

## FWD-48A90K

48" Bravia 4K HDR Professional Displays



### Overview

#### **Make an impressive statement with exquisite 4K HDR images, effortless style and sound to match**

Add unprecedented impact to your visual communications with the stunningly styled, fully featured FWD-48A90K 48" BRAVIA OLED Professional Display. Combining bright, beautiful 4K HDR image quality with easy operation, it's an imposing addition to corporate boardrooms, lobbies, and reception areas.

Optimised for professional display applications, BRAVIA takes full advantage of cutting-edge OLED display technologies and our ingenious Cognitive Processor XR™ to ensure vibrant high-contrast 4K images.

The beautifully sleek, minimalist design of the FWD-48A90K is sure to impress in any setting. And with Acoustic Surface Audio+, cinematic sound comes directly from the 48" screen.

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.

### **High contrast OLED screen technology**

Each self-illuminating pixel is precisely and individually controlled so that you can enjoy breath-taking OLED contrast with pictures that feel deep, natural, and real.

### **Wider Colour with XR TRILUMINOS Pro™**

Powered by our Cognitive Processor XR™, the A90K series reproduce colour in a way that humans find beautiful. See a wider palette of colours with an enhanced range of hue and saturation, allowing natural shades and precise details to be seen, even in dark scenes.

### **Spectacularly real 4K HDR images**

With XR HDR Remaster, this display can detect each object on screen, analyse its colour and adjust contrast for even more realistic pictures. Object-based processing, powered by BRAVIA XR™, takes precision to a whole new level by adding adjustment of hue, saturation, brightness, motion vector, bandwidth and more. The result is exceptionally real scenes with greater depth, lifelike textures, and natural colours.

### **Smoother movement**

With our XR OLED Motion technology, even fast action stays smooth and clear. Moving images are precisely controlled to minimise blur so that pictures remain true with less loss in brightness during high-speed scenes.

### **Sound from the screen**

With our Acoustic Surface Audio+ technology, sound comes directly from the centre of the screen with powerful actuators behind the TV vibrating to create acoustics that move with the picture.

### **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 built-in, and Apple Airplay, easily mirror your content and enjoy it super-sized on your BRAVIA.

### **Flexible Mounting and Installation**

BRAVIA Professional Displays offer flexible mounting 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 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
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### Display specifications

Screen Size for WEB(diagonal, cm, integer or 1st decimal)	121 cm
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Display resolution (H x V, pixels)	3840 x 2160
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Screen Size (inch, measured diagonally)	48"(47.5")
Viewing Angle (Right/Left)	178(89/89)degree
Viewing Angle (Up/Down)	178(89/89)degree
Display Resolution	QFHD
Aspect Ratio	16:09

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## Professional features

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

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## 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	

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(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 MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD)  
codecs

HDMI-  
CEC Yes

i-Manual Yes

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Screen Clock	Yes
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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,CZE,DAN
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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(24,25,30,50,60,100,120Hz) *1 , 1080p(30,50,60,100,120Hz), 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	Pigtail (REAR)
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RF	
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(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)
USB ports	1(Side)/1(Bottom)
Ethernet inputs	1(Bottom)
PCMCIA Slot(s)	1(side)

## Audio Specifications

Speaker Position	Front
Audio Power Output	10W + 10W + 5W
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
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ARC output format	Two channel linear PCM: 48kHz 16bits, Dolby Audio, Dolby Atmos, DTS
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## Video specifications

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	XR 4K Upscaling
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Motion enhancer	XR OLED Motion, Auto mode
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4K Processor	Cognitive Processor XR
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HDR (High Dynamic Range) compatibility	Yes(HDR10,HLG,Dolby Vision)
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Panel



Refresh Rate 100Hz  
(Native  
Hertz)

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Dynamic  
Contrast Yes  
Enhancer

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## Design Features

Stand Position 2way position (Standard  
position/Soundbar position)

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Stand Color Titanium Black

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Bezel Design Metal Flush Surface

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Cable Management Yes

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Frame color Titanium Black

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Stand Design Aluminum Center Plate

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VESA® Hole Spacing  
Compatible Yes

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VESA® Hole Pitch(W x  
H) 30.0 x 30.0 cm

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## Eco & energy saving

On mode power 1000h SDR(New lot5)	64 kWh/1000h
Mercury content(mg)	0.0
Power Requirements (voltage)	220 V - 240 V AC
Power Requirements (frequency)	50Hz
Rated Power Consumption	235 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. 106.9 x 62.4 x 5.9 (2.48) cm
Display with Stand (Standard position) (W x H x D)	Approx. 106.9 x 62.9 x 22.5 cm

Display with Stand (Soundbar position) (W x H x D)	Approx. 106.9 x 69.7 x 22.5 cm
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Dimension of Package Carton (W x H x D)	Approx. 118.7 x 74.1 x 18.8 cm
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## Weights (Approx.)

Display only	Approx. 13.4 kg
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Display with Stand (Standard position)	Approx. 16.5 kg
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Display with Stand (Soundbar position)	Approx. 16.8 kg
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Weight of Package Carton(Gross)	Approx. 21 kg
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## Supplied Accessories

Voice Remote Control (Supply)	RMF-TX900U
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Remote Control	RMT-TX440E
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Batteries	LR03+R03
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AC Power Cord Spec	(Pig-tail43mm) (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), SU-WL850(Depends on usage of terminal)
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## PrimeSupport

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

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\*1

100Hz and 120Hz is supported by  
HDMI IN 3 and IN 4

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## Gallery



