

# FWD-49X80G

49" BRAVIA 4K Ultra HD, HDR, LED  
Professional Display



## Overview

### **High quality 4K HDR images and smart connectivity**

Enrich your business communications with the FWD-49X80G 49" BRAVIA Professional Display that combines lifelike 4K HDR image quality with easy operation, flexible networking/control and extensive integration options.

Optimised for professional applications, the BRAVIA FWD-49X80G delivers richly coloured, high-contrast 4K HDR images, while 4K X-Reality PRO upscales lower-resolution images closer to true 4K quality.

The display's clean, minimal design keeps your audience focused on what really matters, while ClearAudio+ delivers pure, immersive sound.

It's easy to create attractive digital signage, mixing media files and online content with no need for additional player hardware. There's also a wide range of APIs (Application Programming Interface) options to enable remote control/monitoring and integration with external systems.

Android TV makes your professional display experience even smarter, allowing you to search apps and content with easy hands-free voice searches.

Integration in corporate environments is simplified by Pro mode that allows easy customisation of display settings to suit different applications.

## Features

### **4K image resolution (3840 x 2160 pixels)**

4K offers four times the detail of Full HD, with a resolution of over 8 million pixels bringing extra clarity to corporate display, education and digital signage applications.

### **See finer detail**

4K X-Reality PRO upscales pictures closer to true 4K quality. Images are sharpened and refined in real time, revealing extra detail from lower-resolution picture sources.

### **More colour with TRILUMINOS Display**

TRILUMINOS Display maps colours from a wider palette, faithfully reproducing a world of richer, more lifelike hues and tones.

### **Smoother movement**

Motionflow XR inserts additional picture frames between the originals, ensuring smoother, sharper detail in fast-moving sequences.

### **Optimised for professional use**

The FWD-49X80G meets the needs of today's business and educational environments, with flexible installation options plus wired or wireless network connection and serial communication control.

**Easily create digital signage**

Integrated support for HTML5 makes it easy to produce compelling digital signage, with no extra hardware or prior training needed. Combine graphics, text, 4K video and live web content to create attractive signage in minutes.

**Lifelike listening**

ClearAudio+ fine tunes sound for an immersive, listening experience that seems to surround you. Hear music and dialogue with greater clarity and separation.

**Do more with Android TV**

Discover a world of apps and online content powered by Android TV. Use Voice Search to find content easily with no typing.

**Flexible mounting and installation**

BRAVIA Professional Displays offer flexible mounting options with VESA standard mounting for easy integration into a wide range of environments.

**Quick set-up with Pro Mode**

Customise and store display settings and features, then copy them easily to multiple displays via USB flash memory.

Specifications

| TV System           |   |
|---------------------|---|
| Tuner               | DVB-T/T2  |
| Number of tuners    | 1 ( Digital / Analog )  |
| Display features    |   |
| Dimming type        | Frame Dimming   |
| Display device      | LCD   |
| Backlight type      | Edge LED  |
| Video specs         |   |
| Wide Mode           | Wide zoom / Normal / Full / Zoom / 14:9   |
| 4:3 Default         | Yes   |
| Video Processing    | 4K X-Reality PRO  |
| Motionflow          | Motionflow XR 100 Hz (Native 50 Hz)   |
| Compatible with HDR | Yes ( HDR10, HLG )  |
| Video Signal        | 4096 x 2160p (24,50,60 Hz), 3840 x 2160p (24, 25, 30, 50, 60 Hz), 1080p (30, 50, 60 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (30, 50, 60 Hz), 720/24p, 576p, 576i, 480p, 480i |

### Audio specs

|                    |             |
|--------------------|-------------|
| Speaker position   | Down Firing |
| Audio Power Output | 10W + 10W   |

### Network specs

|                             |  |
|-----------------------------|--|
| Wi-Fi direct                | Yes  |
| Wi-Fi Certified             | Yes  |
| DLNA                        | Home Network Client, Home Network Renderer |
| Miracast (screen mirroring) | Yes  |
| Firmware update             | Yes  |
| Internet Browser            | Vewd                                       |
| Wireless LAN                | Integrated                                 |

### Convenience features

|                     |   |
|---------------------|---|
| USB Play (contents) | MPEG1:MPEG1 / MPEG2PS:MPEG2 / MPEG2TS (HDV, AVCHD):MPEG2, AVC / MP4 (XAVCS):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) / WAV /MP4AAC / FLAC / JPEG |
| On screen clock     | Yes   |
| Sleep timer         | Yes   |
| On/Off timer        | Yes   |
| Google Cast         | Yes   |

### Inputs and outputs

|                               |                                      |
|-------------------------------|--------------------------------------|
| HDCP                          | HDCP 2.3 (for HDMI 1 / 2 / 3 / 4)    |
| RF Connection Input(s)        | 1 (Side)                             |
| Composite Video Input(s)      | 1 (Bottom)                           |
| HDMI™ Connection(s) (Total)   | 4 (2 Side, 2 Rear)                   |
| Analog Audio Input(s) (Total) | 1 (Bottom)                           |
| Digital Audio Output(s)       | 1 (Rear)                             |
| Audio Out                     | 1 (Rear / Hybrid with Headphone Out) |
| USB                           | 3 (Side)                             |

|                        |            |
|------------------------|------------|
| Ethernet Connection(s) | 1 (Bottom) |
|------------------------|------------|

### Design features

|                               |                              |
|-------------------------------|------------------------------|
| Finish (Surface Color)        | Black                        |
| Table Top Stand               | Separate (assembly required) |
| VESA® Hole Spacing Compatible | Yes                          |
| VESA® Hole Pitch              | 200 x 200 mm                 |

### Eco and energy saving

|   |                |
|---|----------------|
| Screen size (measured diagonally)       | 49" (48.5")    |
| Power Consumption (Rated / standard)    | 107 W          |
| Annual Power Consumption                | 280 kWh / Year |
| Power Consumption (in Standby)          | 0.5 W          |
| Power Requirements                      | DC 19.5 V      |
| Power Saving Mode / Back Light Off Mode | Yes            |
| Dynamic Backlight Control               | Yes            |
| Light Sensor                            | Yes            |
| AC Power Input                          | AC ADAPTER     |

### Measurements

|  |                                 |
|--|---------------------------------|
| Display Only (W x H x D) (Approx.)       | Approx. 1101 x 645 x 57 (13) mm |
| Display with Stand (W x H x D) (Approx.) | Approx. 1101 x 704 x 260 mm     |
| Package Carton (W x H x D) (Approx.)     | Approx. 1190 x 780 x 143 mm     |

### Weight

|                    |         |
|--------------------|---------|
| Display Only       | 11.8 kg |
| Display with Stand | 12.4 kg |
| Package Carton     | 17 kg   |

### Display specifications

|                              |                      |
|------------------------------|----------------------|
| Viewing angle (Right / Left) | 178 (89 / 89) degree |
| Viewing angle (Up / Down)    | 178 (89 / 89) degree |
| Display resolution           | QFHD                 |
| Aspect ratio                 | 16:9                 |
| OS                           | Android 7.0 Nougat   |

### Signage specs

|                             |     |
|-----------------------------|-----|
| Easy HTML5 Signage embedded | Yes |
| Multicast / IPTV            | Yes |

### Control specs

|                   |            |
|-------------------|------------|
| RS-232C Control   | 1 (Bottom) |
| IR Pass Through   | Yes        |
| Hotel Mode Pro    | Yes        |
| IP Control        | Yes        |
| HDMI auto wake-up | Yes        |

## Gallery

