

# FWD-75XR90

BRAVIA 9 Series QLED  
(XR|Mini LED) 75" 4K Display  
with Google TV & 3 years  
PrimeSupport



## Specifications

| Common Item                                  |                                                     |
|----------------------------------------------|-----------------------------------------------------|
| Marketing Name                               | BRAVIA 9                                            |
| 8 digit code                                 | 12649610                                            |
| Model Year                                   | 2024                                                |
| TV System                                    |                                                     |
| TV System (Analog)                           | B/G,D/K                                             |
| Tuner Channel Coverage (Analog)              | 45.25MHz-863.25MHz<br>(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

|                     |     |
|---------------------|-----|
| X-Anti Reflection   | Yes |
| Display type        | LCD |
| X-Wide Angle        | Yes |
| Rich Color Enhancer | N/A |

|                        |               |
|------------------------|---------------|
| Backlight dimming type | Local Dimming |
|------------------------|---------------|

Display Specs

|                                                           |                              |
|-----------------------------------------------------------|------------------------------|
| Screen Size (inch, measured diagonally)                   | 75" (74.5")                  |
| Screen Size for WEB(diagonal, cm, integer or 1st decimal) | 189 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 30 |
| TRILUMINOS                | XR Triluminos Pro      |

|                                                       |                                                                                                                                    |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Features for PlayStation®5<br>Auto HDR Tone Mapping   | Yes                                                                                                                                |
| Features for PlayStation®5<br>Auto Genre Picture Mode | Yes                                                                                                                                |
| XR Clear Image                                        | Yes                                                                                                                                |
| High Peak Luminance                                   | 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                                         | 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                            | 2.2.2ch                                                                                             |
| Audio Power Output                 | 10W + 10W + 10W + 10W + 10W + 10W + 5W + 5W *1                                                      |
| Speaker Position                   | Front + Side + Top                                                                                  |
| Bass / Treble / Balance            | Balance                                                                                             |
| Speaker Type                       | Acoustic Multi-Audio+                                                                               |
| Speaker Configuration              | Multi way Multi-amplifier connections (Tweeter x 2, Mid Range x 2, Subwoofer x 2, Beam Tweeter x 2) |
| 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                            | Frame Tweeter, Beam 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 /<br>MPEG2PS:MPEG2 / MPEG2TS (HDV,AVCHD): MPEG2,AVC / MP4 (XAVC S):<br>AVC,MPEG4,HEVC /<br>AVI:Xvid,MotionJpeg / ASF (WMV): VC1 /<br>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           | Yes (for HDMI3 / 4)                      |

(VRR)

Auto Low  
Latency Mode  
(ALLM)

Yes (for HDMI1 / 2 / 3 / 4)

Features  
specified in  
HDMI2.1

4K120 / eARC / VRR / ALLM / SBTM (Source)

Built-in Mic  
switch

Yes (Left)

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 / MPEG  
ARW (Screen nail only)

Built-in Mic

Yes

Text Input  
Language

ARA / BUL / CAT / HRV / CES / DAN / DUT /

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 format support      | Yes (Supported File System: FAT16 / FAT32) |
| Display Language              | AFR,AMH,ARA,ASM,AZE,BEL,BUL,BEN,BOS        |

## Sensing Features

|        |               |
|--------|---------------|
| Sensor | Light / Color |
|--------|---------------|

## Energy Saving & Efficiency

|                                   |                |
|-----------------------------------|----------------|
| SORPLAS                           | Yes            |
| EEA SDR RANK                      | D              |
| On mode power 1000h 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 |     |
|------------------------|-----|
|                        | Yes |

## Color Inversion

|                           |          |
|---------------------------|----------|
| 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 / Hairline         |
| 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)<br>*3,<br>1080p<br>(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              | Pigtail (REAR)                                                                                                                                                                 |
| RF<br>(Terrestrial/Cable)   | 1 (Side)                                                                                                                                                                       |

## Connection Input(s)

|                         |                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 (Side)                                                                                                                                                                                                                     |
| 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 | 472 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. 166.7 x 103.4 x 39.7 cm |
|-------------------------------------------------|---------------------------------|

|                                           |                                      |
|-------------------------------------------|--------------------------------------|
| Dimension of TV without Stand (W x H x D) | Approx. 166.7 x 96.0 x 4.8 (3.26) cm |
|-------------------------------------------|--------------------------------------|

|                                               |                                |
|-----------------------------------------------|--------------------------------|
| TV with Stand (Standard position) (W x H x D) | Approx. 166.7 x 97.2 x 39.7 cm |
|-----------------------------------------------|--------------------------------|

|                                             |                                |
|---------------------------------------------|--------------------------------|
| TV with Stand (Narrow position) (W x H x D) | Approx. 166.7 x 97.2 x 39.7 cm |
|---------------------------------------------|--------------------------------|

|                                   |                                 |
|-----------------------------------|---------------------------------|
| TV with Stand (Soundbar position) | Approx. 166.7 x 103.4 x 39.7 cm |
|-----------------------------------|---------------------------------|

(W x H x D)

|                                         |                                 |
|-----------------------------------------|---------------------------------|
| Dimension of Package Carton (W x H x D) | Approx. 178.8 x 110.5 x 20.0 cm |
| Stand width (Standard position)         | Approx. 165.7 cm                |
| Stand width (Narrow position)           | Approx. 54.3 cm                 |
| Stand width (Soundbar position)         | Approx. 165.7 cm                |
| AC Cable Length                         | 3500 mm                         |

## Weights (Approx.)

|                                     |                 |
|-------------------------------------|-----------------|
| Stand Width (Inside for Soundbar)   | Approx. 54.3 cm |
| TV with Stand (Inside for Soundbar) | Approx. 45 kg   |
| Weight of TV without Stand          | Approx. 42.3 kg |
| TV with Stand (Standard position)   | Approx. 45 kg   |
| TV with Stand (Narrow position)     | Approx. 45 kg   |
| TV with Stand (Soundbar position)   | Approx. 45 kg   |
| Weight of Package                   |                 |

|               |               |
|---------------|---------------|
| Carton(Gross) | Approx. 56 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 | Yes |
| Rechargeable Battery                   |     |

|                  |     |
|------------------|-----|
| USB Type-C Cable | Yes |
|------------------|-----|

|                               |            |
|-------------------------------|------------|
| Voice Remote Control (Supply) | RMF-TX920U |
|-------------------------------|------------|

|                |            |
|----------------|------------|
| Remote Control | RMT-TX450E |
|----------------|------------|

|           |     |
|-----------|-----|
| Batteries | R03 |
|-----------|-----|

|                    |                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------|
| AC Power Cord Spec | Joint Type (Pig-tail43mm) (ASIA) (2pin) (C18) (2pin) (round pins Type F) + Bundle (C17) (S Type C) |
|--------------------|----------------------------------------------------------------------------------------------------|

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Operating Instructions                  | EN,FR,ES,NL,DE,PT,IT,SE,DK,FI,NO,PL,CZ,SK |
| Quick Setup Guide / Supplement CUE (GA) | EN,FR,ES,NL,DE,PT,IT,DK,NO,SE,FI,PL,CZ,SK |
| 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 :<br><a href="https://www.sony.net/wall-mount-bracket">https://www.sony.net/wall-mount-bracket</a> |

## Gallery



