

# FWD-49X80H/T

49" BRAVIA 4K Ultra HD HDR Professional Display



## Overview

The BRAVIA FWD-49X80H/T brings you the clarity, colour and contrast of 4K plus rich multi-dimensional sound, framed in a slim, luxurious design.

Our power-packed X1 processor boosts image detail and cuts noise, bringing you spectacular 4K HDR images that bring you closer to reality. Even lower-resolution pictures are upscaled close to 4K resolution, bringing greater clarity to everything you're viewing or presenting.

Our BRAVIA Professional Displays surrounds you with pure sound that pulls you right into the scene. With Dolby Atmos, sound comes from above as well as from the sides so you can hear objects moving overhead with more realism for a truly multi-dimensional experience.

The FWD-49X80H/T blends harmoniously with any contemporary interior. The displays slim blade design is complemented by a narrow screen bezel that adds an extra touch of refinement.

The BRAVIA FWD-49X80H/T is ideally suited to professional use, with Pro mode allowing quick and easy customisation to suit different environments. Android TV lets you do more, with the display's intuitive built-in software platform broadening control and customisation options even further. Creating attractive digital signage is simple, mixing and displaying media files and online content with no need for additional hardware. A wide range of APIs (Application Programming Interface) options enable remote control/monitoring and integration with external systems.

## Features

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.

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.

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. Powered by our X1 processor, TRILUMINOS Display maps colours from a wider palette,

faithfully reproducing a world of more vivid, lifelike hues and tones.

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Motionflow technology keeps on-screen movement smooth and clear by creating extra images between images and black segments between scenes. You'll see the difference with reduced blur more natural, flowing motion.

BRAVIA features a slim, contemporary blade design, with a narrow screen bezel that adds an extra touch of refinement to any interior.

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

With Apple AirPlay it's easy to stream video and sound to BRAVIA right from an iPhone, iPad or Mac.

Cast videos and apps from a mobile device directly to BRAVIA with Google Chromecast. Just tap the Cast button on your Android or iOS device screen and instantly enjoy super-sized on BRAVIA.

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

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.

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

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> )	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
Backlight Type	Edge LED
Bezel Size (Top, Side, Bottom)	11.4 / 11.4 / 18.6
Operation Time	18/7
Portrait Mode	Yes

### 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 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)
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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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Screen Mirroring (Miracast™)	Yes (only for B2B purpose)
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Apple AirPlay	Yes *1
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Chromecast Built-in	Yes
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Internet Browser	VEWD
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Wireless LAN	Integrated
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### Convenience Features

USB Playback Codecs	MPEG1:MPEG1 / MPEG2PS:MPEG2 / MPEG2TS(HDV,AVCHD):MPEG2,AVC / M-LPCM/WAV / MP4AAC / FLAC / JPEG
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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 Timer	Yes
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On/Off Timer	Yes
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Display Language	AFR,AMH,ARA,ASM,AZE,BEL,BUL,BEN,BOS,CAT,CZE,DAN,DEU,GRE,ENG,SPA
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### Control Specs

IP Control	Yes
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Pro Mode	Yes
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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, 480p
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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 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 (Gross)	Approx. 17 kg

### Optional Accessories

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

Standard Warranty	3 Years with Advanced Exchange. There's extra reassurance with our 3 Year Advanced Exchange Warranty 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.
PrimeSupport Reference	PSP.FDWXH49.2X

### Notes

Note	*1: Available via future firmware update, Internet required
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## Gallery

