SONY

# FWD-65XR80

BRAVIA 8 Series OLED 65" 4K Display with Google TV & 3 years PrimeSupport



Specifications

| Common Item | |
|---|---|
| Marketing Name | BRAVIA 8 |
| 8 digit code | 12648900,12648910 |
| Model Year | 2024 |

| 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 |
| CI+ | Yes |
| Color Space | sRGB / BT709, BT2020, AdobeRGB, DCI |
| Operating System | Android 12 |
| On-board Storage (GB) | 32GB |

| Display Features | |
|---|---|
| Display type | OLED |

| Display Specs | |
|---|---|
| Screen Size (inch, measured diagonally) | 65" (64.5") |
| Screen Size for WEB(diagonal, cm, integer or 1st decimal) | 164 cm |
| 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 | |
|---|---|
| Peak Luminance | XR Contrast Booster 15 |
| TRILUMINOS | XR Triluminos Pro |

## Video Features

| | |
|---|---|
| Features for PlayStation®5 Auto HDR Tone Mapping | Yes |
| Features for PlayStation®5 Auto Genre Picture Mode | Yes |
| XR Clear Image | Yes |
| Picture modes | Vivid, Standard, Cinema, Professional, Calm, Photo, IMAX Enhanced, Dolby Vision (Vivid / Bright / Dark / Game), FPS game, RTS game |
| Auto Wide | Yes |
| Wide Mode | Full / Vertical Fit / Horizontal Fit / Original,<br>Full / Vertical Fit / Horizontal Fit / Original |
| Motion enhancer | XR Motion Clarity, Auto mode |
| Blinking Type | Frame Blinking |
| 24p True Cinema | Yes |
| Live Colour™ Technology | Yes |
| CineMotion / Film Mode / Cinema Drive | Yes |
| 4K Processor | XR Processor |
| HDR (High Dynamic Range) compatibility | Yes (HDR10,HLG,Dolby Vision) |
| Panel Refresh Rate (Native Hertz) | 120Hz |
| Dynamic Contrast Enhancer | Yes |

## Audio Specs

| | |
|---|---|
| Channel | 2.1ch |
| Audio Power Output | 10W + 10W + 10W + 10W + 10W *1 |
| Speaker Position | Front + Side |
| Bass / Treble / Balance | Balance |
| Speaker Type | Acoustic Surface Audio+ |
| Speaker Configuration | Actuator x 2, Tweeter x 2, Subwoofer x 1 |
| Digital audio out (Optical) format | Two channel linear PCM: 48kHz 16bits, Dolby Audio, DTS |

## Audio Features

| | |
|---|---|
| Acoustic Center Sync | Yes (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 |
| Speaker Type-2 | Sound Positioning Tweeter |
| Clear Phase | Yes |
| S-Master | S-Master Digital Amplifier |
| Auto Surround | Yes |
| DTS audio format support | DTS Digital Surround,<br>DTS Express,<br>DTS-HD Master Audio,<br>DTS-HD High Resolution Audio,<br>DTS:X |
| Simulated surround sound | S-Force Front Surround |
| Dolby audio format support | Dolby Audio, Dolby Atmos |
| Voice Zoom | Voice Zoom 3 (Also available with compatible Sony Soundbar) |
| 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 |

## Audio Features

| | |
|---|---|
| ARC output format | Two channel linear PCM: 48kHz 16bits, 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 / 6GHz (Depend on country) |
| Internet Browser | Yes |
| 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,WEBM: VP9 / AC4 / ogg / AAC / ARW (Screen nail only) |
| Wireless LAN | Integrated |

## Convenience Features

| | |
|---|---|
| Optimization of HDMI input | Prioritize HDMI content type information |
| Source-Based Tone Mapping(SBTM) | Yes (for HDMI3 / 4) |
| UVC / UAC support | Yes |
| Variable Refresh Rate (VRR) | Yes (for HDMI3 / 4) |
| Auto Low Latency Mode (ALLM) | Yes (for HDMI1 / 2 / 3 / 4) |
| Features specified in HDMI2.1 | 4K120 / eARC / VRR / ALLM / SBTM (Source-Based Tone Mapping) |
| 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) |
| USB playback codecs | MPEG1:MPEG1 / MPEG2PS:MPEG2 / MPEG2TS (HDV,AVCHD): MPEG2,AVC / MP4 (XAVC S): AVC,MPEG4,HEVC / AVI:Xvi / ARW (Screen nail only) |
| Built-in Mic | 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 |
| 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,H |

## Sensing Features

| | |
|---|---|
| Sensor | Light |

## Energy Saving & Efficiency

| | |
|---|---|
| SORPLAS | Yes |
| EEA SDR RANK | E |
| On mode power 1000h SDR(New lot5) | 83 kWh / 1000h |
| Mercury content(mg) | 0.0 |
| Lead Content | Yes |
| Power Saving Mode / Back Light Off Mode | Yes |

## General Features

| | |
|---|---|
| Smart TV | Google TV |
| SONY PICTURES CORE Calibrated mode | Yes |
| Prime Video Calibrated mode | Yes *2 |
| Auto Calibration with CalMAN | Yes |
| Netflix Calibrated mode | Yes (Adaptive Calibrated Mode) |
| IMAX Certified Model | Yes |
| SONY PICTURES CORE | 10 credits / 24 months |

## Accessibility Features

| | |
|---|---|
| Color Inversion | Yes |
| Screen Reader | Yes |
| Audio Description | Yes |
| Closed Captions (Digital) | Subtitle |
| Text Magnification | Yes |
| Accessibility Shortcut | Yes |
| Voice Search | Yes |
| Menu timeout settings | Yes |
| Power-on Volume settings | Yes |
| TalkBack | Yes |
| Switch Access | Yes |

## Broadcast Features

| | |
|---|---|
| Teletext | Yes |
| Teletext number of pages | 1000 pages |

## Design Features

| | |
|---|---|
| Stand Position | 4way position (Outside / Inside / Outside for Soundbar / Inside for Soundbar) |
| Stand Color | Dark silver |
| Bezel Design | Seamless Edge |

## Design Features

| | |
|---|---|
| Cable Management | Yes |
| Frame color | Dark Silver / Vibration finish |
| Stand Design | Underlay stand |

## Inputs and Outputs

| | |
|---|---|
| HDMI Signal | 4096x2160p (24,50,60Hz),<br>3840x2160p (24,25,30,50,60,100,120Hz) *3,<br>1080p (24,30,50,60,100,120Hz),<br>1080i (50,60Hz),<br>720p (24,30,50,60Hz),<br>576p,<br>480p |
| HDCP | HDCP2.3 (for HDMI1 / 2 / 3 / 4) |
| Bluetooth profile support | Version 5.3, HID / HOGP / SPP / A2DP / AVRCP |
| 4K 60P High-Quality formats | HDMI IN1, IN2 ports for 4K (up to 18Gbps) signal,<br>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) | 2 (Side) |
| HDMI inputs total | 4 (4Side) |
| Digital Audio Output(s) | 1 (Side) |
| USB ports | 2 (Side) |
| Ethernet inputs | 1 (Side) |
| PCMCIA Slot(s) | 1 (Top) |
| HDMI PC Input Format | 640x480 (31.5kHz,60Hz),<br>800x600 (37.9kHz,60Hz),<br>1024x768 (48.4kHz,60Hz),<br>1280x1024 (64.0kHz,60Hz),<br>1152x864 (67.5kHz,75Hz),<br>1600x900 (55.9kHz,60Hz),<br>1680x1050 (65.3kHz,60Hz),<br>1920x1080 (67.5kHz,60Hz) |

## Power

| | |
|---|---|
| Power consumption (Networked Standby Mode) | 2.00W (Wi-Fi) / 2.00W (LAN) / 0.50W (CEC) |
| Power Requirements (voltage) | 220 V - 240 V AC |
| Power Requirements (frequency) | 50 Hz |
| Rated Power Consumption | 460 W |
| Power Consumption (Standby Mode) | 0.50 W |

## Regulation and Standard Compliance

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

## Measurements (Approx.)

| | |
|---|---|
| TV with Stand (Inside for Soundbar) (W x H x D) | Approx. 144.2 x 90.9 x 24.8 cm |
| Dimension of TV without Stand (W x H x D) | Approx. 144.2 x 82.9 x 3.7 cm |
| TV with Stand (Standard position) (W x H x D) | Approx. 144.2 x 85.5 x 24.8 cm |
| TV with Stand (Narrow position) (W x H x D) | Approx. 144.2 x 85.5 x 24.8 cm |
| TV with Stand (Soundbar position) (W x H x D) | Approx. 144.2 x 90.9 x 24.8 cm |
| Dimension of Package Carton (W x H x D) | Approx. 156.8 x 95.1 x 18.4 cm<br>Approx. 160.3 x 95.8 x 18.4 cm |
| Stand width (Standard position) | Approx. 124.4 cm |
| Stand width (Narrow position) | Approx. 58.4 cm |
| Stand width (Soundbar position) | Approx. 124.4 cm |
| AC Cable Length | 1500 mm |

| Weights (Approx.) | |
|---|---|
| Stand Width (Inside for Soundbar) | Approx. 58.4 cm |
| TV with Stand (Inside for Soundbar) | Approx. 23.2 kg |
| Weight of TV without Stand | Approx. 22.3 kg |
| TV with Stand (Standard position) | Approx. 23.2 kg |
| TV with Stand (Narrow position) | Approx. 23.2 kg |
| TV with Stand (Soundbar position) | Approx. 23.2 kg |
| Weight of Package Carton(Gross) | Approx. 31 kg |

| Carton Spec | |
|---|---|
| Max Qty of carton stacking (vertical) | 4 |
| Max Qty of carton stacking (horizontal) *only for Shop Front | N/A |

| Supplied Accessories | |
|---|---|
| Voice Remote Control (supply) included Rechargeable Battery | Yes |
| USB Type-C Cable | Yes |
| Voice Remote Control (Supply) | RMF-TX920U |
| Remote Control | RMT-TX450E |
| Batteries | R03 |
| AC Power Cord Spec | Bundle (C7L) (EUROPE) (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) |

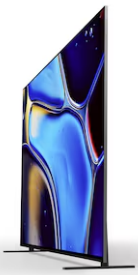
| Optional Accessories | |
|---|---|
| Camera Unit (option) | CMU-BC1 |
| Wallmount Bracket | Sony original Wall-Mount Bracket *4 |

| Notes | |
|---|---|
| *1 | Except in Power Saving Mode. |
| *2 | Firmware update may be required. |
| *3 | 100Hz and 120Hz is supported by HDMI IN 3 and IN 4 |
| *4 | Please refer this compatibility list : https://www.sony.net/wall-mount-bracket |

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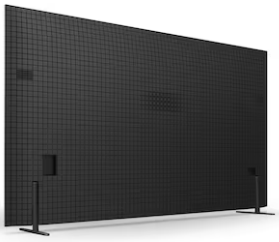
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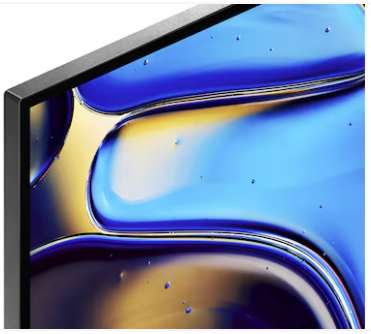




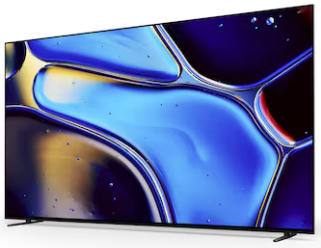




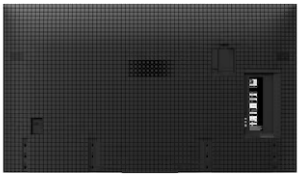




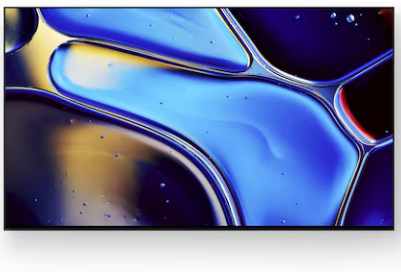




















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