

## FWD-85Z9J

85" BRAVIA MASTER Series 8K,  
Ultra HD, HDR, Full Array LED  
Professional Display

### Overview

#### **Overwhelming 8K HDR realism, driven by human-like intelligence**

See just how close you can bring viewing audiences to the real world. The FWD-85Z9J 85" BRAVIA MASTER Series Professional Display partners exquisite 8K HDR image quality with intuitive operation and exquisite styling that's a perfect match for any corporate environment.

Optimised for professional display applications, BRAVIA MASTER Series harnesses the full power of cutting-edge Sony picture technologies. Our Backlight Master Drive full-array LED technology is teamed with the ground-breaking Cognitive Processor XR – a uniquely potent combination that ensures vibrant 8K images, bursting with unprecedented levels of detail, rich colour and spectacular contrast.

8K big-screen pictures are matched by the powerfully minimalist design that's sure to impress in any setting. Picture and audio are in perfect harmony with Sony's Acoustic Multi-Audio™ system for a captivating audiovisual performance.

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

### **8K image resolution (7680 × 4320 pixels)**

8K offers 16 times the detail of Full HD, with an extraordinary resolution of over 33 million pixels bringing extra clarity to corporate display, education and digital signage applications.

### **Spectacularly lifelike 8K HDR images**

Powered by our Cognitive Processor XR – featuring XR HDR Remaster, XR Motion and 8K XR Super Resolution – scenes are reproduced with a breathtaking palette of tones, shades and gradations for pictures that are always astonishingly real.

### **Full-array LED backlight**

Our full-array LED backlight technology combines an ultra-dense LED structure with a unique local dimming algorithm and advanced optical design. Powered by the cutting-edge Cognitive Processor XR, this delivers incredibly deep black, dazzling lights and more vibrant colour.

### **Wider colour with XR TRILUMINOS Pro™**

Powered by our ground-breaking Cognitive Processor XR, XR TRILUMINOS Pro™ allows BRAVIA to access a wider palette of colours, expressing the subtlest differences as seen in the real world. An enhanced hue and saturation range reveals more natural shades and precise tonal details, even in dark scenes and with hard-to-reproduce pale colours.

### **Experience greater contrast**

XR Contrast Booster means that bright areas stay brighter and dark areas darker – ensuring that critical picture details aren't overwhelmed by deep shadows or lost in blown-out highlights.

### **Everything smooth, bright and clear**

LED XR Motion Clarity™ technology keeps whatever's happening on screen smooth, bright and clear. Each 'blink' of the display is individually controlled and its duration optimised. Screen brightness is also boosted momentarily when needed so you don't miss a thing.

## **Vibrant colour from any angle**

X-Wide Angle™ technology ensures that faithful shades of vibrant colour can be enjoyed accurately from any viewing angle – giving everyone in the room a clear picture of presentations, signage and more.

## **Pictures and sound in perfect harmony**

Acoustic Multi-Audio™ includes four powerful front facing speakers, reproducing truer, more authentic sound that perfectly complements the beautiful images on screen.

## **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.

## **Google Chromecast and Apple Airplay**

With Google Chromecast and Apple Airplay built-in, it's easy to mirror content and enjoy it super-sized on BRAVIA.

## **Flexible mounting and installation**

BRAVIA Professional Displays offer flexible installation options, with VESA standard mounting for easy integration into a wide range of environments.

## **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.

## Specifications

### Display features

Backlight dimming

Local Dimming

type

Display type	LCD
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## Display specifications

Screen Size for WEB(diagonal, cm, integer or 1st decimal)	215 cm
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Backlight type	Direct(Full Array LED)
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Display resolution (H x V, pixels)	7680 x 4320
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Screen Size (inch, measured diagonally)	85"(84.6")
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Viewing Angle (Right/Left)	178(89/89) degree
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Viewing Angle (Up/Down)	178(89/89) degree
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Display Resolution	8K UHD
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Aspect Ratio	16:09
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## Professional features

HDMI Auto Wake Up	No
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Compatible with TDM  
Digital Signage/ TEOS  
Solutions

No

Operating System

Android 10

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 codecs	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD), HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/LPC
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, SWA,TAM,TEL,THA,TGL,TUR,UKR,URD,UZB,VI,zh_CN,zh

## Control specs

IP Control	Yes (Authentication required)
Pro Mode	No

## Inputs & outputs

HDMI Signal	7680x4320p(24,25,30,50,60Hz) *1 , 4096x2160p(24,50,60Hz), 3840x2160p(24,25,30,50,60,100,120Hz) *2, 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)
AC Power Input	C18 INLET(REAR)
RF (Terrestrial/Cable) Connection Input(s)	1(Bottom)
IF (Satellite) Input(s)	2(Bottom)
Composite Video Input(s)	Hybrid w/S-Center Speaker Input x1(Side, Mini jack)
HDMI inputs total	4(1Side,3Bottom)
Digital Audio	

Output(s)	1 (Bottom)
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Audio Output(s)	No
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Headphone Output(s)	1(side)
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Ethernet inputs	1(Bottom)
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PCMCIA Slot(s)	1(Side)
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## Audio specifications

Speaker Position	Front + Side + TOP
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Audio Power Output	12.5W + 12.5W + 20W + 20W + 5W + 5W + 5W + 5W
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Digital audio out (Optical) format	Two channel linear PCM: 48kHz 16bits, Dolby Audio, DTS
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HDMI Audio Return Channel(ARC)	Yes (eARC/ARC)
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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
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ARC output format	Two channel linear PCM: 48kHz 16bits, Dolby Audio, Dolby Atmos,
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DTS

## Video specifications

Wide Mode	Wide zoom/Normal/Full/Zoom/14:9 Normal/Full1/Full2 for PC
4:3 Default	Yes
Video Processing	XR 8K Upscaling
Motion enhancer	XR Motion Clarity, Auto mode
4K Processor	Cognitive Processor XR
HDR (High Dynamic Range) compatibility	Yes(HDR10,HLG,Dolby Vision)
Panel Refresh Rate (Native Hertz)	100Hz
Dynamic Contrast Enhancer	Yes

## Design features

Stand Position	3way position(Standard position/Narrow position/Soundbar position)
Stand Color	Titanium Black

Bezel Design	Metal Flush Surface
Cable Management	Yes
Frame color	Titanium Silver
Stand Design	Aluminum Edge Stand
VESA® Hole Spacing Compatible	Yes
VESA® Hole Pitch(W x H)	40.0 x 40.0 cm
<h3>Eco &amp; energy saving</h3>	
On mode power 1000h SDR(New lot5)	370 kWh/1000h
Mercury content(mg)	0.0
Power Requirements (frequency)	50Hz
Rated Power Consumption	666 W
Power Consumption (in Standby)	0.50 W
Power Requirements (voltage)	220 V - 240 V AC

Power Saving Mode / Back Light Off Mode	Yes
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## Dimensions

Display Only (W x H x D)	Approx. 190.7 x 111.2 x 8.1 cm
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Display with Stand (W x H x D)	Approx. 193.7 x 112.3 x 48.4 cm
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Package Carton (W x H x D)	Approx. 202.3 x 124.4 x 24.3 cm
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## Weights (Approx.)

Display Only	Approx. 61.7 kg
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Display with Stand	Approx. 63.4 kg
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Package Carton(Gross)	Approx. 63.4 kg
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## Supplied accessories

Voice Remote Control	RMF-TX621E
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Batteries	LR03
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AC Power Cord Spec	Bundle (C17) (EUROPE) (2pin) (round pins Type B) + Bundle (SWISS) (2pin) (round pins Type C)
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Operating Instructions	GB,FR,ES,NL,DE,PT,IT,SE,DK,FI,NO,PL,CZ,SK,HU,RO,BG
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Quick Setup Guide / Supplement CUE (GA)	GB,FR,ES,NL,DE,PT,IT,DK,NO,SE,FI,PL,CZ,SK,HU,RO,BG
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Table Top Stand	Separate(assembly required)
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## Optional accessories

Wallmount Bracket	SU-WL450(Usage limitation)
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## PrimeSupport

Included PrimeSupport	3 Years warranty with Repair or if necessary advanced exchange handled by local partner, on premise where possible.
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Optional PrimeSupport Extensions	Optional 2-year support extension available: PSP.FWD85Z9J.2X
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## Notes

\*1 Only HDMI IN 4 supported

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\*2 100Hz and 120Hz is supported by  
HDMI IN 2, IN 3 and IN 4

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