SONY
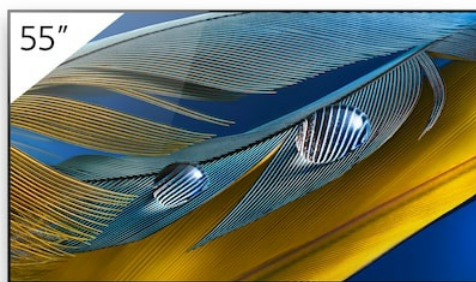
FWD-55A80J

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

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

Display 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

Network features

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

Convenience features

USB playback codecs	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD) HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/LPC
HDMI-CEC	Yes
i-Manual	Yes
On Screen Clock	Yes
Sleep Timer	Yes
On/Off Timer	Yes
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

Control specs

IP Control	Yes (Authentication required)
Pro Mode	No

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) compatiblity	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

Display Only (W x H x D)	Approx. 122.7 x 71.2 x 5.3 (0.59) cm
Display with Stand (W x H x D)	Approx. 122.7 x 73.5 x 33.0 cm
Package Carton (W x H x D)	Approx. 135.2 x 82.8 x 18.4 cm

Weights (Approx.)

Display Only	Approx. 17.8 kg
Display with Stand	Approx. 19 kg
Package Carton(Gross)	Approx. 25 kg

Supplied accessories

Voice Remote Control	RMF-TX520E
Batteries	LR03
AC Power Cord Spec	Bundle (C17) (EUROPE) (2pin) (round pins Type B) + Bu (SWISS) (2pin) (round pins Type C)
Operating Instructions	GB,FR,ES,NL,DE,PT,IT,SE,DK,FI,NO,PL,CZ,SK,HU,RO,BG

Quick Setup Guide / Supplement CUE (GA)	GB,FR,ES,NL,DE,PT,IT,DK,NO,SE,FI,PL,CZ,SK,HU,RO,BG
Table Top Stand	Separate(assembly required)

Optional accessories

Wallmount Bracket	SU-WL450(Terminal access limitation, refer to SU-WL450 product page), SU-WL850(Refer to Country/Area Handling Chart)

PrimeSupport

Included PrimeSupport	3 Years warranty with Repair or if necessary advanced exchange handled by local partner, on premise where possible.
Optional PrimeSupport Extensions	Optional 2-year support extension available: PSP.FWD55A80J.2X

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