

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 ²)	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
--------------------	------

Aspect Ratio	16:09
--------------	-------

Professional Features

Professional Hidden Mode	Yes
--------------------------	-----

Multicast/ IPTV	Yes
-----------------	-----

Compatible with TDM Digital Signage / TEOS Solutions*	Yes
---	-----

Operating System	Linux
------------------	-------

On-board Storage (GB)	4GB
-----------------------	-----

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
-----------------	-----

Internet Browser	VEWD
------------------	------

Firmware Update	Yes
-----------------	-----

Wireless LAN	Integrated
--------------	------------

Convenience Features

USB

Playback Codecs	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / M
-----------------	---

HDMI-CEC	Yes
----------	-----

i-Manual	Yes
----------	-----

On Screen Clock	Yes
-----------------	-----

Sleep

Timer	Yes
-------	-----

On/Off Timer	Yes
-----------------	-----

Display Language	BUL/CAT/CZE/DAN/GER/GRE/ENG/SPA/EST/FIN/FRE/H
---------------------	---

Control Specs

IP Control	Yes
------------	-----

Pro Mode	Yes (Basic)
----------	-------------

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
-------------	---

HDCP	HDCP2.3 (for HDMI 1/2/3)
------	--------------------------

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	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)
--	------------------

Panel Refresh Rate (Native Hertz)	50Hz
-----------------------------------	------

Design Features

Cable Management	Yes
------------------	-----

Frame Color	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	75.0W
---------------------------	-------

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, 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)
-------------------	---

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.
-----------------------	---

Optional PrimeSupport Extensions	Optional 2-year support extension available: PSP.FDWXHL49.2X
----------------------------------	--

Notes

Note	* Requires TEP-X96 Player
------	---------------------------

Gallery

