your favorite movies, shows, and music. Get answers on screen, control smart home devices, and more.¹
- APPLE AIRPLAY – Works with AirPlay 2 to easily stream content from your Apple device.⁸

Features

Enjoy your favorite content with rich colors and detailed contrast

The 4K HDR Processor X1™ powers the X91J TV to deliver a picture that is full of rich colors and detailed contrast. The processor is complimented by a multitude of advanced features, such as TRILUMINOS™ Display 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 creators intended, powered by the 4K HDR Processor X1.

Advanced color and gradation



By widening the color spectrum, TRILUMINOS™ Display, 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 Display.

Enhanced contrast with Full Array LED

Discover how real picture quality can be when you bring out the fine details. By controlling light levels in sections of the screen independently, Full Array LED provides more realistic contrast by making light areas lighter and dark areas darker. Contrast is further enhanced by X-tended Dynamic Range™, which adjusts brightness for higher peaks in highlights and detailed blacks in shadow.

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.¹

Bright and clear motion

Fast moving action scenes appear as they do in real life with smooth, blur-free motion. X-Motion Clarity™ technology refines fast moving scenes in real time with an incredible refresh rate for action that is brighter and clearer than a conventional TV.

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.³

Sound and picture in perfect harmony

An audio experience that matches how we sense the world. Acoustic Multi-Audio™ includes two sound positioning tweeters on the sides of the TV, elevating the soundstage and enabling sound to follow the action for a truly immersive experience. Hear sound more clearly and accurately in whatever you're watching.

Enjoy immersive and engaging cinematic content as the creator intended

High Dynamic Range (HDR)⁴ 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 blacks and vibrant colors.⁵ IMAX Enhanced™ content brings the immersive entertainment experience into the home and is digitally remastered to provide sharper images and more powerful sound—just as the creator intended.⁶ Netflix Calibrated Mode was specially developed to enjoy Netflix original content and reproduce picture quality as brilliant as the studio evaluation monitor, faithfully reproducing the creator's intent and vision.⁷ Whichever format, 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.¹

All your favorite streaming apps in one place

Sony TVs with Google TV 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 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.⁸

Specification

Common Item	
8 digit code	12483500
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)	-

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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	-
Backlight dimming type	-
Display type	LED
Display Specs	
Screen Size for WEB(diagonal, cm, integer or 1st decimal)	215 cm
Backlight type	-
Display resolution (H x V, pixels)	3840 x 2160
Screen Size (inch, measured diagonally)	75"(74.5")
Viewing Angle (Right/Left)	178(89/89) degree
Viewing Angle (Up/Down)	178(89/89) degree
Display Resolution	QFHD
Aspect Ratio	16:9
Video Features	
Object-based Super Resolution	-
Peak Luminance	X-tended Dynamic Range

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TRILUMINOS	TRILUMINOS
HDR Remaster	Object-based HDR remaster
Smoothing	-
Clear Resolution Enhancer	-
Face Area Detection	-
Precision Color Mapping	Precision Color Mapping
LED Motion Mode	-
Panel Refresh Rate (Native Hertz)	120Hz
Mastered in 4K	-
Picture modes	Vivid,Standard,Cinema,Game,Graphics,Photo,Custom,Dolby Vision Bright,Dolby Vision Dark,Netflix calibrated
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	X-Motion Clarity, 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

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Dynamic Contrast Enhancer	Yes
Audio Specs	
Channel	2ch
Speaker Position	Full Range (Bass Reflex) (35 x 95mm) x 2, Tweeter x 2
Bass/Treble/Balance	Balance
Speaker Type	Acoustic Multi-Audio
Audio Power Output	10W + 10W
Speaker Configuration type	Full Range (Bass Reflex) (35 x 95mm) x 2, Tweeter(17mm) x 2
DSEE/DSEE-HX	-
Digital audio out (Optical) format	Two channel linear PCM: 48kHz 16bits, Dolby Audio, DTS
Audio Features	
Vertical Surround Engine	-
Acoustic Auto Calibration	Room Compensation
Speaker Type-2	Sound Positioning Tweeter, X-Balanced Speaker
Clear Phase	Yes
Clear Audio+	-
Auto Surround	Yes
DTS audio format support	DTS Digital Surround
Sound modes	-
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
Network Features	
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(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/MP4 AAC/FLAC/JPEG,WEBM:VP9/AC4/ogg/AAC/ARW(Screen nail only)
Wireless LAN	Integrated
Convenience Features	
TalkBack	Yes
Variable Refresh Rate (VRR)	Yes (for HDMI3/4)*1
Auto Low Latency Mode (ALLM)	Yes (for HDMI3/4)*2

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Features specified in HDMI2.1	4K120/eARC/VRR*1 /ALLM*2
Built-in Mic switch	Y (Left)
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(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/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*2
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

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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
Sensing Features	
Sensor	Light
Energy Saving & Efficiency	
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

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General Features

Auto Calibration with CalMAN	Yes
Netflix Calibrated mode	Yes
Tencent Calibrated mode	Yes
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	-

Broadcast Features

Teletext	-
Teletext number of pages	-

Customizing Capability

RS-232C Control	Yes
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Design Features

Stand Position	2way position(Standard position/Soundbar position)
Stand Color	Dark Silver
Bezel Design	Aluminum Bezel
Cable Management	Yes
Frame color	Black
Stand Design	Metal Blade Stand

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Illumination LED	-
Stand Swivel	-
Stand Tilt	-
Inputs and Outputs	
Media Connect	-
HDMI Signal	4096x2160p(24,60Hz), 3840x2160p(24,30,60,120Hz)*3 , 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)	-

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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)
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	318 W
Power Consumption (in Standby)	0.5 W
Annual Power Consumption	248 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 1162 x 441 mm / 74 7/8 x 45 3/4 x 17 3/8 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)	1527 mm / 60 1/8 inch

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Stand width (Narrow position)	-
Stand width (Soundbar position)	-
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 72 mm / 74 7/8 x 42 7/8 x 2 7/8 inch
Dimension of Package Carton (W x H x D)	2036 x 1232 x 258 mm / 80 1/4 x 48 5/8 x 10 1/4 inch
AC Cable Length	1600mm
Dimension of TV with Floor Stand (W x H x D)	-
Floor Stand Width	-
Weights (Approx.)	
Weight of TV without Stand	45.8 kg / 100.9 lb
Weight of TV with Floor Stand	-
TV with Stand (Standard position)	47.7 kg / 105.1 lb
TV with Stand (Narrow position)	-
TV with Stand (Soundbar position)	-
Weight of Package Carton(Gross)	62 kg / 136.6lb.
Carton Spec	
Max Qty of carton stacking (vertical)	2



Max Qty of carton stacking (horizontal) *only for Shop Front	N/A
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Supplied Accessories

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
Quick Setup Guide / Supplement CUE (GA)	US,FR,ES,PT

Optional Accessories

VC Camera and MIC	-
Floor Stand (Option)	-
Wallmount Bracket	-

Video Specs

Video Signal (analog)	-
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Supplied Accessories

Voice Remote Control (Supply)	RMF-TX520U
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1. 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) 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.

2. 4K: 3,840 x 2,160 pixels. Game title supporting 4K/120fps required.
3. 4K: 3,840 x 2,160 pixels. Upscaled, simulated and enhanced 4K images will vary based on source content.
4. Requires HDR compatible content from supported streaming services or HDR compatible content device connected via HDMI input (sold separately).
5. Dolby Vision content compatible with streaming services or compatible content device connected via HDMI input (sold separately).
6. IMAX Enhanced content enables full IMAX Enhanced experience with compatible streaming services such as Fandango Now (US only) and BRAVIA CORE, or compatible content device connected via HDMI input (sold separately).
7. Netflix streaming membership required. 4K Ultra HD availability subject to your Netflix subscription plan, internet service, device capabilities, and content availability. www.netflix.com/termsfuse
9. 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.
- 10.
- 11.
- 12.

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