

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 ²) | 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

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|---|--------|
| WEB(diagonal, cm, integer or 1st decimal) | 126 cm |
|---|--------|

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|----------------|------------|
| Backlight type | Direct LED |
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|------------------------------------|-------------|
| Display resolution (H x V, pixels) | 3840 x 2160 |
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|---|------------|
| Screen Size (inch, measured diagonally) | 50"(49.5") |
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|----------------------------|------------------|
| Viewing Angle (Right/Left) | 178(89/89)degree |
|----------------------------|------------------|

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|-------------------------|------------------|
| Viewing Angle (Up/Down) | 178(89/89)degree |
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|--------------------|------|
| Display Resolution | QFHD |
|--------------------|------|

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|--------------|-------|
| Aspect Ratio | 16:09 |
|--------------|-------|

Professional features

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

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|---------------------------------|----------|
| 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

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

Convenience features

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|---------------------|--|
| 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

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|--|--------------------------|
| 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

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| 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) |

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|-------------------------|---|
| 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 |
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|-------------------|--|
| ARC output format | Two channel linear PCM: 48kHz 16bits, Dolby Audio, Dolby Atmos, DTS |
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Video specifications

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| Wide Mode | Wide zoom/Normal/Full/Zoom/14:9,Normal/Full1/Full2 for PC |
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| 4:3 Default | Yes |
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| Video Processing | 4K X-Reality PRO |
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| Motion enhancer | Motionflow XR 200/240Hz (Native 50/60Hz), Auto mode |
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| 4K Processor | 4K HDR Processor X1 |
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| HDR (High Dynamic Range) compatibility | Yes(HDR10,HLG,Dolby Vision) |
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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

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|---|---|
| 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

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| 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.)

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|--------------|-----------------|
| 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

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| 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 Type C) |
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| Operating Instructions | GB,FR,ES,NL,DE,PT,IT,SE,DK,FI,NO,PL,CZ,SK,HU,RO,BG |
|---------------------------|--|

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|--|--|
| 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

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| Wallmount Bracket | SU-WL450(Terminal access limitation, refer to SU-WL450 product page) |
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PrimeSupport

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



