

**SONY**

# BRAVIA™ 4K HDR Professional Displays

Innovative displays designed for business

**85"**  
**X90H-Series**

FWD-85X90H

FWD-85X90H/UK



androidtv



AMX

Extron.

Control4



logitech



# 4K HDR picture quality

Bring the incredible depth and quality of 4K HDR resolution to your organisation with BRAVIA 4K Professional Displays, available in 85" screen sizes.

## **Superior displays designed for business**

Advanced control, professional mode, optional interactive compatibility, and an embedded HTML5 platform for easy digital signage creation; our BRAVIA 4K Displays are designed to suit all your professional needs so you always present a clear image.

## **Professional design**

Our line-up offers all the technological performance and style you'd expect from BRAVIA, powered by the X1 enhanced processor. The 4K LCD panel produces four times the pixels of Full HD for outstanding picture quality, while the ultra-slim design enhances any corporate or retail environment.

## **Do more with our BRAVIA solutions**

Look no further with BRAVIA. Our X90H range features a number of fantastic built-in and optional solutions to customise your BRAVIA exactly the way you want. From meeting room solutions, Manage for TEOS, Connect for TEOS, TDM Digital Signage, Smart Automation System and the Applications Store, without the need for any external devices or players.

## Ultimate Picture Quality



### Compatible with High Dynamic Range (HDR)

View a wider range of brightness levels with HDR, the emerging video format that allows content creators to expand their range of creativity.

### Beautifully realistic 4K HDR images

Our 4K HDR Processor X1™ features Object-based HDR remaster, Super Bit Mapping HDR and Dynamic Contrast Enhancer. You'll appreciate the difference with enhanced depth, more realistic textures and pure, natural colours at higher brightness levels.

Additionally, you have the ability to mirror your content directly from your device into your BRAVIA via AppleAirPlay and Chromecast.

### 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.

### Improve content quality with Reality Creation

This high picture quality engine takes Full HD content much, much closer to 4K Ultra HD quality. Whether it's a presentation to clients or engaging digital signage, you'll get the best picture possible.

### Easily create digital signage

Integrated support for HTML5 makes it easy to produce compelling digital signage, with no extra hardware or prior training needed. Combine graphics, text, 4K video and live web content to create attractive signage in minutes.

### Pictures and sound in perfect harmony

Sony's Acoustic Multi-Audio™ system combines two sound positioning tweeters in the rear of the display with the bass reflex speakers for Sound-from-Picture Reality™. Action and sound are precisely aligned for even more immersive viewing.



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## Features

### Do more with Android TV

Discover a world of apps and online content powered by Android TV. Use Voice Search to find content easily with no typing.

### Installation friendly

The slim, stylish display offers a wide range of mounting options, is VESA compliant and integrates colour neatly into any corporate, retail or educational environment.

### Automatic on/off feature

Easily programme your BRAVIA with the On Timer feature to automatically turn the flat panel on /off.

### Professional Mode

There's now more control to disable input or remote control, remove labels and block buttons; customise and store display settings and features, add security then copy them easily from display to display via USB flash memory.



# Specifications

## FWD-85X90H / FWD-85X90H/UK

Display features	Screen Size (inch, measured diagonally)	85"(84.6")
	Brightness (cd/m <sup>2</sup> )	215 cm
	Native contrast ratio	620
	Dynamic contrast ratio	4000:1
	Display resolution (H x V, pixels)	600000:1
	Dimming type	3840 x 2160
	Display device	Local Dimming
	Backlight type	LCD
Professional features	Aspect Ratio	Direct (Full Array LED)
	Operating System	16:9
Display System	On-board Storage (GB)	Android 9.0 Pie
	TV System (Digital Terrestrial)	16GB
	TV System (Digital Cable)	DVB-T/T2
	TV System (Digital Sat)	DVB-C
	Number of Tuners (Terrestrial/Cable)	DVB-S/S2
Network Features	Number of Tuners (Sat)	2(Digital)/1(Analog)
	Wi-Fi Direct	2
	Wi-Fi Certified	Yes
	Apple AirPlay	Yes
	Chromecast built-in	Yes
	Internet Browser	Yes
	Codec for Home Network	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC/MP4(XAVC S):AVC,MPEG4,HEVC/AVI:Xvid,MotinJpeg/ASF(WMV):VC1/MOV:AVC,MPEG4,MotionJpeg/MKV:Xvid,AVC,MPEG4,VP8,HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/LPCM/WAV/MP4AAC/FLAC/JPEG,WEBM:VP9/AC4/ogg/AAC/ARW(Screen nail only)
Convenience features	Wireless LAN	Integrated
	USB playback codecs	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC/MP4(XAVC S):AVC,MPEG4,HEVC/AVI:Xvid,MotinJpeg/ASF(WMV):VC1/MOV:AVC,MPEG4,MotionJpeg/MKV:Xvid,AVC,MPEG4,VP8,HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/LPCM/WAV/MP4AAC/FLAC/JPEG,WEBM:VP9/AC4/ogg/AAC/ARW(Screen nail only)
	HDMI-CEC	Yes
	i-Manual	Yes
	On Screen Clock	Yes
	Sleep Timer	Yes
	On/Off Timer	Yes
Control specs	Display Language	AFR,AMH,ARA,ASM,AZE,BEL,BUL,BEN,BOS,CAT,CZE,DAN,DEU,GRE,ENG,SPA,EST,BAQ,PER,FIN,FRA,GLG,GUJ,HIN,HRV,HUN,IND,ISL,ITA,HEB,JPN,KAZ,KAN,KOR,KIR,LAO,LIT,LAV,MAC,MAL,MON,MAR,MAY,BUR,NOB,NEP,NLD,ORI,PAN,POL,POR,RUM,RUS,SOL,SLV,ALB,SRP,SWE,SWA,TAM,TEL,THA,TGL,TUR,UKR,URD,UZB,VIE,zh_CN,zh_HK,zh_TW,ZUL
	IP Control	Yes
Inputs & Outputs	Pro mode	Yes
	HDMI Signal	4096x2160p(24,50,60Hz), 3840x2160p(24,25,30,50,60,100,120Hz) *1 , 1080p(30,50,60,100,120Hz), 1080/24p, 1080i(50,60Hz), 720p(30,50,60Hz), 720/24p, 576p, 480p
	HDCP	HDCP2.3(for HDMI1/2/3/4)
	RF (Terrestrial/Cable) Connection Input(s)	1(Side)
	IF (Satellite) Input(s)	2(Side)
	Composite Video Input(s)	1(Side)
	HDMI inputs total	4(Side)
	USB ports	2(Side)
	Ethernet inputs	1(Side)
	HDMI PC Input Format	640x480(31.5kHz,60Hz), 800x600(37.9kHz,60Hz), 1024x768(48.4kHz,60Hz), 1280x1024(64.0kHz,60Hz), 1152x864(67.5kHz,75Hz), 1600x900(55.9kHz,60Hz), 1680x1050(65.3kHz,60Hz), 1920x1080(67.5kHz,60Hz), 3840x2160p(30Hz), 3840x2160p(60Hz, 8bits)
Audio specifications	PCMCIA Slot(s)	1(Top)
	Speaker Position	Side Back + Down Firing
Video Specifications	Audio Power Output	10W + 10W
	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
	4K Processor	4K HDR Processor X1
Design Features	HDR (High Dynamic Range) compatibility	Yes(HDR10,HLG,Dolby Vision)
	Panel Refresh Rate (Native Hertz)	100Hz
	Cable Management	Yes
	Frame color	Black
	Stand Design	Metal Edge Stand
Eco & energy saving	VESA® Hole Spacing Compatible	Yes
	VESA® Hole Pitch(W x H)	40.0 x 40.0 cm
	Rated Power Consumption	340.0 W
	Power Consumption (in Standby)	0.50W
	Energy rating	G
Dimensions	Mercury content(mg)	0.0
	Power Saving Mode / Back Light Off Mode	Yes
	Display only (W x H x D)	Approx. 189.9x108.9x7.2 cm
Weights (Approx.)	Display with Stand (W x H x D)	Approx. 189.9x116.2x44.1 cm
	Package Carton (W X H X D)	Approx. 203.6 x 123.2 x 25.8 cm
	Display only	Approx. 45.8 Kg
Optional accessories	Display with Stand	Approx. 47.7 Kg
	Package Carton (Gross)	Approx. 62 kg
Service and Warranty	Wallmount Bracket	SU-WL450(Terminal access limitation, refer to SU-WL450 product page)
	Standard Warranty	3 Years with Repair or if necessary advanced exchange handled by local partner, on premise where possible
	2 years PrimeSupprt extension reference	

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



Bring the  
incredible depth  
and quality  
of 4K HDR  
resolution to  
your business

Ideal for:

**Corporate presentation**

**Digital signage**

**Video conferencing**

**Education**

For full features visit  
[pro.sony/products/professional-displays](https://pro.sony/products/professional-displays)

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(Central European Time), excluding  
local national holidays. Support is  
available in English, French, Italian,  
German & Spanish



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