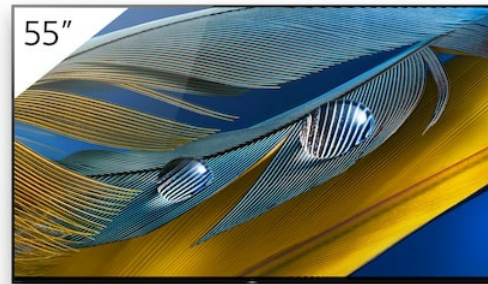


FWD-55A80J

55" BRAVIA MASTER Series 4K
Ultra HD, HDR, OLED
Professional Display



Overview

World's first professional display with cognitive intelligence: extraordinary 4K HDR images, effortless style and sound to match

Add unprecedented impact to your visual communications with the stunningly styled FWD-55A80J 55" BRAVIA OLED Professional Display. Combining bright, beautiful 4K HDR image quality with dependable operation, it's an imposing addition to corporate boardrooms, lobbies and reception areas.

Optimised for professional applications, BRAVIA MASTER Series takes full advantage of Sony's cutting-edge display and processing technologies for startlingly lifelike 4K Ultra HDR images and sound to match.

Our ground-breaking Cognitive Processor XR understands how humans see and hear. Taking vision and sound to the next level, this revolutionary processor uses human perspective analysis to cross-analyse and optimise hundreds of thousands of picture elements, delivering an immersive audiovisual experience that pulls viewers deeper into every scene. Combined with our unique OLED panel, the result is uniquely deep, natural HDR images with rich, vibrant colour and ultimate pure blacks – and complemented by cinematic sound that comes directly from the 55" screen.

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

4K image resolution (3840 x 2160 pixels)

4K offers four times the detail of Full HD, with a resolution of over 8 million pixels bringing extra clarity to corporate display, education and digital signage applications.

High contrast OLED screen technology

Each self-illuminating pixel is precisely controlled, ensuring breathtaking OLED pictures that feel wonderfully deep and natural. XR OLED Contrast boosts colour and contrast for wonderfully pure, true blacks plus areas of spectacular high peak brightness.

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.

Spectacularly real 4K HDR images

XR HDR Remaster detects and analyses individual on-screen objects, adjusting their colour and contrast for even more realism. Object-based processing powered by BRAVIA XR™ fine-tunes hue, saturation, brightness, motion vector, image bandwidth and more. The result: exceptionally real scenes with greater depth, lifelike textures and natural colours.

Smoother movement

OLED XR Motion Clarity™ ensures that even the fastest on-screen action stays smooth and clear. Moving images are precisely controlled to minimise blur, with less reduction in brightness during high-speed scenes.

Sound that matches the action

With our Acoustic Surface Audio+ technology, powerful actuators directly behind the OLED panel create high-fidelity, accurately balanced sound that precisely tracks the action 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

Display type	OLED
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Display specifications

Screen Size for
WEB(diagonal, cm, integer or 1st decimal) 139 cm

Display resolution (H x V, pixels) 3840 x 2160

Screen Size (inch, measured diagonally) 55"(54.6")

Viewing Angle (Right/Left) 178(89/89) degree

Viewing Angle (Up/Down) 178(89/89) degree

Display Resolution QFHD

Aspect Ratio 16:09

Professional features

HDMI Auto Wake Up No

Compatible with TDM Digital Signage/ TEOS Solutions No

Operating System Android 10

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) HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/LPC
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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, SWA,TAM,TEL,THA,TGL,TUR,UKR,URD,UZB,VIE,zh_CN,zh
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Control specs

IP Control	Yes (Authentication required)
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Pro Mode	No
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Inputs & outputs

HDMI Signal	4096x2160p(24,50,60Hz), 3840x2160p(24,25,30,50,60,100,120Hz) *1 , 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(BOTTOM)
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)
Audio Output(s)	No
Headphone Output(s)	1(side)
Ethernet inputs	1(Bottom)

PCMCIA Slot(s) 1(Side)

Audio specifications

Speaker Position Front

Audio Power Output 10W + 10W + 10W

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 4K 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
Frame color	Titanium Black
Stand Design	Aluminum Layer stand
VESA® Hole Spacing Compatible	Yes

VESA® Hole Pitch(W x H) 30.0 x 30.0 cm

Eco & energy saving

On mode power 1000h SDR(New lot5) 106kWh/1000h

Mercury content(mg) 0.0

Power Requirements (frequency) 50Hz

Rated Power Consumption 358 W

Power Consumption (in Standby) 0.50 W

Power Requirements (voltage) 220 V - 240 V AC

Power consumption(Networked Standby) 2.00W(Wi-Fi) / 2.00W(LAN) / 0.50W(CEC)

Power Saving Mode / Back Light Off Mode Yes

Dimensions

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(Terminal access limitation, refer to SU-WL450 product page), SU-WL850(Refer to Country/Area Handling Chart)
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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.FWD55A80J.2X
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Notes

Hands Free feature(Built-in Mic)

*1

availability depends on language
and may need software update.
Please check Sony support page
for further information;
<https://www.sony.net/tv-hf-ww/>

Gallery



