

## FWD-49X80H/T

49" BRAVIA 4K Ultra HD HDR  
Professional Display



### Overview

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

Take your business communications to the next level with the FWD-49X80H/T 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 FWD-49X80H/T BRAVIA Professional Display 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 Dolby Atmos delivers pure, immersive sound.

Enrich your audience's display experience with seamless TEOS integration and a choice of built-in solutions to add extra functionality, from meeting room support to automation, with no need for any external devices or players.

With advanced control, Pro Mode, optional interactive compatibility and an embedded HTML5 platform, it makes it easy to create attractive digital signage so you always present a

clear image.

For even greater peace of mind there's the added reassurance of our 3 Years warranty with Repair or if necessary advanced exchange handled by local partner, on premise where possible. You can also choose to extend your support for an additional 2 years.

## 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.

### **More contrast, colour and clarity**

Our 4K HDR Processor X1™ cleans and refines picture signals, using advanced algorithms to cut noise and boost detail. Even lower-resolution images are upscaled closer to 4K with lifelike colour and textures, for a more impactful signage.

### **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.

### **Wider colour with TRILUMINOS Display**

Powered by our X1 processor, TRILUMINOS Display maps colours from a wider palette, faithfully reproducing a world of more vivid, lifelike hues and tones.

### **Smoother movement**

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

### **Refined style to match your space**

BRAVIA features a slim, contemporary blade design, with a

narrow screen bezel that adds an extra touch of refinement to any interior.

### **Do more with Android TV**

Discover a world of apps and online content powered by Android. Use Voice Search to find content easily without typing.

### **Google Chromecast built-in and Apple Airplay**

With Google Chromecast built-in, and Apple Airplay, easily mirror your content and enjoy it on your BRAVIA.

### **Quick set-up with Pro Mode**

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

### **Easily create digital signage**

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

### **Versatile remote control**

Control BRAVIA remotely – including on/off, input signal select and adjust volume – over IP via RJ45 by web API.

### **TEOS integration**

BRAVIA integrates seamlessly with TEOS, Sony's suite of workspace management applications that orchestrate control of devices and content in boardrooms, meeting areas and public spaces.

### **Greater Peace of Mind**

There's the added reassurance of our 3 Years warranty with Repair or if necessary advanced exchange handled by local partner, on premise where possible. You can also choose to extend your support for an additional 2 years.

## Specifications

### Display Features

|                                 |                    |
|---------------------------------|--------------------|
| Brightness (cd/m <sup>2</sup> ) | 430                |
| Native Contrast Ratio           | 1100:1             |
| Dynamic Contrast Ratio          | 390000:1           |
| Response Time (ms)              | 4.8                |
| Panel Type                      | IPS                |
| Dimming Type                    | Frame Dimming      |
| Display Device                  | LCD                |
| Bezel Size (Top, Side, Bottom)  | 11.4 / 11.4 / 18.6 |
| Operation Time                  | 18/7               |

### Display Specifications

|   |            |
|---|------------|
| Screen Size for WEB<br>(diagonal, cm, integer or 1st decimal) | 123 cm     |
| Backlight Type  | Edge LED   |
| Display Resolution (H x V, pixels)                            | 3840 x2160 |

|   |                    |
|---|--------------------|
| Screen Size (inch, measured diagonally) | 49" (48.5")        |
| Viewing Angle (Right/Left)              | 178 (89/89) degree |
| Viewing Angle (Up/Down)                 | 178 (89/89) degree |
| Display Resolution                      | QFHD               |
| Aspect Ratio                            | 16:9               |

## Professional Features

|  |                 |
|--|-----------------|
| Professional Hidden Mode                             | Yes             |
| HDMI Auto Wake-Up                                    | Yes             |
| Multicast / IPTV                                     | Yes             |
| Compatible with TDM Digital Signage / TEOS Solutions | Yes             |
| Operating System                                     | Android 9.0 Pie |
| On-board Storage (GB)                                | 16GB            |

## Display System

|                                      |                    |
|--------------------------------------|--------------------|
| TV System (Digital Terrestrial)      | DVB-T/T2           |
| TV System (Digital Cable)            | DVB-C              |
| TV System (Digital Sat)              | DVB-S/S2           |
| Number of Tuners (Terrestrial/Cable) | 1 (Digital/Analog) |
| Number of Tuners (Sat)               | 1                  |

## Network Features

|                     |            |
|---------------------|------------|
| Wi-Fi Direct        | Yes        |
| Wi-Fi Certified     | Yes        |
| Apple AirPlay       | Yes        |
| Chromecast Built-in | Yes        |
| Internet Browser    | VEWD       |
| Wireless LAN        | Integrated |

## Convenience Features



|  |   |
|--|---|
| HDMI Signal                                | 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, 480p |
| HDCP                                       | HDCP2.3 (for HDMI 1/2/3/4)  |
| AC Power Input                             | AC ADAPTER  |
| RF (Terrestrial/Cable) Connection Input(s) | 1 (Side)  |
| IF (Satellite) Input(s)                    | 1 (Side)  |
| Composite Video Input(s)                   | 1 (Bottom)  |
| HDMI Inputs total                          | 4 (3 Side, 1 Bottom)  |
| USB Ports                                  | 2 (Side)  |
| Ethernet Inputs                            | 1 (Bottom)  |
| PCMCIA Slot(s)                             | 1 (Top)   |

## Audio Specifications

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

## Video Specifications



|  |  |
|--|--|
| Wide Mode                              | Auto / Wide zoom / Normal / Full / Zoom / 14:9 |
| 4:3 Default                            | Yes  |
| Video Processing                       | 4K X-Reality PRO                               |
| Motion Enhancer                        | Motionflow XR 400Hz (Native 50Hz)              |
| 4K Processor                           | X1 4K HDR Processor                            |
| HDR (High Dynamic Range) compatibility | Yes (HDR10, HLG, Dolby Vision)                 |
| Panel Refresh Rate (Native Hertz)      | 50Hz   |

## Design Features

|                               |                  |
|-------------------------------|------------------|
| Cable Management              | Yes              |
| Frame Colour                  | Black            |
| Stand Design                  | Slim Blade Stand |
| VESA® Hole Spacing Compatible | Yes              |
| VESA® Hole Pitch (W x H)      | 20.0 x 20.0 cm   |

## Eco & Energy Saving

|   |   |
|---|---|
| Energy Label Rating                     | A   |
| On-mode Power Consumption               | 74.0W   |
| Standby Power Consumption               | 0.50W   |
| Peak Luminance Ratio for EU             | 71%   |
| Mercury Content (mg)                    | 0.0   |
| Power Saving Mode / Back Light Off Mode | Yes   |
| Power Requirements (voltage)            | AC 220-240V, 50Hz<br>DC 19.5V                   |
| Power Consumption (Networked Standby)   | 2.00W (Wi-Fi) / 2.00W (LAN) / 1.00W (Bluetooth) |

## Dimensions

|                                |                                      |
|--------------------------------|--------------------------------------|
| Display Only (W x H x D)       | Approx. 110.1 x 64.5 x 5.7 (1.30) cm |
| Display with Stand (W x H x D) | Approx. 110.1 x 70.4 x 28.6 cm       |

## Weights (Approx.)

|              |                 |
|--------------|-----------------|
| Display Only | Approx. 11.6 kg |
|--------------|-----------------|

|                    |                 |
|--------------------|-----------------|
| Display with Stand | Approx. 12.1 kg |
|--------------------|-----------------|

|                           |               |
|---------------------------|---------------|
| Package Carton<br>(Gross) | Approx. 17 kg |
|---------------------------|---------------|

## Optional Accessories

|                   |   |
|-------------------|---|
| Wallmount Bracket | SU-WL450 (Terminal access limitation, refer to SU-WL450 product page) |
|-------------------|---|

## PrimeSupport

|                       |   |
|-----------------------|---|
| Included PrimeSupport | 3 years warranty with Repair or if necessary advanced exchange handled by local partner, on premise where possible. |
|-----------------------|---|

|                                  |   |
|----------------------------------|---|
| Optional PrimeSupport Extensions | Optional 2-year support extension available: PSP.FDWXH49.2X |
|----------------------------------|---|

## Gallery

