SONY

FWD-55X80J

55" BRAVIA 4K Ultra HD, HDR, LED Professional Display

Overview

Vibrant, true-to-life pictures and sound plus smart connectivity

Add extra impact to your business communications with the FWD-55X80J BRAVIA Professional Display that combines lifelike 4K HDR picture quality with smart connectivity, elegant styling and easy operation.

Optimised for professional applications, BRAVIA delivers richly coloured, high-contrast 4K HDR images, with 4K X-Reality PRO upscaling lower-resolution images closer to true 4K quality.

The display's clean, minimal design keeps your audience focused on what really matters, while Dolby Atmos delivers pure, immersive sound.

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.

More contrast, colour and clarity
Our 4K HDR Processor X1™ cleans and refines picture signals, using advanced algorithms to cut noise and boost detail. Even lower-resolution images are upscaled closer to 4K with lifelike colour and textures for more impactful signage and presentations.

See finer detail
4K X-Reality PRO upscales pictures closer to true 4K quality. Images are sharpened and refined in real time, revealing extra detail from lower-resolution picture sources.

Wider colour with TRILUMINOS Display
Powered by our X1 processor, TRILUMINOS Display maps colours from a wider palette, faithfully reproducing a world of more vivid, lifelike hues and tones. Sony's unique TRILUMINOS algorithms detect colour from saturation, hue and brightness to ensure accurate reproduction of subtle natural shades. The result: a wider gamut of rich colours, bringing you even closer to what you'd see in the real world.

Smoother movement
Motionflow™ XR inserts additional picture frames between the originals, ensuring smoother, sharper detail in fast-moving sequences.

Refined style to match any space
BRAVIA features a slim, contemporary blade design with a narrow screen bezel that adds an extra touch of refinement to any business environment.

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.

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	
Brightness (cd/m²)	440
Contrast Ratio	1200:1
Dynamic contrast ratio	300000:1
Response time (ms)	10
Panel type	IPS
Backlight dimming type	Frame Dimming
Display type	LCD

Display specifications

Screen Size for WEB(diagonal, cm, integer or 1st decimal)	139 cm
Backlight type	Direct LED
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)	1(Digital/Analog)
Number of Tuners (Sat)	1

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 HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(W
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,(SWA,TAM,TEL,THA,TGL,TUR,UKR,URD,UZB,VIE,z

Control specs

IP Control	Yes (Authentication required)
Pro Mode	No

Inputs & outputs

HDMI Signal	4096x2160p(24,50,60Hz), 3840x2160p(24,25,30,50,60Hz), 1080p(30,50,60Hz), 1080/24p, 1080i(50,60Hz), 720p(30,50,60Hz), 720/24p, 576p, 480p
HDCP	HDCP2.3(for HDMI1/2/3/4)

AC Power Input	C8 INLET(REAR)
RF (Terrestrial/Cable) Connection Input(s)	1(Side)
IF (Satellite) Input(s)	1(Side)
Composite Video Input(s)	1(Side, Mini jack)
HDMI inputs total	4(4Side)
Digital Audio Output(s)	1(Side)
Audio Output(s)	No
Headphone Output(s)	1(Side)
Ethernet inputs	1(Side)
PCMCIA Slot(s)	1(Top)

Audio specifications

Speaker Position	Down Firing
Audio Power Output	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	4K X-Reality PRO
Motion enhancer	Motionflow XR 200/240Hz (Native 50/60Hz), Auto mode
4K Processor	4K HDR Processor X1
HDR (High Dynamic Range) compatiblity	Yes(HDR10,HLG,Dolby Vision)
Panel Refresh Rate (Native Hertz)	50Hz
Dynamic Contrast Enhancer	Yes

Design features

Stand Position	2way position (Standard position/Narrow position)
Stand Color	Black
Bezel Design	Narrow Bezel
Cable Management	Yes
Frame color	Black
Stand Design	Slim Blade 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)	97 kWh/1000h
Mercury content(mg)	0.0
Power Requirements (frequency)	50Hz
Rated Power Consumption	207 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) / 1.0W(Bluetooth)
Power Saving Mode / Back Light Off Mode	Yes

Dimensions

Display Only (W x H x D)	Approx. 124.3 x 71.9 x 7.1 cm
Display with Stand (W x H x D)	Approx. 124.3 x 78.7 x 33.8 cm
Package Carton (W x H x D)	Approx. 136.2 x 84.0 x 16.0 cm

Weights (Approx.)

Display Only	Approx. 15.7 kg
Display with Stand	Approx. 16.6 kg
Package Carton(Gross)	Approx. 23 kg

Supplied accessories

Voice Remote Control	RMF-TX520E
Batteries	LR03

AC Power Cord Spec	Bundle (C7L) (EUROPE) (2pin) (round pins Typ
Operating Instructions	GB,FR,ES,NL,DE,PT,IT,SE,DK,FI,NO,PL,CZ,SK,H
Quick Setup Guide / Supplement CUE (GA)	GB,FR,ES,NL,DE,PT,IT,DK,NO,SE,FI,PL,CZ,SK,H
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.FWD55X80J.2X

Gallery