

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
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

Display features

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

Video specs

Wide Mode	Wide zoom / Normal / Full / Zoom / 14:9
4:3 Default	Yes
Video Processing	8K X-Reality PRO
Motionflow	X-Motion Clarity, Auto mode

Compatible with HDR	Yes (HDR10, HLG, Dolby Vision)
Video Signal	4096 x 2160p (24, 50, 60Hz), 3840 x 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

Audio specs

Speaker position	Front
Audio Power Output	10W + 10W + 10W + 10W + 10W + 10W + 10W + 10W

Network specs

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

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
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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
Table Top Stand	Separate (assembly required)

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
Light Sensor	Yes
AC Power Input	1 (BOTTOM)

Display specifications

Viewing angle (Right / Left)	178 (89 / 89) degree
Viewing angle (Up / Down)	178 (89 / 89) degree
Display resolution	8K UHD
Aspect ratio	16:9
OS	Android 8.0 Oreo

Signage specs

Easy HTML5 Signage embedded	Yes
Multicast / IPTV	Yes

Control specs

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

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.
Optional PrimeSupport Extensions	Optional 2-year support extension available: PSP.FW9G-85.2X

Gallery



