

FWD-85X90H

85" BRAVIA 4K HDR Professional Display



Overview

Big, bright, beautiful 4K HDR images and smart connectivity

Take your business communications to the next level with the BRAVIA FWD-85X90H 85" Professional Display. Bright, vibrant 4K HDR images are blended beautifully with easy operation, flexible control and management options plus extensive integration possibilities.

BRAVIA FWD-85X90H features a Full Array LED screen with local dimming for impressively rich, high-contrast pictures that look great from any viewing angle. 4K X-Reality PRO upscales lower-resolution images closer to true 4K quality, giving all your content extra detail and realism.

The clean, minimal styling of BRAVIA keeps your audience focused on what really matters. And for an even richer total AV experience Dolby Atmos delivers pure, immersive sound.

BRAVIA integrates seamlessly with TEOS, Sony's family of productivity-focused workplace management solutions. Achieve more with built-in apps that add extra functionality like automation and meeting room support with no need for extra hardware. Pro Mode gives even more flexibility in business environments, allowing you to customise display settings and

share them easily via multiple displays.

BRAVIA FWD-85X90H also features an embedded HTML5 platform, making it easy to create and display attractive digital signage.

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

Sony's powerful 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 more impactful presentations and 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.

High quality sound that flows around you

X-Balanced Speaker technology brings extra clarity to video soundtracks and other content. 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.

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.

Refined style to match every space

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

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.

Google Chromecast built-in and Apple Airplay

With Google Chromecast built-in plus support for Apple Airplay, it's easy to mirror content wirelessly from portable devices to enjoy on BRAVIA.

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/m ²)	620
Contrast Ratio	4000:1
Dynamic contrast ratio	600000:1
Response time (ms)	6
Panel type	VA
Backlight dimming type	Local Dimming
Display type	LCD

Display specifications

Screen Size for WEB(diagonal, cm, integer or 1st decimal)	215 cm
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Backlight type	Direct(Full Array LED)
Display resolution (H x V, pixels)	3840x2160
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

HDMI Auto Wake Up	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)	2(Digital)/1(Analog)
Number of Tuners (Sat)	2

Network features

Apple AirPlay	Yes
Wi-Fi Direct	Yes
Wi-Fi Certified	Yes
Chromecast built-in	Yes
Internet Browser	Vewd
Wireless LAN	Integrated

Convenience features

USB playback MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD)

codecs

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
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Control specs

IP Control	Yes
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Pro Mode	Yes
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Inputs & outputs

HDMI Signal	4096x2160p(24,50,60Hz), 3840x2160p(24,25,30,50,60,100,120Hz) *1 , 1080p(30,50,60,100,120Hz), 1080/24p,
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	1080i(50,60Hz), 720p(30,50,60Hz), 720/24p, 576p, 480p
HDCP	HDCP2.3(for HDMI1/2/3/4)
AC Power Input	C8 INLET(REAR)
RF (Terrestrial/Cable) Connection Input(s)	1(Side)
IF (Satellite) Input(s)	2(Side)
Composite Video Input(s)	1(Side)
HDMI inputs total	4(4Side)
Digital Audio Output(s)	1(Side)
Audio Output(s)	No
Headphone Output(s)	1(Side)
Ethernet inputs	1(Side)
PCMCIA Slot(s)	1(Top)

Audio Specifications

Speaker Position	Side Back + Down Firing
Audio Power Output	10W + 10W
Digital audio out (Optical) format	Two channel linear PCM: 48kHz 16bits, Dolby Audio, DTS
HDMI Audio Return Channel(ARC)	Yes (eARC/ARC) (for HDMI3)
HDMI input Audio format	5.1 channel linear PCM: 32/44.1/48/88.2/96/176.4/192kHz 16/20/24bits, Dolby Audio, Dolby Atmos, DTS
ARC output format	Two channel linear PCM: 48kHz 16bits, Dolby Audio, Dolby

Video specifications

Wide Mode	Auto/Wide zoom/Normal/Full/Zoom/14:9,Normal/Full1/Full2 for PC
4:3 Default	Yes
Video Processing	4K X-Reality PRO
Motion enhancer	X-Motion Clarity, Auto mode

4K Processor 4K HDR Processor X1

HDR (High Dynamic Range) compatibility Yes(HDR10,HLG,Dolby Vision)

Panel Refresh Rate (Native Hertz) 100Hz

Dynamic Contrast Enhancer Yes

Design Features

Stand Position 2way position(narrow position)

Stand Color Dark Silver

Bezel Design Aluminum Bezel

Cable Management Yes

Frame color Black

Stand Design Metal Blade Stand

VESA® Hole Spacing Compatible Yes

VESA® Hole Pitch(W x H) 40.0x40.0 cm

Eco & Energy saving

Mercury content(mg) 0.0

Power Requirements (frequency) 50Hz

Rated Power Consumption 340W

Power Consumption (in Standby) 0.50 W

Power Requirements (voltage) AC 220-240V

Power consumption(Networked Standby) 2.00W(Wi-Fi) / 2.00W(LAN) / 0.50W(CEC)

Power Saving Mode / Back Light Off Mode Yes

Dimensions

Display Only (W x H x D) Approx. 189.9x108.9x7.2 cm

Display with Stand (W x H x D)	Approx. 189.9x116.2x44.1 cm
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Package Carton (W x H x D)	Approx. 203.6 x 123.2 x 25.8 cm
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Weights (Approx.)

Display Only	Approx. 45.8 Kg
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Display with Stand	Approx. 47.7 Kg
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Package Carton(Gross)	Approx. 62 kg
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Supplied Accessories

Voice

Remote Control	RMF-TX500E
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Batteries	LR03
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AC Power Cord Spec	(C7L) (EUROPE) (2pin) (round pins Type C)
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Operating Instructions	GB,FR,DE,NL,ES,PT,IT,DK,NO,SE,FI,PL,CZ,SK,HU,RO,BG
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Quick Setup Guide /

Supplement GB,FR,DE,NL,ES,PT,IT,DK,NO,SE,FI,PL,CZ,SK,HU,RO,BG
CUE (GA)

Table Top Stand Separate(assembly required)

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.

Notes

*1 100Hz and 120Hz is supported by HDMI IN 3 and IN 4

