# FWD-85X80L

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

## Overview

Your everyday entertainment, upgraded. This is the Sony BRAVIA X80L TV.
Featuring our ultra-wide Triluminos Pro colour palette, you'll see shades and hues on the X80L that you won't find on other displays.

Our X1 Processor is the power behind these bright, colourful pictures, analysing content in real-time, and enhancing everything displayed on screen.

The sound is delivered by our unique X-Balanced Speaker Unit for a thrilling, high-quality audio experience, with powerful bass.

Minimalist and timeless, the TV has been designed to suit any interior. The Flush Surface Bezel keeps your focus on the picture and the two-way stand offers ultimate convenience, fitting both wide and narrow furniture surfaces when necessary

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.

Our new dedicated Gaming Menu allows you to optimise your gaming performance - quickly. It includes Motion Blur Reduction, a Black Equaliser, Crosshair (available in six different styles), and Custom Screen, that 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 a target.

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.*

**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

**Colours that bring the real world home with TRILUMINOS PRO**
See billions of colours on screen, just as they are in the real world, thanks to our 4K HDR Processor X1™ and a

wide colour panel.

**4K HDR Processor X1**
Sony's powerful 4K HDR Processor X1 enhances colour, clarity and contrast for outstandingly lifelike 4K HDR picture quality.

**A clearer picture, whatever you watch**
Even your favourite content in 2K and HD are upscaled close to 4K quality. Our 4K X-Reality™ PRO uses a unique 4K database to recreate missing data.[1]

**See everything, even in fast action scenes**
Motionflow™ XR creates and inserts extra frames between the originals. With more images seen every second, action is smoother and sharper.

**Brightness optimised, tuned to your room**
A light sensor optimises brightness to room conditions, boosting brightness in light rooms and reducing it in dark ones so you always get an enhanced picture.

**Great sound with more bass**
Complementing the TVs slimness, our uniquely-shaped X-Balanced Speaker™ drives movies and music with clear sound and rich bass.

**Room-filling Dolby Atmos® sound**
Hear movie soundtracks and music playlists with more depth, clarity and detail. Dolby Atmos® draws you in deeper for seriously immersive spatial sound.[2]

**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.[3]

**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.[4]

**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.[5]

**Flush Surface.**
**Enthralling viewing.**
Our unique Flush Surface design gives the TV a clean, contemporary look. This is beauty that doesn't get in the way of your viewing.[6]

**2-way stand, smart and versatile**
Choose from a standard setting that focuses you on the picture or a narrow setting for smaller shelves.[7]

**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 our EU-wide Elite Help Desk 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**

[1]4K: 3,840 x 2,160 pixels. Upscaled, simulated and enhanced 4K images will vary based on source content.

[2]Dolby Vision and/or Atmos content compatible streaming services or compatible content device connected via HDMI input (sold separately) required.

[3]Some 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.

[4]This function works when Auto Picture Mode is ON

[5]Some features will be available via a future firmware update. Available functions may vary depending on model, region, or country.

[6]Actual look may differ depending on TV size.

[7]Actual look may differ depending on TV size.

## Specifications

| Common Item | |
| --- | --- |
| Model Year | 2023 |

## 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) | 1(Digital/Analog) |
| Number of Tuners (Sat) | 1 |
| 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 | LCD |
| X-Wide Angle | - |
| Pixel Contrast Booster | - |
| Rich Color Enhancer | - |
| Backlight dimming type | Frame Dimming |

## Display Specs

| Screen Size (inch, measured diagonally) | 85"(84.6") |
| --- | --- |
| Screen Size for WEB(diagonal, cm, integer or 1st decimal) | 215 cm |

| | |
|---|---|
| Backlight type | Direct LED |
| 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 | - |
| Object-based Super Resolution | - |
| Peak Luminance | - |
| TRILUMINOS | TRILUMINOS PRO |
| HDR Remaster | Object-based HDR remaster |
| Smoothing | - |
| Features for PlayStation®5 Auto HDR Tone Mapping | Yes |
| Features for | |

| | | |
|---|---|---|
| PlayStation®5 Auto Genre Picture Mode | Yes | |
| XR Clear Image | - | |
| Precision Color Mapping | - (Integrated into TRILUMINOS PRO) | |
| LED Motion Mode | - | |
| Face Area Detection | - | |
| Mastered in 4K | - | |
| Picture modes | Vivid,Standard,Cinema,Game,Graphics,Ph Vision (Vivid/Bright/Dark) | |
| Auto Wide | Yes | |
| Wide Mode | Wide zoom/Normal/Full/Zoom/14:9,Norma | |
| 4:3 Default | Yes | |
| Video Processing | 4K X-Reality PRO | |
| Motion enhancer | Motionflow XR 200/240Hz (Native 50/60H | |
| Blinking Type | Frame Blinking | |
| 24p True Cinema | Yes | |
| Live Colour™ Technology | Yes | |
| PhotoTV HD / | | |

| | |
|---|---|
| BRAVIA 照片秀 for China | Yes |
| CineMotion/Film Mode/Cinema Drive | Yes |
| 4K Processor | 4K HDR Processor X1 |
| HDR (High Dynamic Range) compatiblity | Yes(HDR10,HLG,Dolby Vision) |
| Panel Refresh Rate (Native Hertz) | 50/60Hz |
| Dual database processing | - |
| Dynamic Contrast Enhancer | Yes |

## Audio Specs

| | |
|---|---|
| Channel | 2ch |
| Audio Power Output | 10W + 10W |
| Speaker Position | Down Firing |
| Bass/Treble/Balance | Balance |
| Speaker Type | Bass Reflex Speaker |
| Speaker Configuration | Full Range (Bass Reflex) 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 | - |
| Ready for 360 Spatial Sound Personalizer | - |
| Simultaneous Sound Output with TV Speaker | - |
| Vertical Surround Engine | - |
| Acoustic Auto Calibration | Room Compensation |
| Speaker Type-2 | X-Balanced Speaker |
| Clear Phase | Yes |
| Clear Audio+ | - |
| S-Master | S-Master Digital Amplifier |
| Auto Surround | Yes |
| DTS audio format support | DTS Digital Surround |
| Sound modes | - |

| | | |
|---|---|---|
| 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 | |
| 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 Networ |
| 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, Belgiu |
| Wi-Fi Standard | a/b/g/n/ac |
| Wi-Fi Frequency | 2.4GHz/5GHz(for Wi-Fi Direct: 2.4GH |
| 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) |
| Wireless LAN | Integrated |

## Convenience Features

Function by

| | | |
|---|---|---|
| Camera | - | |
| UVC/UAC support | Yes | |
| Multi-View | - | |
| Color Inversion | - | |
| TalkBack | Yes | |
| Variable Refresh Rate (VRR) | - | |
| Auto Low Latency Mode (ALLM) | Yes (for HDMI3/4) | |
| Features specified in HDMI2.1 | eARC/ALLM | |
| Built-in Mic switch | Yes(Center) | |
| X-Protection PRO | Y (with Lightning, Surge, Humidity Protectio | |
| 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(l | |
| 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<br>*1 Hands Free feature(Built-in Mic) availabili | |
| Application Store | Yes (Google Play Store) | |
| BRAVIA Sync (including | Yes | |

HDMI-CEC)

| | |
|---|---|
| Control for HDMI (HDMI CEC) | - |
| Scene Select | - |
| i-Manual | Yes |
| 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 |

## General Features

| | |
|---|---|
| Smart TV | Google TV |
| BRAVIA CORE Calibrated mode | - |
| Auto Calibration with CalMAN | Yes |
| Netflix Calibrated mode | - |
| Tencent Calibrated mode | - |
| IMAX Certified Model | - |
| 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 | - |
|---|---|

## Design Features

| Style | - |
|---|---|
| Stand Position | #2way position (Standard position/Narrow position) |
| Stand Color | Black |
| Bezel Design | Flush Surface |
| Cable Management | Yes |
| Frame color | Black |
| Stand Design | Slim T shape Wedged Stand |
| Illumination LED | - |
| Stand Swivel | - |
| Stand Tilt | - |

## Inputs and Outputs

| Media Connect | - |
|---|---|
| | 4096x2160p(24,50,60Hz), 3840x2160p(24,25,30,50,60Hz), 1080p(24,30,50,60Hz), |

| | |
|---|---|
| HDMI Signal | 1080i(50,60Hz), 720p(24,30,50,60Hz), 576p, 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, IN3, IN4 ports for 4K(up to 18Gbps) signal |
| AC Power Input | C8 INLET(REAR) |
| RF (Terrestrial/Cable) Connection Input(s) | 1(Side) |
| IF (Satellite) Input(s) | 1(Side) |
| 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) | - |
| 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 | 0.50 W |

| | |
|---|---|
| Standby) | |
| Power consumption(Networked Standby) | 2.00W(Wi-Fi) / 2.00W(LAN) / 0.50W(CEC) |
| SORPLAS | - |
| EEA SDR RANK | F |
| ECO Friendly | Yes |
| On Mode Power Consumption (Lot 5) | 154 kWh/1000h |
| ErP Rank For EU | - |
| Peak luminance ratio for EU | - |
| Mercury content(mg) | 0.0 |
| Lead Content | Yes |
| Dynamic Backlight Control | Yes |
| Power Saving Mode / Back Light Off Mode | Yes |

## Regulation and Standard Compliance

| | |
|---|---|
| VESA® Hole Spacing Compatible | Yes |
| VESA® Hole Pitch(W x H) | 40.0 x 40.0 cm |

## Measurements (Approx.)

| | |
|---|---|
| Dimension of TV without Stand with Camera (W x H x D) | - |
| TV with Stand (Front position) (W x H x D) *Measured incl. camera if bundled | - |
| TV with Stand (Back position) (W x H x D) *Measured incl. camera if bundled | - |
| Stand Width (Front position style) | - |
| Stand Width (Back position style) | - |
| Dimension of TV without Stand (W x H x D) | Approx. 190.1 x 109.0 x 7.3 cm |
| TV with Stand (Standard position) (W x H x D) | Approx. 190.1 x 117.0 x 45.3 cm |
| TV with Stand (Narrow position) (W x H x D) | Approx. 190.1 x 117.0 x 45.3 cm |
| TV with Stand (Soundbar position) | - |

| | |
|---|---|
| (W x H x D) | |
| Dimension of TV with Floor Stand (W x H x D) | - |
| Dimension of Package Carton (W x H x D) | Approx. 203.5 x 123.1 x 23.7 cm |
| Stand width (Standard position) | Approx. 154.3 cm |
| Stand width (Narrow position) | Approx. 66.4 cm |
| Stand width (Soundbar position) | - |
| Floor Stand Width | - |
| AC Power Adapter size(W x H x D) | - |
| DC Cable length of AC adaptor(mm) | - |
| AC Cable Length | 1500mm |

## Weights (Approx.)

| | |
|---|---|
| TV with Stand (Front position style/Back position style) | - |
| Weight of TV without Stand | Approx. 45.8 kg |

| | |
|---|---|
| TV with Stand (Standard position) | Approx. 47.8 kg |
| TV with Stand (Narrow position) | Approx. 47.8 kg |
| TV with Stand (Soundbar position) | - |
| Weight of TV with Floor Stand | - |
| Weight of Package Carton(Gross) | Approx. 63 kg |

## Carton Spec

| | |
|---|---|
| Max Qty of carton stacking (vertical) | 2 |
| Max Qty of carton stacking (horizontal) *only for Shop Front | N/A |

## Supplied Accessories

| | |
|---|---|
| Camera Unit (Bundle) | - |
| Voice Remote Control (Supply) | RMF-TX810U |
| Remote | |

| | |
|---|---|
| Control | RMT-TX450E |
| AC Plug Convertor | - |
| Wall-Mount Bracket | - |
| Android TV Setup Guide | - |
| Batteries | LR03+R03 |
| Floor Stand (Supply) | - |
| AC Power Adaptor | - |
| AC Power Cord Spec | Bundle (C7L) (EUROPE) (2pin) (round pins Typ |
| IR Blaster | - |
| Support Belt | - |
| Operating Instructions | EN,FR,ES,NL,DE,PT,IT,SE,DK,FI,NO,PL,CZ,SK,H |
| Quick Setup Guide / Supplement CUE (GA) | EN,FR,ES,NL,DE,PT,IT,DK,NO,SE,FI,PL,CZ,SK,H |
| Table Top Stand | Separate (Assembly required) |

## Optional Accessories

| | |
|---|---|
| Camera Unit (option) | CMU-BC1 |
| Floor Stand (Option) | - |
| Wallmount Bracket | SU-WL450(Terminal access limitation, refer to SU-WL450 product page) |

## PrimeSupport

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

## Gallery