

FWD-77A80L

77" BRAVIA 4K HDR OLED
Display with Google TV,
including 3 years
PrimeSupport



Overview

Bring the cinema home in bright, beautiful detail. This is the Sony BRAVIA A80L OLED TV.

From the latest Hollywood blockbusters to classics, everything on the A80L is incredibly realistic. We've paired our stunning new OLED panel with XR OLED Contrast Pro to boost the colour and contrast like never before, and it's this juxtaposition of rich colour and crisp, true blackness that makes the important elements stand out.

Even if you're watching the darkest of thrillers, you won't miss a thing with our Cognitive Processor XR enhancing pictures in the same way your eyes focus in real-life, so you can see what's lurking in the deep shadows or behind those dazzling lights.

Our Acoustic Surface Audio + technology turns the screen into a speaker, and when sound comes directly from what's happening on-screen, your entire entertainment experience is more immersive.

You can even take your set-up to the next level with the Acoustic Center Sync feature and a compatible Sony soundbar.

The sophisticated design and Metal Flush Surface Bezel will harmonise with any interior, and the 3-way TV stand offers ultimate flexibility.

Our new dedicated Gaming Menu allows you to optimise your gaming performance - quickly. It includes Motion Blur Reduction, Black Equaliser, Crosshair (available in six different styles), and Custom Screen, which allows you to maximise your view when you need to see more detail in every corner of a game and minimise it when you need your eyes to focus on the enemy with laser vision!

You'll access 700,000+ movies and TV episodes from across your streaming services on this Google TV, and everything is organised into topics and genres to suit your personal interests.

You can even save up to 32% more energy with our new BRAVIA range! Our new Eco Dashboard puts all of your eco settings in one place that's intuitive and user-friendly, so you can save energy without hassle or jargon.*

BRAVIA CAM is compatible (sold separately), inviting you to enjoy video chats on the big screen, and more.

Crunchyroll - the largest anime streaming service in the world - is included on the A80L too. With a vast library of anime, manga, and other original content, movies and shows are translated and subtitled or dubbed, so you can enjoy in a variety of languages.

PrimeSupport: Our professional service package

You enjoy all the fantastic picture & sound quality of our

consumer TV range, combined with the added peace of mind of our PrimeSupport Professional Service package and after sales support which includes:

- Access to our Elite helpdesk for integrator-focused, knowledgeable technical support
- Advanced Exchange of any faulty products, with technical assistance for swap & install on premise, wherever possible
- 3 years standard cover , with option to extend by additional 2 years

*Default setting versus most energy efficient setting using ECO Dashboard. Consumption difference measured by 85X95L, percentage may differ by model

Features

Wonderful pictures with bright, pure black OLED

See every single detail, even in dazzling light or deep shadow. This OLED TV, powered by Cognitive Processor XR™, maximises picture quality for incredible realism.

Pure blacks. Peak brightness. Remarkable contrast.

XR OLED Contrast Pro boosts colour and contrast in bright areas. With a temperature sensor and high luminance panel, Cognitive Processor XR™ detects screen temperature and precisely controls light.

Extended colour volume,

now see every shade and hue whatever you watch

Over a billion colours reproduced with the subtle differences seen in the real world. Powered by our Cognitive Processor XR™, XR Triluminos Pro™ with a wide colour spectrum delivers natural shades in every detail.

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

XR Clear Image reduces noise utilising zone division and dynamic frame analysis, and minimises blur.¹

Intelligent motion processing for smooth, fast-moving action
XR OLED Motion combats blur by detecting and cross analysing key visual elements on successive frames. It creates and inserts extra frames between the originals for smoother, clearer action.

Sound from the centre of the screen, perfectly matching action
The screen vibrates, turning every part of it into a speaker for powerful acoustics that move with the picture. With Acoustic Surface Audio +™, sound comes directly from the right place in the scene. 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 organised into topics and genres based on what interests you.²

Just say what you want to see - Hands-free Voice Search
Find favourites 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
Auto HDR Tone Mapping instantly optimises HDR settings during your PS5™ initial setup. Even in dark shadow and

bright highlights, you'll see fine details and true colours.

Auto Genre Picture Mode

BRAVIA™ automatically switches into Game Mode with PS5™ to minimise lag and maximise responsiveness. It switches back to Standard Mode when watching movies for more expressive scenes.³

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.⁴

Metal Flush Surface, the Art of immersion

Enthralling viewing

Our premium design with extremely narrow metal bezel focuses your eyes naturally on the picture, not what's around it.

Prestige 3-way stand, stylish and versatile

smart and versatile

A 3-way stand gives you the choice of a standard setting that focuses you on the picture, narrow setting for smaller shelves and soundbar setting for ideal positioning of your sound system.⁵

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 Years PrimeSupport Professional service package as standard, with access to an elite 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.

Notes

¹Features will be available via a future firmware update.

²Some apps, contents and/or features may not be available in all countries. Subject to availability.

User must connect to a Google account to use certain advertised features.

Google TV is the name of this device's software experience and a trademark of Google LLC. Google, YouTube, Chromecast built-in, Google Meet, and other marks are trademarks of Google LLC.

³This function works when Auto Picture Mode is ON.

⁴Some features will be available via a future firmware update.

Available functions may vary depending on model, region, or country.

⁵Actual look may differ depending on TV size.

Specifications

TV System

TV System
(Analog)

B/G,D/K

Tuner Channel
Coverage
(Analog)

45.25MHz-863.25MHz(Depend on
country selection)

TV System
(Digital
Terrestrial)

DVB-T/T2

Tuner Channel
Coverage (Digital
Terrestrial)

VHF/UHF(Depend on country
selection)

TV System (Digital Cable)	DVB-C
Tuner Channel Coverage (Digital Cable)	VHF/UHF/cable(Depend 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/NTSC3.58(Video only)/NTSC4.43(Video only)
CI+	Yes
Color Space	sRGB/BT709,BT2020,AdobeRGB,DCI
Operating System	Android 10
On-board Storage (GB)	32GB

Display Features

X-Anti Reflection	-
Display type	OLED

X-Wide Angle -

Backlight dimming type -

Display Specs

Screen Size (inch, measured diagonally) 77"(76.8")

Screen Size for WEB(diagonal, cm, integer or 1st decimal) 195cm

Backlight type -

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

XR Backlight Master Drive -

Peak Luminance XR OLED Contrast Pro

Features for PlayStation®5 Auto HDR Tone Mapping	Yes
Features for PlayStation®5 Auto Genre Picture Mode	Yes
LED Motion Mode	-
Face Area Detection	Yes
Picture modes	Vivid, Standard, Cinema, IMAX Enhanced, Game, Graphics, Photo, Custom, Vision (Vivid/Bright/Dark), Netflix calibrated BRAVIA CORE calibrated
Auto Wide	Yes
Wide Mode	Wide zoom/Normal/Full/Zoom/14:9, Normal/Full for PC
4:3 Default	Yes
Video Processing	XR 4K Upscaling
Motion enhancer	XR OLED Motion, Auto mode
Blinking Type	Frame Blinking
24p True Cinema	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

Audio Specs

Channel	3.2ch
Audio Power Output	20W + 10W + 10W + 10W + 10W
Speaker Position	Down Firing + Front
Bass/Treble/Balance	Balance
Speaker Type	Acoustic Surface Audio+
Speaker Configuration	Actuator x 3, Subwoofer x 2
DSEE/DSEE-HX	-
Digital audio out (Optical) format	Two channel linear PCM: 48kHz 16bits, Dolby Audio,

DTS(Pass through mode only)

Audio Features

Acoustic Center Sync	Yes (S-CENTER SPEAKER IN)
Ready for 360 Spatial Sound Personalizer	Y(with WLA-NS7)
Simultaneous Sound Output with TV Speaker	-
Vertical Surround Engine	Vertical Surround Engine
Acoustic Auto Calibration	Room & User Position Compensation
Speaker Type-2	-
Clear Phase	Yes
Clear Audio+	-
S-Master	S-Master Digital Amplifier
Auto Surround	Yes
DTS audio format support	DTS Digital Surround
Sound modes	Standard, Dialog, Cinema, Music, Sports, Dolby Audio
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
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(Pass through mode only)

Network Features

Control Menu	Yes
ECO Dashboard	Yes
USB Tethering	-

Apple AirPlay	Yes
Apple HomeKit	Yes
Home Network Feature	Home Network Client, Home Network
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 (UK, Ireland, Netherlands, Belgium)
Wi-Fi Standard	a/b/g/n/ac
Wi-Fi Frequency	2.4GHz/5GHz(for Wi-Fi Direct: 2.4GHz)
Photo Sharing Plus / Photo Share	-
Internet Browser	Yes
Codec for Home Network	MPEG1:MPEG1/MPEG2PS:MPEG2/MP S):AVC,MPEG4,HEVC/AVI:Xvid,Motion nail only)
WirelessLAN	Integrated

Convenience Features

Multi-View -

Color Inversion -

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(Center)
X-Protection PRO	Y (with Lightning, Surge, Humidity Protection)
Electronic Program Guide (EPG)	Yes
USB HDD Recording	Yes(1Rec)(Except Italy)
Twin Picture	-
Photo Frame Mode	-
USB playback codecs	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(MPEG2TS)
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 / EN
Chromecast built-in	Yes
Voice Search	Yes*1 *1 Hands Free feature(Built-in Mic) available
Application Store	Yes (Google Play Store)
BRAVIA Sync (including HDMI-CEC)	Yes
Control for HDMI (HDMI CEC)	-
Scene Select	-
Parental Control	Yes

Channel Block (with password)	Digital
Show/Hide Channels	-
On Screen Clock	Yes
Sleep Timer	Yes
On/Off Timer	Yes
USB drive format support	Yes (Supported File System: FAT16/FAT32/ex
Display Language	AFR,AMH,ARA,ASM,AZE,BEL,BUL,BEN,BOS,C
Auto Shut-off	-

Sensing Features

Sensor	Light
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General Features

Auto Calibration with CalMAN	Yes
Closed Captions (Analog)	-
Closed Captions (Digital)	Subtitle

Demo Mode	Yes(e-POP only)
Emergency Warning System	-
Hotel Mode Menu	-

Broadcast Features

Teletext	Yes
Teletext number of pages	1000 pages

Customizing Capability

RS-232C Control	-
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Design Features

Style	-
Stand Position	3way position (Standard position/Narrow position/Soundbar position)
Stand Color	Dark Silver
Bezel Design	Metal Flush Surface
Cable Management	-
Frame color	Titanium Black
Stand Design	Aluminum Slim Wedged Stand
Illumination LED	-

Stand Swivel -

Stand Tilt -

Inputs and Outputs

Media Connect -

4096x2160p(24,50,60Hz),
3840x2160p(24,25,30,50,60,100,120Hz)

HDMI Signal 1080p(24,30,50,60,100,120Hz),
1080i(50,60Hz),
720p(24,30,50,60Hz), 576p, 480p
*2 100Hz and 120Hz is supported by HD
IN 3 and IN 4

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 18Gbp
signal, HDMI IN3, IN4 port for 4K(up to
48Gbps) signal

AC Power Input C18 INLET (REAR)

RF
(Terrestrial/Cable)
Connection 1(Side)
Input(s)

IF (Satellite)
Input(s) 2(Side)

Composite Video Hybrid w/S-Center Speaker Input x1(Sid
Input(s) Mini jack)

Component Video (Y/Pb/Pr) Input(s)	-
HDMI inputs total	4(Side)
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)	-
Subwoofer Output(s)	-
USB ports	2 (Side)
Ethernet inputs	1(Side)
RS-232C Input(s)	-
PCMCIA Slot(s)	1(Top)
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)

Eco and Energy saving

Power Requirements (voltage)	220 V - 240 V AC
Power Requirements (frequency)	50 Hz
Power Consumption (Home Mode) for WEB	-
Power Consumption (in Standby)	0.50 W
Power consumption(Networked Standby)	2.00W(Wi-Fi) / 2.00W(LAN) / 0.50W(CEC)
SORPLAS	-
EEA SDR RANK	E
ECO Friendly	Yes
On Mode Power Consumption (Lot 5)	121 kWh/1000h
ErP Rank For EU	-
Peak luminance ratio for EU	-
Mercury content(mg)	0.0
Lead Content	Yes
Dynamic Backlight	-

Control

Power Saving Mode / Back Light Off Mode	Yes
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Regulation and Standard Compliance

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

Dimension of TV without Stand with Camera (W x H x D)	-
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TV with Stand (Front position) (W x H x D) *Measured incl. camera if bundled	-
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TV with Stand (Back position) (W x H x D) *Measured incl. camera if bundled	-
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Stand Width (Front position style)	-
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Stand Width (Back	-
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position style)	
Dimension of TV without Stand (W x H x D)	Approx. 172.2 x 99.8 x 5.4 (2.79) cm
TV with Stand (Standard position) (W x H x D)	Approx. 172.2 x 102.7 x 38.5 cm
TV with Stand (Narrow position) (W x H x D)	Approx. 172.2 x 102.7 x 38.5 cm
TV with Stand (Soundbar position) (W x H x D)	Approx. 172.2 x 106.9 x 38.5 cm
Dimension of TV with Floor Stand (W x H x D)	-
Dimension of Package Carton (W x H x D)	Approx. 185.8 x 113.0 x 18.8 cm
Stand width (Standard position)	Approx. 138.5 cm
Stand width (Narrow position)	Approx. 59.5 cm
Stand width (Soundbar position)	Approx. 138.5 cm
Floor Stand Width	-
AC Power Adapter size(W x H x D)	-

DC Cable length of
AC adaptor(mm) -

AC Cable Length 2000mm

Weights (Approx.)

TV with Stand
(Front position
style/Back position
style) -

Weight of TV
without Stand Approx. 34.8 kg

TV with Stand
(Standard position) Approx. 36 kg

TV with Stand
(Narrow position) Approx. 36 kg

TV with Stand
(Soundbar position) Approx. 36 kg

Weight of TV with
Floor Stand -

Weight of Package
Carton(Gross) Approx. 47 kg

Carton Spec

Max Qty of carton
stacking (vertical) 4

Max Qty of carton
stacking

(horizontal) *only N/A
for Shop Front

Supplied Accessories

Voice Remote Control (Supply)	RMF-TX810U
Remote Control	RMT-TX450E
AC Plug Convertor	-
Wall-Mount Bracket	-
Batteries	LR03+R03
Floor Stand (Supply)	-
AC Power Adaptor	-
AC Power Cord Spec	Bundle (C17) (EUROPE) (2pin) (round pins Type F) + Bundle (C17) (SWISS) (2pin) (round pins Type C)
IR Blaster	-
Support Belt	-
Table Top Stand	Separate (Assembly required)

Optional Accessories

Floor Stand (Option)	-
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Wallmount Bracket	SU-WL450(Terminal access limitation, refer to SU-WL450 product page), SU-WL850(Depends on usage of terminal)
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PrimeSupport

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



