

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

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| Display type | OLED |
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Display specifications

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| 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 |
| 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 |

Professional features

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

Display system

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| 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) | 2(Digital)/1(Analog) |

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| Number of Tuners (Sat) | 2 |
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Network features

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

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| USB playback | MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV codecs) |
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| HDMI-CEC | Yes |
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| i-Manual | Yes |
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| On 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,...

Control specs

IP Control Yes

Pro Mode No

Inputs & outputs

HDMI Signal 4096x2160p(24,50,60Hz),
3840x2160p(24,25,30,50,60,100,120Hz),
1080p(30,50,60,100,120Hz), 1080/24p,
1080i(50,60Hz), 720p(30,50,60Hz), 720
576p, 480p

HDCP HDCP2.3(for HDMI1/2/3/4)

AC Power Input Pigtail (REAR)

RF
(Terrestrial/Cable)
Connection 1(Bottom)
Input(s)

IF (Satellite)
Input(s) 2(Bottom)

Composite Video Hybrid w/S-Center Speaker Input x1(Sid
Input(s) Mini jack)

HDMI inputs total 4(1Side,3Bottom)

Digital Audio 1 (Bottom)
Output(s)

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

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

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| Processing | XR 4K Upscaling |
| Motion enhancer | XR OLED Motion, Auto mode |
| 4K Processor | Cognitive Processor XR |
| HDR (High Dynamic Range) compatibility | Yes(HDR10,HLG,Dolby Vision) |
| Panel Refresh Rate (Native Hertz) | 100Hz |
| Dynamic Contrast Enhancer | Yes |

Design Features

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| Stand Position | 2way position (Standard position/Soundbar position) |
| Stand Color | Titanium Black |
| Bezel Design | Metal Flush Surface |
| Cable Management | Yes |
| Frame color | Titanium Black |
| Stand Design | Aluminum Center Plate |
| VESA® Hole Spacing | Yes |

Compatible

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|-------------------------|----------------|
| VESA® Hole Pitch(W x H) | 30.0 x 30.0 cm |
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Eco & energy saving

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| On mode power 1000h SDR(New lot5) | 64 kWh/1000h |
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| Mercury content(mg) | 0.0 |
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| Power Requirements (voltage) | 220 V - 240 V AC |
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| Power Requirements (frequency) | 50Hz |
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| Rated Power Consumption | 235 W |
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| Power Consumption (in Standby) | 0.50 W |
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| Power consumption(Networked Standby) | 2.00W(Wi-Fi) / 2.00W(LAN) / 1.0W(Bluetooth) |
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| Power Saving Mode / Back Light Off Mode | Yes |
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Dimensions

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| Display only (W x H x D) | Approx. 106.9 x 62.4 x 5.9 (2.48) cm |
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| Display with Stand (Standard position) | Approx. 106.9 x 62.9 x 22.5 |
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(W x H x D) cm

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| 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.)

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| 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

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| 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 T |
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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

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| 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

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| 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



