

## FWD-77A95L

77" flagship 4K QD-LED color-grading client monitor



## Features

**World wide colors**

Our brightest and widest shades and hues, all beautifully displayed on a QD-OLED screen powered by Cognitive Processor XR™

**Contrast. Unsurpassed.**

Pure blacks bring out extraordinary detail and depth. With Cognitive Processor XR™, the expressive power of QD-OLED is maximized.

**Pure blacks. Absolute brightness. Supreme contrast.**

Our brightest ever OLED. With a temperature sensor, high luminance panel and heat diffusion sheet for dissipating heat, this TV detects screen temperature and precisely controls light to deliver 200% as much brightness as its predecessor.

**Beautiful colors. Any angle.**

Watching TV from the sides is truly satisfying. Our QD-OLED panel on the A95L keeps luminance constant for consistent colors across all viewing angles.

**Everything upscaled close to 4K quality.**

Whatever the content or source, images are upscaled close to 4K. XR 4K Upscaling accesses a vast database to intelligently recreate lost texture and detail.<sup>1</sup>

**Less noise. Less blur. More clarity in every picture.**

XR Clear Image reduces noise utilizing zone division and dynamic frame analysis, and minimizes blur.

**Intelligent motion processing for smooth, fast-moving action.**

XR OLED Motion combats blur by detecting and cross analyzing key visual elements on successive frames. It creates and inserts extra frames between the originals for smoother, clearer action.

**Sound from the screen, truly immersive.**

With Acoustic Surface Audio+™, sound comes directly from the right place in the scene. The screen vibrates, turning every part of it into a speaker for powerful acoustics that perfectly match the picture. Far more immersive than conventional TVs where sound comes from beneath the screen.

**All your entertainment upscaled to 3D surround sound.**

XR Surround virtually creates surround sound using just the TV speakers for 3D audio without in-ceiling or up-firing speakers. Our BRAVIA XR™ TVs are also compatible with Dolby Atmos®.

**What you want to watch all in one place.**

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.<sup>2</sup>

**Just say what you want to see - Hands-free Voice Search.**

Find favorites faster with voice search. Jump right to a show or movie just by saying it or try browsing with a voice search like "find action movies." Just say "OK Google" to get started.

**Auto HDR Tone Mapping texture and detail.<sup>1</sup>**

Auto HDR Tone Mapping instantly optimizes HDR settings during your PS5™ initial setup. Even in dark shadow and bright highlights, you'll see fine details and true colors

**Auto Genre Picture Mode.**

BRAVIA™ automatically switches into Game Mode with PS5™ to minimize lag and maximize responsiveness. It switches back to Standard Mode when watching movies for more expressive scenes.<sup>3</sup>

**Game Menu - One place for all your game settings.**

Never has it been easier to fine-tune your game status, settings and assist functions. All the essentials are at your fingertips for ease and comfort.<sup>4</sup>

**Seamless Edge. Almost no bezel.**

Designed virtually frameless, this TV focuses your eyes on what's important - the picture.

**All your eco in one place.**

The Eco Dashboard keeps all eco-related settings in one place, making it easy to change them individually or in one go.

**Greater Peace of Mind.**

There's the added reassurance of our 3 Year PrimeSupport Professional service package as standard, with access to an elite EU-wide helpdesk for technical support & advanced product exchange handled by local partner, on premise where possible. You can also choose to extend your support for an additional 2 years.

## Specifications

## Common Item

Model Year

2023

TV System	
TV System (Analog)	B/G,D/K
Tuner Channel Coverage (Analog)	45.25MHz-863.25MHz(Depends on country selection)
TV System (Digital Terrestrial)	DVB-T/T2
Tuner Channel Coverage (Digital Terrestrial)	VHF/UHF(Depends on country selection)
TV System (Digital Cable)	DVB-C
Tuner Channel Coverage (Digital Cable)	VHF/UHF/cable(Depends on country selection)
TV System (Digital Sat)	DVB-S/S2
Tuner Channel Coverage (Digital Sat)	Intermediate Frequency 950-2150MHz
Number of Tuners (Terrestrial/Cable)	2(Digital)/1(Analog)
Number of Tuners (Sat)	2
Color System	PAL/SECAM
CI+	Yes
Color Space	sRGB/BT709, BT2020, AdobeRGB, DCI
Operating System	Android 12
On-board Storage (GB)	32 GB

Display Features	
Display type	OLED (QD-OLED)
Pixel Contrast Booster	Yes

Display Specs	
Screen Size (inch, measured diagonally)	77"(76.8")
Screen Size for WEB (diagonal, cm, integer or 1st decimal)	195cm
Display resolution (H x V, pixels)	3840 x 2160
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	XR Super Resolution
Peak Luminance	XR OLED Contrast Pro
TRILUMINOS	XR Triluminos Max
HDR Remaster	XR HDR remaster
Smoothing	XR Smoothing
Features for PlayStation®5 Auto HDR Tone Mapping	Yes
Features for PlayStation®5 Auto Genre Picture Mode	Yes
XR Clear Image	Yes
Precision Color Mapping	-(Integrated into XR Triluminos Max)
Face Area Detection	Yes
Picture modes	Vivid,Standard,Calm,Cinema,IMAX Enhanced,Photo,Professional,Dolby Vision (Vivid / Bright / Dark) ,FPS Game,RTS Game,Netflix calibrated, BRAVIA CORE calibrated
Auto Wide	Yes
Wide Mode	Full / Vertical Fit / Horizontal Fit / Original,Full / Vertical Fit / Horizontal Fit / Original
Video Processing	XR 4K Upscaling
Motion enhancer	XR OLED Motion, Auto mode
Blinking Type	Frame Blinking

## Video Features

24p True Cinema	Yes
Live Color™ Technology	Yes
PhotoTV HD / BRAVIA 照片秀 for China	Yes
CineMotion / Film Mode / Cinema Drive	Yes
4K Processor	Cognitive Processor XR
HDR (High Dynamic Range) compatibility	Yes (HDR10, HLG, Dolby Vision)
Panel Refresh Rate (Native Hertz)	100/120Hz
Dual database processing	Yes
Dynamic Contrast Enhancer	Yes

## Audio Specs

Channel	2.2ch
Audio Power Output	20W + 20W + 10W + 10W
Speaker Position	Front
Bass/Treble/Balance	Balance
Speaker Type	Acoustic Surface Audio+
Speaker Configuration	Actuator x 2, Subwoofer x 2
Digital audio out (Optical) format	Two channel linear PCM: 48 kHz 16 bits, Dolby Audio, DTS

## Audio Features

Acoustic Center Sync	Yes (CENTER SPEAKER IN, S-CENTER SPEAKER IN)
Ready for 360 Spatial Sound Personalizer	Yes (via Bluetooth)
Simultaneous Sound Output with TV Speaker	Bluetooth A2DP Device
Vertical Surround Engine	Vertical Surround Engine
Acoustic Auto Calibration	Room & User Position Compensation
Clear Phase	Yes
S-Master	S-Master Digital Amplifier
Auto Surround	Yes
DTS audio format support	DTS Digital Surround, DTS Express, DTS-HD Master Audio, DTS-HD High Resolution Audio, DTS:X
Simulated surround sound	S-Force Front Surround
Dolby audio format support	Dolby Audio, Dolby Atmos
Voice Zoom	Voice Zoom 2
HDMI Audio Return Channel (ARC)	Yes (eARC / ARC)
Advanced Auto Volume	Yes
Auto Mute (on no signal)	Yes
HDMI input Audio format	7.1 channel linear PCM: 32 / 44.1 / 48 / 88.2 / 96 / 176.4 / 192kHz 16 / 20 / 24bits, Dolby Audio, Dolby Atmos, DTS, DTS Express, DTS-HD Master Audio, DTS-HD High Resolution Audio, DTS:X
ARC output format	Two channel linear PCM: 48 kHz 16 bits, Dolby Audio, Dolby Atmos, DTS

## Network Features

Control Menu	Yes
ECO Dashboard	Yes
Apple AirPlay	Yes
Apple HomeKit	Yes
Home Network Feature	Home Network Client, Home Network Renderer
Wi-Fi Certified	Yes
Wi-Fi Standard	a / b / g / n / ac / ax
Wi-Fi Frequency	2.4GHz / 5GHz
Internet Browser	Yes

## Network Features

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 / MP4AAC / FLAC,JPEG / HEIF / WEBM:VP9 / AC4 / ogg / AAC / ARW (Screen nail only)
Wireless LAN	Integrated

## Convenience Features

UVC / UAC support	Yes
Multi-View	Yes*1
Color Inversion	Yes
TalkBack	Yes
Variable Refresh Rate (VRR)	Yes (for HDMI3/4)
Auto Low-Latency Mode (ALLM)	Yes (for HDMI3/4)
Features specified in HDMI2.1	4K120 / eARC / VRR / ALLM
Built-in Mic switch	Yes (Left)
X-Protection PRO	Y (with Lightning, Surge, Humidity Protection)
Electronic Program Guide (EPG)	Yes
USB HDD Recording	Yes (1 Rec) (Except Italy) *1
Twin Picture	Yes
USB playback codecs	MPEG1:MPEG1 / MPEG2PS:MPEG2 / MPEG2TS (HDV,AVCHD) :MPEG2,AVC / MP4 (XAVC S) :AVC,MPEG4,HEVC / AVI:Xvid,HEVC / 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	ARA / BUL / CAT / HRV / CES / DAN / DUT / ENG / EST / FIN / FRA / GER / GRK / HEB / IND / ITA / JPN / NOR / FAS / POL /
Chromecast built-in	Yes
Voice Search	Yes*2
Application Store	Yes (Google Play Store)
BRAVIA Sync (including HDMI-CEC)	Yes
i-Manual	Yes
Parental Control	Yes

## Convenience Features

Channel Block (with password)	Digital
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,DEU,GRE,ENG,SPA,EST,BAQ,PER,FIN,FRA,GLG,GUJ,HIN,HRV,HU

## Sensing Features

Sensor	Light / Color
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## General Features

Smart TV	Google TV
BRAVIA CORE Calibrated mode	Yes
Auto Calibration with CalMAN	Yes
Netflix Calibrated mode	Yes
IMAX Certified Model	Yes
Closed Captions (Digital)	Subtitle

## Broadcast Features

Teletext	Yes
Teletext number of pages	1000 pages

## Design Features

Stand Position	3way position (Standard position / Narrow position / Soundbar position)
Stand Color	Dark Silver
Bezel Design	Seamless edge
Cable Management	Yes
Frame color	Black
Stand Design	Aluminum Edge Stand

## Inputs and Outputs

HDMI Signal	4096x2160p (24,50,60Hz), 3840x2160p (24,25,30,50,60,100,120Hz)*3 , 1080p (24,30,50,60,100,120Hz), 1080i(50,60Hz), 720p(24,30,50,60Hz), 576p, 480p
HDCP	HDCP2.3 (for HDMI1 / 2 / 3 / 4)
Bluetooth profile support	Version 5.2,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	Pigtail (REAR)
RF (Terrestrial / Cable) Connection Input(s)	1 (Side)
IF (Satellite) Input(s)	2 (Side)
HDMI inputs total	4 (4Side)
Digital Audio Output(s)	1 (Side / Hybrid with S-Center Speaker Input)
USB ports	2 (Side)
Ethernet inputs	1 (Side)
PCMCIA Slot(s)	1 (Side)

## Inputs and Outputs

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)
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## Eco & Energy saving

Power Requirements (voltage)	220 V - 240 V AC
Power Requirements (frequency)	50 Hz
Power Consumption (in Standby)	0.50 W
Power consumption (Networked Standby)	2.00W (Wi-Fi) / 2.00W (LAN) / 0.50W (CEC)
SORPLAS	Yes
EEA SDR RANK	F
ECO Friendly	Yes
On mode power consumption (Lot5)	134 kWh / 1000h
Mercury content (mg)	0.0
Lead Content	Yes
Power Saving Mode / Back Light Off Mode	Yes

## Regulation and Standard Compliance

VESA® Hole Spacing Compatible	Yes
VESA® Hole Pitch (W x H)	30.0 x 30.0 cm

## Measurements (Approx.)

Dimension of TV without Stand with Camera (W x H x D)	Approx. 171.6 x 100.0 x 4.5 (4.28) cm
Dimension of TV without Stand (W x H x D)	Approx. 171.6 x 98.5 x 3.5 (2.46) cm
Display with Stand (Standard position) (W x H x D)	Approx. 171.6 x 101.4 x 41.1 cm
TV with Stand (Narrow position) (W x H x D)	Approx. 171.6 x 102.4 x 41.1 cm
TV with Stand (Soundbar position) (W x H x D)	Approx. 171.6 x 107.5 x 41.1 cm
Dimension of Package Carton (W x H x D)	Approx. 187.1 x 112.4 x 18.8 cm
Stand width (Standard position)	Approx. 171.5 cm
Stand width (Narrow position)	Approx. 58.5 cm
Stand width (Soundbar position)	Approx. 171.5 cm
AC Cable Length	3500mm

## Weights (Approx.)

Weight of TV without Stand	Approx. 35.2 kg
TV with Stand (standard position)	Approx. 36.9 kg
TV with Stand (Narrow position)	Approx. 36.9 kg
TV with Stand (Soundbar position)	Approx. 36.9 kg
Weight of Package Carton (Gross)	Approx. 48 kg

## Carton Spec

Max Qty of carton stacking (vertical)	4
Max Qty of carton stacking (horizontal) *Only for store front	N/A

## Supplied Accessories

Camera Unit (Bundle)	CMU-BC1M
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## Supplied Accessories

Voice Remote Control (Supply)	RMF-TX910U
Remote Control	RMT-TX450E
Batteries	LR03+R03
AC Power Cord Spec	Joint Type (Pig-tail43mm) (ASIA) (2pin) (C18) + Bundle (C17) (EUROPE) (2pin) (round pins Type F) + Bundle (C17) (SWISS) (2pin) (round pins Type C)
Operating Instructions	EN,FR,ES,NL,DE,PT,IT,SE,DK,FI,NO,PL,CZ,SK,HU,RO,BG,GR,TR
Quick Setup Guide / Supplement CUE (GA)	EN,FR,ES,NL,DE,PT,IT,DK,NO,SE,FI,PL,CZ,SK,HU,RO,BG,GR,TR,RU,UA,AR
Table Top Stand	Separate (Assembly required)

## Optional Accessories

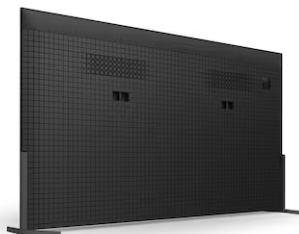
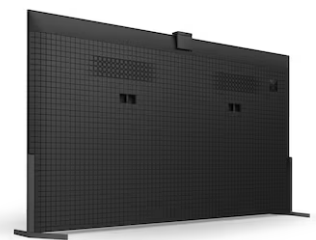
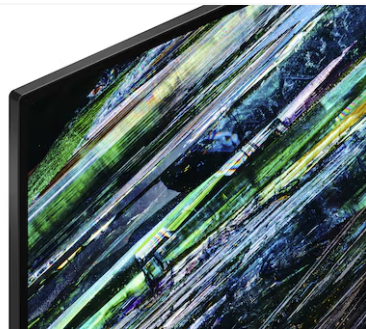
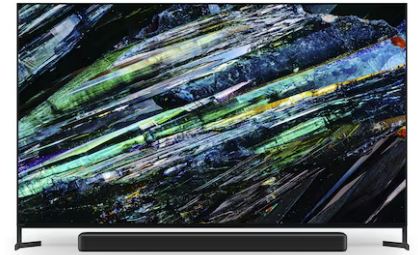
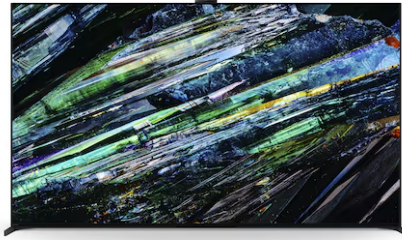
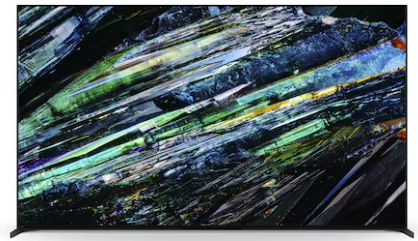
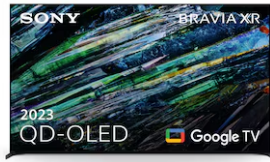
Wallmount Bracket	SU-WL450 (Terminal access limitation, refer to SU-WL450 product page), SU-WL850 (Refer to Country / Area Handling Chart)
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## Prime Support

Included PrimeSupport: 3 years with advanced exchange handled by local partner, on premise where possible. Optional +2 years extension.

## Notes

*1	Firmware update may be required.
*2	Hands Free feature (Built-in Mic) availability depends on language and may need software update. Please check Sony support page for further information; <a href="https://www.sony.net/tv-hf-ww/">https://www.sony.net/tv-hf-ww/</a>
*3	100Hz and 120Hz is supported by HDMI IN 3 and IN 4





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