

FWD-50X80K

50" Bravia 4K HDR
Professional Displays



Overview

High quality 4K HDR images and smart connectivity

Take your business communications to the next level with the FWD-50X80K BRAVIA Professional Display that combines lifelike 4K HDR image quality and TRILUMINOS PRO™ with easy operation, flexible networking/control and extensive integration options.

Optimised for professional applications, the FWD-50X80K BRAVIA Professional Display delivers richly coloured, high-contrast 4K HDR images, while 4K X-Reality PRO upscales 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 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 a more impactful signage.

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

Our wide colour gamut and unique TRILUMINOS PRO™ algorithm can detect colour from saturation, hue, and brightness to reproduce natural shades in every detail. You'll enjoy colours that are closer to those seen in the real world. Powered by our X1 processor, TRILUMINOS Display maps colours from a wider palette, faithfully reproducing a world of more vivid, lifelike hues and tones.

Smoother movement

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

Refined style to match your space

BRAVIA features a slim, contemporary blade design, with a narrow screen bezel that adds an extra touch of

refinement to any interior.

Do more with Android TV

Discover a world of apps and online content powered by Android. Use Voice Search to find content easily without typing.

Google Chromecast built-in and Apple Airplay

With Google Chromecast built-in, and Apple Airplay, easily mirror your content and enjoy it on your BRAVIA.

Greater peace of mind

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Specifications

Display features

Brightness (cd/m ²)	450
Native constrast ratio	5,000:1
Dynamic constrast ratio	400,000:1
Response time	10
Panel type	VA
Backlight dimming type	Frame Dimming
Display type	LCD

Display specifications

Screen Size for WEB(diagonal, cm, integer or 1st decimal)	126 cm
Backlight type	Direct LED
Display resolution (H x V, pixels)	3840 x 2160
Screen Size (inch, measured diagonally)	50"(49.5")
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

Operating System	Android 10
On-board Storage (GB)	16GB

Display system

TV System (Digital Terrestrial)	DVB-T/T2
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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	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV codecs)
HDMI-CEC	Yes
i-Manual	Yes
On Screen	Yes

Clock

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,...
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Control specs

IP Control	Yes
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Pro Mode	No
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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
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HDCP	HDCP2.3(for HDMI1/2/3/4)
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AC Power Input	C8 INLET(REAR)
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RF (Terrestrial/Cable) Connection Input(s)	1(Side)
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IF (Satellite) Input(s)	1(Side)
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Composite Video Input(s)	1(Side, Mini jack)
HDMI inputs total	4(4Side)
Digital Audio Output(s)	1(Side)
USB ports	2(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/Fu 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) compatibility	Yes(HDR10,HLG,Dolby Vision)
Panel Refresh Rate (Native Hertz)	50Hz
Dynamic Contrast Enhancer	Yes

Design Features

Stand Color	Black dot
Bezel Design	Flush Surface
Cable Management	Yes

Frame color	Black
Stand Design	Slim Blade stand
VESA® Hole Spacing Compatible	Yes
VESA® Hole Pitch(W x H)	20.0 x 20.0 cm

Eco & energy saving

On mode power 1000h SDR(New lot5)	73 kWh/1000h
Mercury content(mg)	0.0
Power Requirements (voltage)	220 V - 240 V AC
Power Requirements (frequency)	50Hz
Rated Power Consumption	151 W
Power Consumption (in Standby)	0.50 W
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. 111.9 x 64.9 x 7.0 cm
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Display with Stand (Standard position) (W x H x D)	Approx. 111.9 x 71.6 x 28.8 cm
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Dimension of Package Carton (W x H x D)	Approx. 122.5 x 78.2 x 14.1 cm
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Weights (Approx.)

Display only	Approx. 12.4 kg
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Display with Stand (Standard position)	Approx. 13 kg
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Weight of Package Carton(Gross)	Approx. 18 kg
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Supplied Accessories

Voice Remote Control (Supply)	RMF-TX800U
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Remote Control	RMT-TX440E
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Batteries	LR03+R03
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AC Power Cord Spec	Bundle (C7L) (EUROPE) (2pin) (round pins Typ
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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)

PrimeSupport

Included PrimeSupport 3 Years warranty with advanced exchange handled by local partner, on premise where possible.

Gallery



