

## FWD-85Z9G/T

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



### Overview

#### **Unleash the extraordinary visual power of 8K HDR images**

Give customers, partners and visitors an unparalleled viewing experience on an impressive scale. The FWD-85Z9G/T 85" BRAVIA MASTER Series Professional Display partners exquisite 8K HDR images with easy operation, flexible networking/control and extensive integration options.

Optimised for professional display applications, the BRAVIA MASTER Series harnesses the full power of cutting-edge Sony picture technologies. Backlight Master Drive full-array LED technology and our X1™ Ultimate picture processor are teamed with 8K X-Reality™ PRO 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-85Z9G/T that's sure to impress in any setting. Picture and audio are in perfect harmony with Sony's Acoustic Multi-Audio™ system and Sound-from-Picture Reality™ for a captivating audio-visual performance.

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.

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.

For even greater peace of mind there's the added reassurance of our 3 Year Advanced Exchange PrimeSupport service. If there's a problem with your display, we'll offer a free, brand new replacement product rather than repair included as standard. You can also choose to extend your service by 2 additional 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.

### **Recapture hidden detail in 8K**

Unique to Sony, 8K X-Reality™ PRO upscales images closer to true 8K quality using our exclusive database. Pictures are sharpened and refined in real time to reveal hard-to-see details.

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

Our most powerful ever Picture Processor X1™ Ultimate features Object-based Super Resolution, Object-based HDR remaster and Super Bit Mapping™ 8K HDR for exceptionally detailed, realistic pictures with rich colour and ultra-low noise.

### **Backlight Master Drive**

This full-array LED backlight technology combines an ultra-dense LED structure with a unique local dimming algorithm and advanced optical design. Powered by the Picture Processor X1™ Ultimate, it delivers incredibly deep black, dazzling lights and

more vibrant colour.

### **Experience greater contrast**

Offering up to twenty times the contrast of conventional LED TVs, 8K X-tended Dynamic Range™ PRO unlocks details in shadow and highlights, ensuring dark scenes are darker and bright scenes brighter.

### **More colour with TRILUMINOS Display**

TRILUMINOS Display maps colours from a wider palette, faithfully reproducing a world of richer, more lifelike hues and tones.

### **Vibrant colour from any angle**

X-Wide Angle technology ensures that faithful shades of vibrant colour can be enjoyed accurately from any viewing angle.

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

X-Motion Clarity™ technology keeps fast on-screen action smooth and clear. Moving images are precisely controlled to minimise blur. Even during high speed scenes, pictures stay true with no loss in brightness.

### **Optimised for professional use**

The FWD-85Z9G/T meets the needs of today's business and educational environments, with flexible installation options plus wired or wireless network connection and serial communication control.

### **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

### **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, video and live web content to create attractive signage in minutes.

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

The innovative Acoustic Multi-Audio™ system includes four front facing speakers for truer, more authentic sound. Sound-from-Picture Reality™ aligns on-screen action and audio for a more immersive experience.

### **Centre Speaker Mode**

Use BRAVIA as a centre speaker, delivering exceptional audio clarity in conjunction with additional speaker systems.

### **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.

### **Quick set-up with Pro Mode**

Customise and store display settings and features, then copy them easily to multiple displays via USB flash memory.

### **Greater peace of mind**

There's extra reassurance with our 3 Year Advanced Exchange PrimeSupport service that's included as standard. If there's a fault with your BRAVIA Professional Display, we'll provide a replacement unit at no extra charge to keep you up and running.

## Specifications

### TV 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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## Display features

Dimming type	Local Dimming
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Display device	LCD
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Backlight type	Direct LED (Backlight Master Drive)
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## Video specs

Wide Mode	Wide zoom / Normal / Full / Zoom / 14:9
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4:3 Default	Yes
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Video Processing	8K X-Reality PRO
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Motionflow	X-Motion Clarity, Auto mode
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Compatible with HDR	Yes (HDR10, HLG, Dolby Vision)
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4096 x 2160p (24, 50, 60Hz), 3840 x

Video Signal	2160p (24, 25, 30, 50, 60Hz), 1080p (30, 50, 60, 100, 120Hz), 1080/24p, 1080i (50, 60Hz), 720p (30, 50, 60Hz), 720/24p, 576p, 480p
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## Audio specs

Speaker position	Front
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Audio Power Output	10W + 10W + 10W + 10W + 10W + 10W + 10W + 10W
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## Network specs

Wi-Fi direct	Yes
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Wi-Fi Certified	Yes
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DLNA	Home Network Client, Home Network Renderer
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Miracast (screen mirroring)	Yes
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Firmware update	Yes
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Internet Browser	Vewd
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Wireless LAN	Integrated
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## Convenience features

USB Play (contents)	MPEG1:MPEG1 / MPEG2PS:MPEG2 / MPEG2TS (HDV, AVCHD):MPEG2, AVC / MP4 (XAVCS):AVC, MPEG4, HEVC / AVI:Xvid, MotionJpeg / ASF (WMV):VC1 / MOV:AVC, MPEG4, MotionJpeg / MKV:Xvid, AVC, MPEG4, VP8, HEVC / WEBM:VP8 / 3GPP:MPEG4, AVC / MP3 / ASF (WMA) / WAV / MP4AAC / FLAC / JPEG
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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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Google Cast	Yes
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## Professional Features

Professional Hidden Mode	Yes
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HDMI auto wake-up	Yes
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HTML platform	Yes
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Multicast / IPTV	Yes
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Compatible with TEOS  
Workplace  
Management Solution

Yes

Available storage 16 GB

Compatible TEOS  
Content Customised design, text, pictures,  
videos, YouTube, traffic, weather,  
public information, Facebook,  
Twitter, PowerPoint and more

## Inputs and outputs

HDCP HDCP2.3 (for HDMI 1 / 2 / 3 / 4)

RF Connection  
Input(s) 1 (Bottom)

Composite Video  
Input(s) 1 (Side)

HDMI™ Connection(s)  
(Total) 4 (1 Side, 3 Bottom)

Digital Audio Output(s) 1 (Bottom)

USB 2 (Side) / 1 (Bottom)

Ethernet  
Connection(s) 1 (Bottom)



## Design features

Finish (Surface Color)	Black
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Table Top Stand	Separate (assembly required)
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VESA® Hole Spacing Compatible	Yes
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## Eco and energy saving

Energy Label Rating	D
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Screen size (measured diagonally)	85" (84.6")
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Power Consumption	Standard: 636W
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Power Consumption (in Standby)	0.50W
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Power Consumption (networked standby mode)	2.00W (Wi-Fi) / 2.00W (LAN) / 0.50W (CEC)
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Lead content	Yes
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Mercury content (mg)	0.0
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Power Requirements	AC 220-240V
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Power Saving Mode / Back Light Off Mode	Yes
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Dynamic Backlight Control	Yes
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Light Sensor	Yes
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AC Power Input	1 (BOTTOM)
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## Display specifications

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	16:9
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OS	Android 8.0 Oreo
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## Signage specs

Easy HTML5 Signage embedded	Yes
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Multicast / IPTV	Yes
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## Control specs

Hotel Mode Pro	Yes
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IP Control	Yes
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HDMI auto wake-up	Yes
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## PrimeSupport

Included PrimeSupport	3 years of Standard helpdesk (Mon-Fri 9:00-18:00 CET) and Advanced Replacement service in case of product fault with all logistics covered.
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Optional PrimeSupport Extensions	Optional 2-year support extension available: PSP.FW9G-85.2X
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## Gallery



