

# FWD-55XR80

BRAVIA 8 Series OLED 55" 4K  
Display with Google TV & 3 years  
PrimeSupport



## Specifications

| Common Item                                  |                                                  |
|----------------------------------------------|--------------------------------------------------|
| Marketing Name                               | BRAVIA 8                                         |
| 8 digit code                                 | 12649210                                         |
| 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)                   | 55" (54.6")            |
| Screen Size for WEB(diagonal, cm, integer or 1st decimal) | 139 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      |
| 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, 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, 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 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 |
| 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) |
| Built-in Mic switch             | Yes (Center)                                    |
| X-Protection PRO                | Y (with Lightning, Surge, Humidity Protection)  |
| Electronic Program Guide (EPG)  | Yes                                             |
| USB HDD                         | Yes (1Rec) (Except Italy)                       |

## Recording

|                                  |                                                                 |
|----------------------------------|-----------------------------------------------------------------|
| USB playback codecs              | MPEG1:MPEG1 / MPEG2PS:MPEG2 / MPEG2TS (HDMI) (Screen nail only) |
| Built-in Mic                     | Yes                                                             |
| Text Input Language              | ARA / BUL / CAT / HRV / CES / DAN / DUT / ENG / E               |
| Chromecast built-in              | Yes                                                             |
| Application Store                | Yes (Google Play Store)                                         |
| BRAVIA Sync (including HDMI-CEC) | Yes                                                             |
| i-Manual                         | Yes                                                             |
| Parental Control                 | Yes                                                             |
| Channel Block (with password)    | Digital                                                         |
| On Screen Clock                  | Yes                                                             |
| Sleep Timer                      | Yes                                                             |
| On/Off Timer                     | Yes                                                             |

|                             |                                                    |
|-----------------------------|----------------------------------------------------|
| USB drive<br>format support | Yes (Supported File System: FAT16 / FAT32 / exFAT) |
| Display<br>Language         | AFR,AMH,ARA,ASM,AZE,BEL,BUL,BEN,BOS,CAT,CZ         |

Sensing Features

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

Energy Saving & Efficiency

|                                            |                |
|--------------------------------------------|----------------|
| SORPLAS                                    | Yes            |
| EEA SDR RANK                               | F              |
| On mode power 1000h<br>SDR(New lot5)       | 72 kWh / 1000h |
| Mercury content(mg)                        | 0.0            |
| Lead Content                               | Yes            |
| Power Saving Mode /<br>Back Light Off Mode | Yes            |

General Features

|          |           |
|----------|-----------|
| Smart TV | Google TV |
|----------|-----------|

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

|                              |          |
|------------------------------|----------|
| Accessibility Features       |          |
| Color Inversion              | Yes      |
| Screen Reader                | Yes      |
| Audio Description            | Yes      |
| Closed Captions<br>(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                                                                 |
| Cable Management | Yes                                                                           |
| Frame color      | Dark Silver / Vibration finish                                                |
| Stand Design     | Underlay stand                                                                |

| Inputs and Outputs                         |                                                                                                                                                                          |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HDMI Signal                                | 4096x2160p (24,50,60Hz),<br>3840x2160p<br>(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<br>(Networked Standby Mode) | 2.00W (Wi-Fi) / 2.00W (LAN) / 0.50W (CEC) |
| Power Requirements<br>(voltage)               | 220 V - 240 V AC                          |
| Power Requirements<br>(frequency)             | 50 Hz                                     |
| Rated Power Consumption                       | 362 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. 122.3 x 78.6 x 24.8 cm

Dimension of TV  
without Stand (W x H x  
D) Approx. 122.3 x 70.6 x 3.7 cm

TV with Stand  
(Standard position) (W  
x H x D) Approx. 122.3 x 73.2 x 24.8 cm

TV with Stand (Narrow  
position) (W x H x D) Approx. 122.3 x 73.2 x 24.8 cm

TV with Stand  
(Soundbar position)  
(W x H x D) Approx. 122.3 x 78.6 x 24.8 cm

|                                            |                                |
|--------------------------------------------|--------------------------------|
| Dimension of Package<br>Carton (W x H x D) | Approx. 135.9 x 84.1 x 18.0 cm |
|--------------------------------------------|--------------------------------|

|                                    |                  |
|------------------------------------|------------------|
| Stand width<br>(Standard position) | Approx. 107.5 cm |
|------------------------------------|------------------|

|                                  |                 |
|----------------------------------|-----------------|
| Stand width (Narrow<br>position) | Approx. 58.4 cm |
|----------------------------------|-----------------|

|                                    |                  |
|------------------------------------|------------------|
| Stand width<br>(Soundbar position) | Approx. 107.5 cm |
|------------------------------------|------------------|

|                 |         |
|-----------------|---------|
| AC Cable Length | 1500 mm |
|-----------------|---------|

## Weights (Approx.)

|                                      |                 |
|--------------------------------------|-----------------|
| Stand Width (Inside<br>for Soundbar) | Approx. 58.4 cm |
|--------------------------------------|-----------------|

|                                        |               |
|----------------------------------------|---------------|
| TV with Stand (Inside<br>for Soundbar) | Approx. 18 kg |
|----------------------------------------|---------------|

|                               |                 |
|-------------------------------|-----------------|
| Weight of TV without<br>Stand | Approx. 17.1 kg |
|-------------------------------|-----------------|

|                                      |               |
|--------------------------------------|---------------|
| TV with Stand<br>(Standard position) | Approx. 18 kg |
|--------------------------------------|---------------|

|                                    |               |
|------------------------------------|---------------|
| TV with Stand (Narrow<br>position) | Approx. 18 kg |
|------------------------------------|---------------|

|               |  |
|---------------|--|
| TV with Stand |  |
|---------------|--|

|                     |               |
|---------------------|---------------|
| (Soundbar position) | Approx. 18 kg |
|---------------------|---------------|

|                                    |               |
|------------------------------------|---------------|
| Weight of Package<br>Carton(Gross) | Approx. 24 kg |
|------------------------------------|---------------|

### Carton Spec

|                                          |   |
|------------------------------------------|---|
| Max Qty of carton<br>stacking (vertical) | 6 |
|------------------------------------------|---|

|                                            |     |
|--------------------------------------------|-----|
| Max Qty of carton<br>stacking (horizontal) | N/A |
| *only for Shop Front                       |     |

### Supplied Accessories

|                                                 |     |
|-------------------------------------------------|-----|
| Voice Remote<br>Control<br>(supply)<br>included | Yes |
| Rechargeable<br>Battery                         |     |

|                     |     |
|---------------------|-----|
| USB Type-C<br>Cable | Yes |
|---------------------|-----|

|                                     |            |
|-------------------------------------|------------|
| Voice Remote<br>Control<br>(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,B |
| Quick Setup Guide / Supplement CUE (GA) | EN,FR,ES,NL,DE,PT,IT,DK,NO,SE,FI,PL,CZ,SK,HU,RO,B |
| Table Top Stand                         | Separate (Assembly required)                      |

## Optional Accessories

|                      |                                        |
|----------------------|----------------------------------------|
| Camera Unit (option) | CMU-BC1                                |
| Wallmount Bracket    | Sony original Wall-Mount Bracket<br>*4 |

## Notes

|    |                                  |
|----|----------------------------------|
| *1 | Except in Power Saving Mode.     |
| *2 | Firmware update may be required. |

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\*3

100Hz and 120Hz is supported by  
HDMI IN 3 and IN 4

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\*4

Please refer this compatibility list :  
[https://www.sony.net/wall-  
mount-bracket](https://www.sony.net/wall-mount-bracket)

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## Gallery



