SONY

FWD-85X80H/T

85" 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-85X80H/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-85X80H/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.

High quality sound that flows around you
X-Balanced Speaker technology (55" models and above) brings

extra clarity to all videos and sound. Dolby Atmos creates an immersive soundstage that comes from above as well as from the sides, letting you hear objects moving overhead with even more realism.

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.

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.

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.

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

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Specifications

Display Features	
Brightness (cd/m²)	560
Native Contrast Ratio	4000:1
Dynamic Contrast Ratio	500000:1
Response Time (ms)	6
Panel Type	VA
Dimming Type	Frame Dimming
Display Device	LCD
Bezel Size (Top, Side, Bottom)	11.9 / 11.9 / 20.8
Operation Time	18/7

Display Specifications	
Screen Size for WEB (diagonal, cm, integer	215 cm

or 1st decimal)

Backlight Type	Direct LED
Display Resolution (H x V, pixels)	3840 x 2160
Screen Size (inch, measured diagonally)	85" (84.6")
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	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

USB Playback Codecs	MPEG1:MPEG1 / MPEG2PS:MPEG2 / MPEG2TS(HDV,AVCH / MP4AAC / FLAC / JPEG
HDMI-CEC	Yes
i-Manual	Yes
On Screen Clock	Yes
Sleep Timer	Yes
On/Off Timer	Yes
Display Language	AFR,AMH,ARA,ASM,AZE,BEL,BUL,BEN,BOS,CAT,CZE,DAN,

Control Specs

IP Control	Yes

Pro mode	Yes

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
HDCP	HDCP2.3 (for HDMI 1/2/3/4)
AC Power Input	C8 INLET(REAR)
RF (Terrestrial/Cable) Connection Input(s)	1 (Side)
IF (Satellite) Input(s)	1 (Side)
Composite Video Input(s)	1 (Side)
HDMI Inputs Total	4 (4 Side)
USB Ports	2 (Side)
Ethernet Inputs	1 (Side)
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) Compatiblity	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	Yes

Compatible	
VESA® Hole Pitch(W x H)	40.0 x 40.0 cm

Eco & Energy Saving

Energy Label Rating	A
On-mode Power Consumption	235.0W
Standby Power Consumption	0.50W
Peak Luminance Ratio for EU	70%
Mercury Content (mg)	0.0
Power Saving Mode / Back Light Off Mode	Yes
Power Requirements (voltage)	AC 220-240V
Power Consumption (Networked Standby)	2.00W (Wi-Fi) / 2.00W (LAN) / 1.00W (Bluetooth)

Dimensions

Display Only (W x H x D)	Approx. 189.9 x 108.9 x 7.1 (1.6) cm
Display with Stand (W x H x D)	Approx. 189.9 x 117.4 x 44.2 cm

Weights (Approx.)

Display Only	Approx. 44.1 kg
Display with Stand	Approx. 45.6 kg
Package Carton (Gross)	Approx. 59 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	Optional 2-year support extension

Extensions   available: PSP.FDWXH85.2X

Gallery