

## 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

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.

## Specifications

### Display features

Brightness (cd/m <sup>2</sup> )	450
Native contrast ratio	5,000:1
Dynamic contrast 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
---------------------------------	----------

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,AVCHD)
HDMI-	Yes

CEC

i-Manual Yes

On  
Screen Yes  
Clock

Sleep  
Timer Yes

On/Off  
Timer Yes

Display  
Language AFR,AMH,ARA,ASM,AZE,BEL,BUL,BEN,BOS,CAT,CZE,DAN,

## Control specs

IP Control Yes

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)
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/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) compatibility	Yes(HDR10,HLG,Dolby Vision)
--	-----------------------------

Panel



Refresh Rate 50Hz  
(Native Hertz)

Dynamic Contrast Yes  
Enhancer

## 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
Display with Stand (Standard position) (W x H x D)	Approx. 111.9 x 71.6 x 28.8 cm
Dimension of Package Carton (W x H x D)	Approx. 122.5 x 78.2 x 14.1 cm

## Weights (Approx.)

Display only	Approx. 12.4 kg
--------------	-----------------

Display with Stand (Standard position)	Approx. 13 kg
---	---------------

Weight of Package Carton(Gross)	Approx. 18 kg
------------------------------------	---------------

## Supplied Accessories

Voice

Remote Control (Supply)	RMF-TX800U
-------------------------------	------------

Remote Control	RMT-TX440E
-------------------	------------

Batteries	LR03+R03
-----------	----------

AC Power Cord Spec	Bundle (C7L) (EUROPE) (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)
-------------------	--

---

## PrimeSupport

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

---

## Gallery



