

## FWD-49X70H/T

49" BRAVIA 4K Ultra HD HDR  
Professional Display



### Overview

#### **Innovative displays designed for business**

Make business more entertaining with the FWD-49X70H/T 49" BRAVIA Professional Display that combines lifelike 4K HDR image quality with easy operation, flexible networking/control and smart content sharing.

Optimised for professional applications, the BRAVIA FWD-49X70H/T delivers richly coloured, high-contrast 4K HDR images, while 4K X-Reality PRO upscales lower-resolution images closer to true 4K quality and the ultra-slim design enhances any corporate or retail environment.

With advanced control, Simple Pro Mode and optional interactive compatibility, creating attractive digital signage is made easier so you always present a clear image.

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.

For even greater peace of mind there's the added reassurance of our 3 Year Advanced Exchange PrimeSupport service. If there's a problem with your display, we'll offer a free, brand new replacement product rather than repair included as standard.

You can also choose to extend your service by 2 additional 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.

### **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.

### **Rich, natural colour with TRILUMINOS Display**

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.

### **A clearer, more natural soundtrack**

Clear Audio+ optimises sound so that all sound and dialogue have greater clarity and separation, bringing you a closer-to-the-real-world listening experience.

### **Smart Plug & Play**

Enjoy content from a smartphone or USB drive in beautiful big-screen detail. Smart Plug and Play makes it easy to share videos, photos and music from multiple devices.

### **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.

## Optimised for professional use

The FWD-49X70H/T meets the needs of today's business and educational environments, with flexible installation options plus wired or wireless network connection and serial communication control.

## Flexible mounting and installation

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

## Greater peace of mind

There's extra reassurance with our 3 Year Advanced Exchange PrimeSupport service that's included as standard. If there's a fault with your BRAVIA Professional Display, we'll provide a replacement unit at no extra charge to keep you up and running.

## 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.

## Specifications

### Display Features

Brightness (cd/m <sup>2</sup> )	393
Native Contrast Ratio	1100:1
Dynamic Contrast Ratio	350000:1
Response Time (ms)	8

Panel Type	IPS
Dimming Type	Frame Dimming
Display Device	LCD
Backlight Type	Edge LED
Bezel Size (Top, Side, Bottom)	11.4 x 11.4 x 18.6
Operation Time	18/7

## Display Specifications

Screen Size for WEB (diagonal, cm, integer or 1st decimal)	123 cm
Backlight Type	Edge LED
Display Resolution (H x V, pixels)	3840 x 2160
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
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Aspect Ratio	16:09
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## Professional Features

Professional Hidden Mode	Yes
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Multicast/ IPTV	Yes
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Compatible with TDM Digital Signage / TEOS Solutions*	Yes
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Operating System	Linux
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On-board Storage (GB)	4GB
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## Display System

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

Wi-Fi Direct	Yes
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Wi-Fi Certified	Yes
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Internet Browser	VEWD
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Firmware Update	Yes
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Wireless LAN	Integrated
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## Convenience Features

USB

Playback Codecs	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / M
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HDMI-CEC	Yes
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i-Manual	Yes
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On Screen Clock	Yes
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Sleep

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Timer	Yes
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On/Off Timer	Yes
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Display Language	BUL/CAT/CZE/DAN/GER/GRE/ENG/SPA/EST/FIN/FRE/H
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## Control Specs

IP Control	Yes
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Pro Mode	Yes (Basic)
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## Inputs & Outputs

HDMI 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
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HDCP	HDCP2.3 (for HDMI 1/2/3)
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AC Power Input	AC ADAPTER
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RF (Terrestrial/Cable) Connection Input(s)	1 (Side)
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IF (Satellite) Input(s)	1 (Side)
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Composite Video Input(s)	1 (Bottom)
HDMI Inputs Total	3 (2 Side,1 Rear)
Audio Output(s)	1 (Rear / Hybrid with Headphone Out)
USB Ports	3 (Side)
Ethernet Inputs	1 (Bottom)
PCMCIA Slot(s)	1 (Top)

## Audio Specifications

Speaker Position	Down Firing
Audio Power Output	10W + 10W
DSEE/DSEE-HX	DSEE

## Video Specifications

Wide Mode	Wide Zoom / Normal / Full / Zoom / 14:9
4:3 Default	Yes
Video Processing	4K X-Reality PRO
Motion Enhancer	Motionflow XR 200Hz (Native 50Hz)



HDR (High Dynamic Range) Compatibility	Yes (HDR10, HLG)
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Panel Refresh Rate (Native Hertz)	50Hz
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## Design Features

Cable Management	Yes
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Frame Color	Black
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Stand Design	Slim Blade Stand
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VESA® Hole Spacing Compatible	Yes
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VESA® Hole Pitch (W x H)	20.0 x 20.0 cm
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## Eco & Energy Saving

Energy Label Rating	A
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On-mode Power Consumption	75.0W
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Standby Power Consumption	0.50W
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Peak Luminance Ratio for EU	71%
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Mercury Content(mg)	0.0
Power Saving Mode / Back Light Off Mode	Yes
Power Requirements (voltage)	AC 220-240V, 50 Hz DC 19.5V
Power Consumption (Networked Standby)	2.00W (Wi-Fi) / 2.00W (LAN)

## 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 70.2 x 28.6 cm

## Weights (Approx.)

Display Only	Approx. 11.9 Kg
Display with Stand	Approx. 12.4 Kg
Package Carton(Gross)	Approx. 17 kg

## Optional Accessories

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

Included PrimeSupport	3 years of Standard helpdesk (Mon-Fri 9:00-18:00 CET) and Advanced Replacement service in case of product fault with all logistics covered.
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Optional PrimeSupport Extensions	Optional 2-year support extension available: PSP.FDWXHL49.2X
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## Notes

Note	* Requires TEP-X96 Player
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## Gallery

