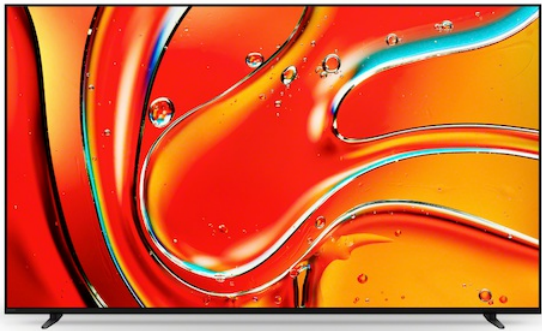


# FWD-85XR70

BRAVIA 7 Series QLED (XR|Mini LED) 85" 4K Display with Google TV & 3 years PrimeSupport



## Specifications

| Common Item                                  |                                                  |
|----------------------------------------------|--------------------------------------------------|
| Marketing Name                               | BRAVIA 7                                         |
| 8 digit code                                 | 12645110                                         |
| 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 | LCD |
|--------------|-----|

|                                                           |                              |
|-----------------------------------------------------------|------------------------------|
| Backlight dimming type                                    | Local 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 (Full Array Mini 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                                                    | Yes                                                                                                                                            |
| Peak Luminance                                           | XR Contrast Booster 20                                                                                                                         |
| TRILUMINOS                                               | XR Triluminos Pro                                                                                                                              |
| Features for<br>PlayStation®5 Auto<br>HDR Tone Mapping   | Yes                                                                                                                                            |
| Features for<br>PlayStation®5 Auto<br>Genre Picture Mode | Yes                                                                                                                                            |
| XR Clear Image                                           | Yes                                                                                                                                            |
| Picture modes                                            | Vivid, Standard, Cinema,<br>Professional, Calm, Photo, IMAX<br>Enhanced, Dolby Vision (Vivid /<br>Bright / Dark / Game), FPS game,<br>RTS game |
| Auto Wide                                                | Yes                                                                                                                                            |
| Wide Mode                                                | Full / Vertical Fit / Horizontal Fit /<br>Original,<br>Full / Vertical Fit / Horizontal Fit /<br>Original                                      |
| Motion enhancer                                          | XR Motion Clarity, Auto mode                                                                                                                   |
| Blinking Type                                            | Line 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                 | 2ch                      |
| Audio Power Output      | 10W + 10W + 10W + 10W *1 |
| Speaker Position        | Down Firing + Side Back  |
| Bass / Treble / Balance | Balance                  |
| Speaker Type            | Acoustic Multi-Audio     |

|                                       |                                                           |
|---------------------------------------|-----------------------------------------------------------|
| Speaker Configuration                 | Full Range (Bass Reflex) x 2,<br>Tweeter x 2              |
| Digital audio out<br>(Optical) format | Two channel linear PCM: 48kHz<br>16bits, Dolby Audio, DTS |

## Audio Features

|                                                 |                                       |
|-------------------------------------------------|---------------------------------------|
| Acoustic Center Sync                            | Yes (S-CENTER SPEAKER IN)             |
| Ready for 360 Spatial<br>Sound Personalizer     | Yes (via Bluetooth)                   |
| Simultaneous Sound<br>Output with TV<br>Speaker | Bluetooth A2DP Device                 |
| Vertical Surround<br>Engine                     | Vertical Surround Engine              |
| Acoustic Auto<br>Calibration                    | Room & User Position<br>Compensation  |
| Speaker Type-2                                  | Sound Positioning Tweeter             |
| Clear Phase                                     | Yes                                   |
| S-Master                                        | S-Master Digital Amplifier            |
| Auto Surround                                   | Yes                                   |
|                                                 | DTS Digital Surround,<br>DTS Express, |

|                                |                                                                                                                                                                                            |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DTS audio format support       | 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 Recording                | Yes (1Rec) (Except Italy)                                         |
| USB playback codecs              | MPEG1:MPEG1 / MPEG2PS:MPEG2 / MPEG2TS (HDD)<br>(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<br>(with password) | Digital                                            |
| On Screen<br>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                         | C              |
| On mode power 1000h<br>SDR(New lot5) | 83 kWh / 1000h |
| Mercury content(mg)                  | 0.0            |
| Lead Content                         | Yes            |

|                                         |                                |
|-----------------------------------------|--------------------------------|
| Dynamic Backlight Control               | 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         |
| Demo Mode                               | Yes (e-POP only)               |

## 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                                                                 |
| 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, 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 / Hybrid with S-Center Speaker Input)                                                                                                                                                                                |
| 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 | 2.00W (Wi-Fi) / 2.00W (LAN) / 0.50W |

|                          |       |
|--------------------------|-------|
| (Networked Standby Mode) | (CEC) |
|--------------------------|-------|

|                              |                  |
|------------------------------|------------------|
| Power Requirements (voltage) | 220 V - 240 V AC |
|------------------------------|------------------|

|                                |       |
|--------------------------------|-------|
| Power Requirements (frequency) | 50 Hz |
|--------------------------------|-------|

|                         |       |
|-------------------------|-------|
| Rated Power Consumption | 395 W |
|-------------------------|-------|

|                                  |        |
|----------------------------------|--------|
| Power Consumption (Standby Mode) | 0.50 W |
|----------------------------------|--------|

## Regulation and Standard Compliance

|                               |     |
|-------------------------------|-----|
| VESA® Hole Spacing Compatible | Yes |
|-------------------------------|-----|

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

## Measurements (Approx.)

|                                                 |                                 |
|-------------------------------------------------|---------------------------------|
| TV with Stand (Inside for Soundbar) (W x H x D) | Approx. 189.1 x 116.5 x 47.4 cm |
|-------------------------------------------------|---------------------------------|

|                                           |                                       |
|-------------------------------------------|---------------------------------------|
| Dimension of TV without Stand (W x H x D) | Approx. 189.1 x 108.7 x 5.7 (4.67) cm |
|-------------------------------------------|---------------------------------------|

|                                                  |                                 |
|--------------------------------------------------|---------------------------------|
| D)                                               |                                 |
| TV with Stand<br>(Standard position) (W x H x D) | Approx. 189.1 x 111.1 x 47.4 cm |
| TV with Stand (Narrow position) (W x H x D)      | Approx. 189.1 x 111.1 x 47.4 cm |
| TV with Stand<br>(Soundbar position) (W x H x D) | Approx. 189.1 x 116.5 x 47.4 cm |
| Dimension of Package Carton (W x H x D)          | Approx. 200.6 x 123.3 x 22.6 cm |
| Stand width<br>(Standard position)               | Approx. 156.6 cm                |
| Stand width (Narrow position)                    | Approx. 60.9 cm                 |
| Stand width<br>(Soundbar position)               | Approx. 156.6 cm                |
| AC Cable Length                                  | 1500 mm                         |

|                                   |                 |
|-----------------------------------|-----------------|
| Weights (Approx.)                 |                 |
| Stand Width (Inside for Soundbar) | Approx. 60.9 cm |

|                                     |                 |
|-------------------------------------|-----------------|
| TV with Stand (Inside for Soundbar) | Approx. 50.7 kg |
| Weight of TV without Stand          | Approx. 48.6 kg |
| TV with Stand (Standard position)   | Approx. 50.7 kg |
| TV with Stand (Narrow position)     | Approx. 50.7 kg |
| TV with Stand (Soundbar position)   | Approx. 50.7 kg |
| Weight of Package Carton(Gross)     | Approx. 63 kg   |

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

| Supplied Accessories |  |
|----------------------|--|
| Voice Remote Control |  |

|                                                  |                                                   |
|--------------------------------------------------|---------------------------------------------------|
| (supply)<br>included<br>Rechargeable<br>Battery  | Yes                                               |
| USB Type-C<br>Cable                              | Yes                                               |
| Voice Remote<br>Control<br>(Supply)              | RMF-TX920U                                        |
| Remote<br>Control                                | RMT-TX450E                                        |
| Batteries                                        | R03                                               |
| AC Power<br>Cord Spec                            | Bundle (C7L) (EUROPE) (2pin) (round pins Type C)  |
| Operating<br>Instructions                        | EN,FR,ES,NL,DE,PT,IT,SE,DK,FI,NO,PL,CZ,SK,HU,RO,B |
| Quick Setup<br>Guide /<br>Supplement<br>CUE (GA) | EN,FR,ES,NL,DE,PT,IT,DK,NO,SE,FI,PL,CZ,SK,HU,RO,B |
| Table Top<br>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. |
|----|----------------------------------|

|    |                                                       |
|----|-------------------------------------------------------|
| *3 | 100Hz and 120Hz is supported by<br>HDMI IN 3 and IN 4 |
|----|-------------------------------------------------------|

|    |                                                                                                                                         |
|----|-----------------------------------------------------------------------------------------------------------------------------------------|
| *4 | Please refer this compatibility list :<br><a href="https://www.sony.net/wall-mount-bracket">https://www.sony.net/wall-mount-bracket</a> |
|----|-----------------------------------------------------------------------------------------------------------------------------------------|

## Gallery

