

FWD-49X70H/T

49" BRAVIA 4K Ultra HD HDR Professional Display



Overview

Smart and simple, with beautiful pictures and sound

Smart, stylish and simple, the BRAVIA FWD-49X70H/T brings you wonderfully clear 4K HDR pictures with crisp, natural sound to match.

Whatever you're displaying, 4K X-Reality PRO upscales images close to 4K resolution, sharpening details for remarkable clarity and realism. TRILUMINOS Display faithfully reproduces a wider colour palette, from vivid hues to the subtlest tones.

BRAVIA also creates a more natural soundtrack, with Clear Audio+ optimising sound and dialogue for greater clarity and separation.

Smart Plug and Play makes it easy to play videos, photos and sound from your smartphone or USB drive.

Blending elegantly into any space, BRAVIA features a slim blade design, complemented by a narrow screen bezel that keeps you focused on the picture, not the display itself.

The BRAVIA FWD-49X70H/T is ideally suited to professional use, with Pro mode allowing quick and easy customisation to suit different environments.

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.

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.

The smarter way to enjoy your smartphone

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.

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.

Specifications

Display Features	
Brightness (cd/m ²)	393
Native Contrast Ratio	1100:1
Dynamic Contrast Ratio	350000:1
Response Time (ms)	8
	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
HDMI Auto Wake-Up	No
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
Screen Mirroring (Miracast™)	Yes
Internet Browser	VEWD
Firmware Update	Yes
Wireless LAN	Integrated

Convenience Features

USB
Playback MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI(XVID)
Codecs

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/HEB/HRV/HUN/ITA/KAZ

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)
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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.FDWXHL49.2X

Notes

Note	* Requires TEP-X96 Player
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Gallery

