SONY

FWD-42A90K

42" 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-42A90K 42" 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-42A90K is sure to impress in any setting. And with Acoustic Surface Audio+, cinematic sound comes directly from the 42" 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

Display specifications

Screen Size for WEB(diagonal, cm, integer or 1st decimal)	106 cm

Display resolution (H x V, pixels)	3840 x 2160
Screen Size (inch, measured diagonally)	42"(41.5")
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)	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 codecs	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV
HDMI-CEC	Yes
i-Manual	Yes
On Screen Clock	Yes
Sleep Timer	Yes
On/Off Timer	Yes
Display	

Language	AFR,AMH,ARA,ASM,AZE,BEL,BUL,BEN,BOS,CAT,C

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 Input(s)	1(Bottom)
IF (Satellite) Input(s)	2(Bottom)
Composite Video Input(s)	Hybrid w/S-Center Speaker Input x1(Sid 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
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	XR 4K Upscaling
Motion enhancer	XR OLED Motion, Auto mode
4K Processor	Cognitive Processor XR
HDR (High Dynamic Range) compatiblity	Yes(HDR10,HLG,Dolby Vision)
Panel Refresh Rate (Native Hertz)	100Hz
Dynamic Contrast Enhancer	Yes

Design Features

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	
VESA® Hole Pitch(W x H)	20.0 x 20.0 cm

Eco & energy saving

On mode power 1000h SDR(New lot5)	52 kWh/1000h
Mercury content(mg)	0.0
Power Requirements (voltage)	220 V - 240 V AC
Power Requirements (frequency)	50Hz
Rated Power Consumption	201 W
Power Consumption (in Standby)	0.50 W
Power consumption(Networked Standby)	2.00W(Wi-Fi) / 2.00W(LAN) / 0.50W(CEC)
Power Saving Mode / Back Light Off Mode	Yes

Dimensions

Display only (W x H x D)	Approx. 93.3 x 54.6 x 5.7 (2.05) cm
Display with Stand (Standard position)	Approx. 93.3 x 55.1 x 22.5 cm

(W x H x D)	
Display with Stand (Soundbar position) (W x H x D)	Approx. 93.3 x 62.0 x 22.5 cm
Dimension of Package Carton (W x H x D)	Approx. 105.2 x 68.8 x 17.0 cm

Weights (Approx.)

Display only	Approx. 13.3 kg
Display with Stand (Standard position)	Approx. 16.4 kg
Display with Stand (Soundbar position)	Approx. 16.7 kg
Weight of Package Carton(Gross)	Approx. 21 kg

Supplied Accessories

Voice Remote Control (Supply)	RMF-TX900U
Remote Control	RMT-TX440E
Batteries	LR03+R03
AC Power Cord Spec	(Pig-tail43mm) (EUROPE) (2pin) (round pins T

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.

Notes

*1	100Hz and 120Hz is supported by HDMI IN 3 and IN 4

Gallery

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