

## FWD-98Z9G

98" (diag) 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 98" (diag.) BRAVIA MASTER Series Professional Display partners exquisite 8K HDR images with easy operation, flexible networking/control and extensive integration options.

Optimized 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 color and spectacular contrast.

8K big-screen pictures are matched by the powerfully minimalist design of the FWD-98Z9G 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.

It's easy to create attractive digital signage, mixing

media files and online content with no need for additional player hardware. There's also a wide range of API (Application Programming Interface) options to enable remote control/monitoring and integration with external systems.

Android TV makes your professional display experience even smarter, allowing you to search apps and content with easy hands-free voice searches.

Integration in corporate environments is simplified by Pro mode, which allows easy customization of display settings to suit different applications.

## 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 color 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 color.

#### **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 color with TRILUMINOS Display**

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

#### **Vibrant color from any angle**

X-Wide Angle technology ensures that faithful shades of vibrant color 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 minimize blur. Even during high speed scenes, pictures stay true with no loss in brightness.

#### **Optimized for professional use**

The FWD-98Z9G meets the needs of today's business and educational environments, with flexible installation options plus wired or wireless network connection and serial communication control.

#### **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.

### Center Speaker Mode

Use BRAVIA as a center 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

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

## Specifications

### TV System

Tuner	ATSC
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Tuner (Cable)	Clear QAM
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Number of tuners	1 (Digital / Analog)
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### Display features

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

## Video specs

Wide Mode	Wide zoom/Normal/Full/Zoom
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	7680 x 4320p (24, 30 Hz), 4096 x 2160p (24, 60 Hz), 3840 x 2160p (24, 30, 60, 120 Hz), 1080p (30, 60, 120 Hz), 1080/24p, 1080i (60Hz), 720p (30,60Hz), 720/24p, 480p

## Audio specs

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

## Network specs

Wi-Fi direct	Yes
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Wi-Fi Certified	Yes
DLNA	Home Network Client, Home Network Renderer
Miracast (screen mirroring)	Yes (only for B2B purpose)
Firmware update	Yes
Internet Browser	Vewd (not pre-installed)
Wireless LAN	Integrated

## Convenience features

USB Play (contents)	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS (HDV,AVCHD):MPEG2, AVC/MP4 (XAVC S):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
On screen clock	Yes
Sleep timer	Yes
On/Off timer	Yes
Google Cast	Yes

## 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	Assembled
VESA® Hole Spacing Compatible	Yes
VESA® Hole Pitch	600 x 400 mm/23 5/8 x 15 3/4 inch

## Eco and energy saving

Screen size (measured diagonally)	98" (97.5")
Power Consumption (Rated/standard)	1102 W
Annual Power Consumption	1353 kWh/Year
Power Consumption (in Standby)	0.50 W
Power Requirements	AC 120V for UL cUL AC 110-240V for other
Power Saving Mode / Back Light Off Mode	Yes
Dynamic Backlight Control	Yes
Light Sensor	Yes
AC Power Input	1 (BOTTOM)

## Measurements

Display Only (W x H x D) (Approx.)	2202 x 1311 x 111 mm/86 3/4 x 51 5/8 x 4 3/8 inch
Display with Stand (W x H x D) (Approx.)	2202 (2240) x 1395 (1725) x 486 (694) mm/86 3/4 (88 1/4) x 55 (68) x 19 1/4 (27 3/8) inch



Package Carton (W x H x D) (Approx.)	2450 x 1657 x 760 mm/96.50 x 65.25 x 30 in
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## Weight

Display Only	207 lb
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Display with Stand	266 lb
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Package Carton	394 lb
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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

RS-232C Control	1 (Side)
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Hotel Mode Pro	Yes
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IP Control	Yes
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HDMI auto wake-up	Yes
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## Related products



### **NUCLeUS**

The smart digital imaging platform for medical environments

## Gallery



