

## FWD-85Z9K

85" Bravia 8K HDR Professional Displays



### Overview

Give customers, partners, and visitors an unparalleled viewing experience on an impressive scale. The FWD-85Z9K 85" BRAVIA MASTER Series Professional Display partners exquisite 8K HDR images with easy operation, and a premium design.

Optimised for professional display applications, the BRAVIA MASTER Series harnesses the full power of cutting-edge Sony picture technologies. It delivers exceptional contrast from an 8K Mini LED screen that's expertly controlled by our unique XR Backlight Master Drive technology to ensure vibrant high-contrast 8K HDR images, bursting with fine detail, rich colour, and spectacular contrast.

8K big-screen pictures are matched by the powerfully minimalist design of the FWD-85Z9K 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 audio-visual performance.

For even greater peace of mind there's the added reassurance of our 3 Years warranty with 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 Clarity™, 8K XR Super Resolution among others, scenes are reproduced with thousands of tones, shades, and gradations, making them look incredibly real.

### **8K Mini LED**

The XR Backlight Master Drive utilises a unique local dimming algorithm to divide the tiny and high-dense Mini LED backlight into small LED units. Powered by our Cognitive Processor XR™, it precisely and independently controls each unit, focusing light for maximum brightness for scenes full of incredibly deep blacks, dazzling lights and natural mid tones.

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

Powered by our Cognitive Processor XR™, XR TRILUMINOS Pro™ enables Z9K to access over a billion colours and reproduce each one with the subtle differences seen in the real world, allowing natural shades and precise details to be seen, even in dark scenes.

### **Experience greater contrast**

Feel breath-taking contrast, with XR Contrast Booster, bright areas are brighter and dark areas darker - no more details overwhelmed by shadow or lost in blown-out highlights.

### **Every moment smooth and clear**

Our latest LED XR Motion Clarity™ technology keeps everything smooth, bright, and clear. Each 'blink' is individually controlled, and its duration optimised, while brightness is boosted 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.

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

The innovative Acoustic Multi-Audio™ system includes four front facing speakers for truer, more authentic sound.

## **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.

## **Do more with BRAVIA Cam**

Take your meetings to the big screen with BRAVIA Cam. Also, by detecting your viewing position, BRAVIA Cam adjusts the screen brightness, and sound balance so you have the best experience wherever you are.

## **Google Chromecast and Apple Airplay**

With Google Chromecast built-in, and Apple Airplay, easily mirror your content and enjoy it super-sized on your BRAVIA.

## **Flexible Mounting and Installation**

BRAVIA Professional Displays offer flexible mounting 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 advanced exchange handled by local partner, on premise where possible. You can also choose to extend your support for an additional 2 years.

Backlight dimming type	Local Dimming
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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 Mini 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

Operating System	Android 10
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On-board Storage (GB)	16GB
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## Display system

TV System (Digital Terrestrial)	DVB-T/T2
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TV System (Digital Cable)	DVB-C
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TV System (Digital Sat)	DVB-S/S2
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Number of Tuners (Terrestrial/Cable)	2(Digital)/1(Analog)
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Number of Tuners (Sat)	2
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## Network features

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

USB

playback codecs	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD)
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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 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)
USB ports	1(Side)/1(Bottom)

Ethernet inputs 1(Bottom)

PCMCIA Slot(s) 1(side)

## Audio Specifications

Speaker Position Front + Side + TOP

Audio Power Output 12.5W + 12.5W + 20W + 20W + 5W + 5W + 5W + 5W

Digital audio out (Optical) format Two channel linear PCM: 48kHz 16bits, Dolby Audio, DTS

HDMI Audio Return Channel(ARC) Yes (eARC/ARC)

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 Atmos, 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 Silver

Bezel Design	Seamless Edge
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

## Eco & energy saving

On mode power 1000h SDR(New lot5)	168 kWh/1000h
Mercury content(mg)	0.0
Power Requirements (voltage)	220 V - 240 V AC
Power Requirements (frequency)	50Hz
Rated Power Consumption	696 W
Power Consumption (in Standby)	0.50 W

Power consumption(Networked Standby)	2.00W(Wi-Fi) / 2.00W(LAN) / 0.50W(CEC)
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Power Saving Mode / Back Light Off Mode	Yes
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## Dimensions

Display only (W x H x D)	Approx. 189.6 x 109.6 x 7.4 cm
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Display with Stand (Standard position) (W x H x D)	Approx. 189.6 x 112.3 x 46.0 cm
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Display with Stand (Narrow position) (W x H x D)	Approx. 189.6 x 114.2 x 46.0 cm
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Display with Stand (Soundbar position) (W x H x D)	Approx. 189.6 x 119.7 x 46.0 cm
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Dimension of Package Carton (W x H x D)	Approx. 200.4 x 122.3 x 24.6 cm
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## Weights (Approx.)

Display only	Approx. 58.4 kg
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Supplement  
CUE (GA)

Table Top Stand      Separate(assembly required)

Camera Unit (Bundle)      CMU-BC1M

## Optional Accessories

Wallmount Bracket      SU-WL450(Terminal access limitation, refer to SU-WL450 product page)

## PrimeSupport

Included PrimeSupport      3 Years warranty with advanced exchange handled by local partner, on premise where possible.

## Notes

\*1      Only HDMI IN 4 supported

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



## Gallery



