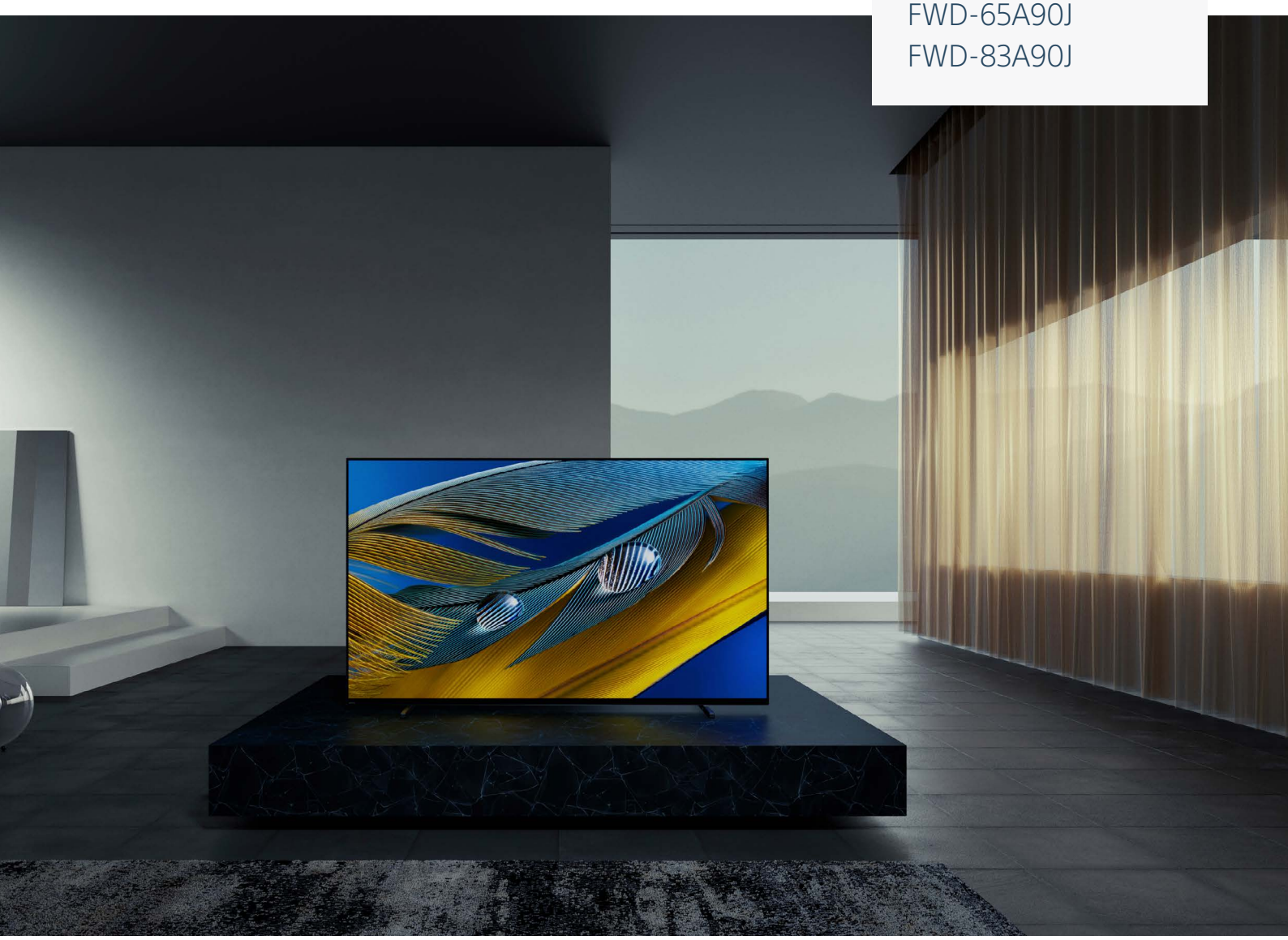
SONY

# BRAVIA™ 4K HDR OLED Professional Displays

## Innovative displays designed for business

**48" – 83"**
**A80J/A9/A90J Series**

FWD-48A9/T1
FWD-55A80J
FWD-65A80J
FWD-77A80J
FWD-55A90J
FWD-65A90J
FWD-83A90J



4K HDR

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

Add unprecedented impact to your visual communications with the stunningly styled, fully featured 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 A80J/A90J/A9* is sure to impress in any setting. And with Acoustic Surface Audio+, cinematic sound comes directly from the screen.

For even greater peace of mind there's the added reassurance of our 3 Years warranty with Repair or if necessary advanced exchange handled by local partner, on premise where possible. You can also choose to extend your support for an additional 2 years.

*FWD-48A9/T1 has Pro mode and is compatible with TEOS Workplace Management Solutions

## Ultimate Picture Quality

### 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 breathtaking OLED contrast with pictures that feel deep, natural and real.

### Wider Colour with XR TRILUMINOS Pro™*
Powered by our Cognitive Processor XR, the OLED 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 OLED XR Motion Clarity™ 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.

*FWD-48A9/T1 is powered by the X1 Ultimate processor (TRILUMINOS Display, X-Motion Clarity...), instead of the Cognitive Processor XR.

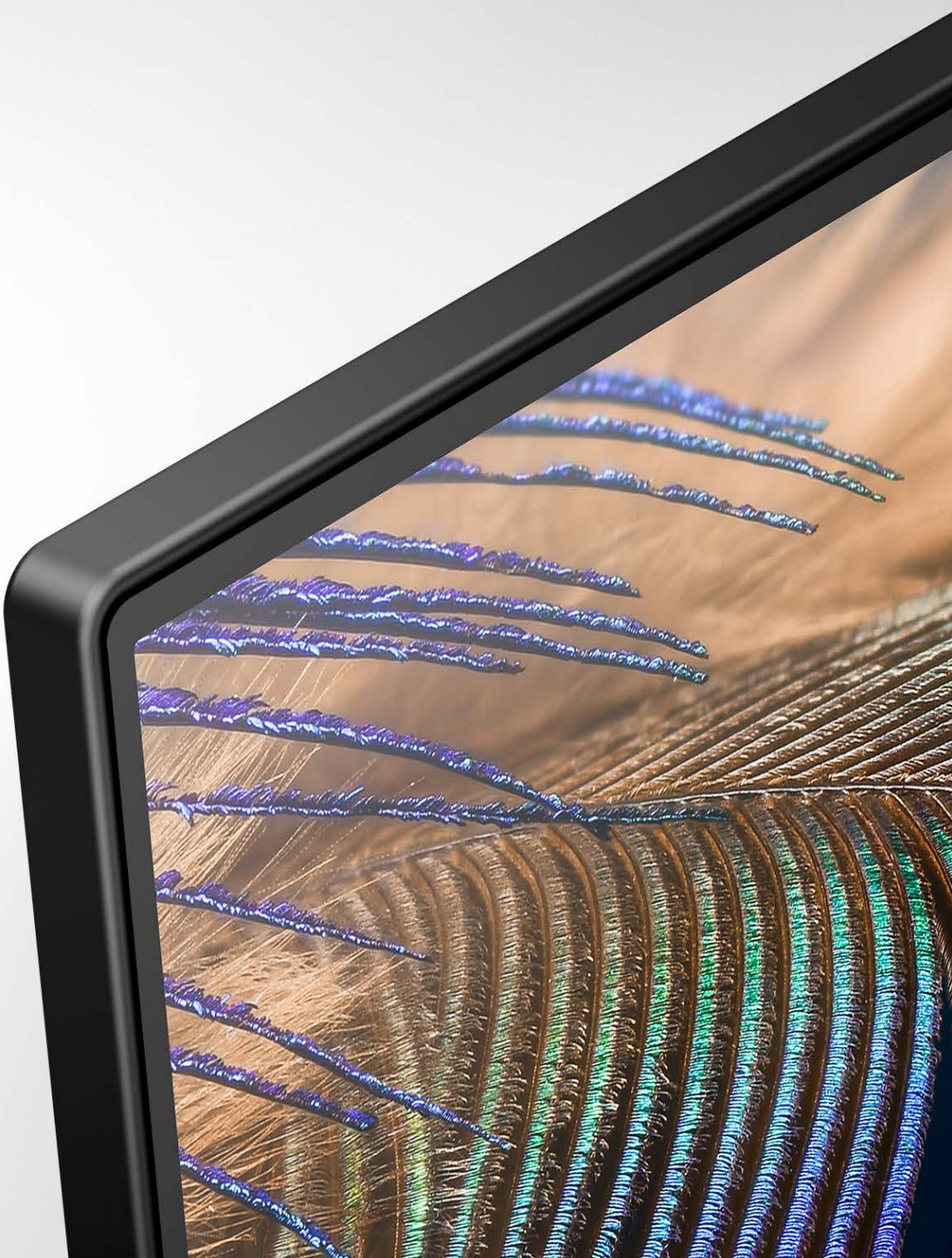
## Features

### 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 Repair or if necessary advanced exchange handled by local partner, on premise where possible. You can also choose to extend your support for an additional 2 years.



# Bring the incredible depth and quality of 4K HDR OLED resolution to your business

Ideal for:

**Corporate presentation**
**Digital signage**
**Video conferencing**
**Education**

## For full features visit pro.sony/products/professional-displays

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Prime Support Pro

# Specifications

| | | FWD-55A80J | FWD-65A80J | FWD-77A80J | FWD-48A9/T1 | FWD-55A90J | FWD-65A90J | FWD-83A90J |
|---|---|---|---|---|---|---|---|---|
| Display features | Screen size (measured diagonally) | 55"(54.6") | 65"(64.5") | 77"(76.7") | 48"(47.5") | 55"(54.6") | 65"(64.5") | 83"(82.5") |
| | Display resolution (H x V, pixels) | 3840 x 2160 | | | | | | |
| | Display device | OLED | | | | | | |
| | Aspect Ratio | 16:9 | | | | | | |
| 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 | Wi-Fi Direct | Yes | | | | | | |
| | Wi-Fi Certified | Yes | | | | | | |
| | Apple AirPlay | Yes | | | | | | |
| | Chromecast built-in | Yes | | | | | | |
| | Internet Browser | Vewd | | | | | | |
| | Codec for Home Network | MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC/MP4(XAVC S):AVC,MPEG4,HEVC/AVI:Xvid,MotinJpeg/ASF(WMV):VC1/MOV:AVC, MPEG4,MotionJpeg/MKV:Xvid,AVC,MPEG4,VP8.HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/LPCM/WAV/MP4AAC/FLAC/JPEG | | | | | | |
| | Wireless LAN | Integrated | | | | | | |
| Convenience features | USB playback codecs | MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC/MP4(XAVC S):AVC,MPEG4,HEVC/AVI:Xvid,MotinJpeg/ASF(WMV):VC1/MOV:AVC, MPEG4,MotionJpeg/MKV:Xvid,AVC,MPEG4,VP8.HEVC/WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/LPCM/WAV/MP4AAC/FLAC/JPEG | | | | | | |
| | 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,CZE,DAN,DEU,GRE,ENG,SPA,EST,BAQ,PER,FIN,FRA,GLG,GUJ,HIN,HRV,HUN,IND,ISL,ITA,HEB,JPN,KAZ,KAN,KOR,KIR, LAO,LIT,LAV,MAC,MAL,MON,MAR,MAY,BUR,NOB,NEP,NLD,ORI,PAN,POL,POR,RUM,RUS,SOL,SLV,ALB,SRP,SWE, SWA,TAM,TEL,THA,TGL,TUR,UKR,URD,UZB,VIE, zh_CN,zh_HK,zh_TW,ZUL | | | | | | |
| Control specs | IP Control | Yes (requires authentication) | | | | | | |
| | Pro mode | No | | | Yes | 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), 720/24p, 576p, 480p | | | | | | |
| | HDCP | HDCP2.3(for HDMI1/2/3/4) | | | | | | |
| | 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(Side, Mini jack) | | | | | | |
| | HDMI inputs total | 4(1Side, 3Bottom) | | | | | | |
| | USB ports | 2(Side) / 1(Bottom) | | | | | | |
| | Ethernet inputs | 1(Bottom) | | | | | | |
| | HDMI PC Input Format | 640x480(31.5kHz,60Hz), 800x600(37.9kHz,60Hz), 1024x768(48.4kHz,60Hz), 1280x1024(64.0kHz,60Hz), 1152x864(67.5kHz,75Hz), 1600x900(55.9kHz,60Hz), 1680x1050(65.3kHz,60Hz), 1920x1080(67.5kHz,60Hz), 3840x2160p(30Hz), 3840x2160p(60Hz, 8bits*) | | | | | | |
| | PCMCIA Slot(s) | 1(Side) | | | | | | |
| Audio specifications | Speaker Position | Front | | | | | | |
| | Audio Power Output | 10W + 10W + 10W | | 20W + 20W + 10W | 10W + 10W + 5W | 20W + 20W + 10W + 10W | | |
| Video Specification | Wide Mode | Wide zoom / Normal / Full / Zoom / 14:9 | | | | | | |
| | 4:3 Default | Yes | | | | | | |
| | Video Processing | XR 4K Upscaling | | | 4K X-Reality PRO | XR 4K Upscaling | | |
| | 4K Processor | Cognitive Processor XR | | | Picture Processor X1 Ultimate | Cognitive Processor XR | | |
| | HDR (High Dynamic Range) compatibility | Yes (HDR10, HLG, Dolby Vision) | | | | | | |
| Design Features | Cable Management | No | | | Yes | | | |
| | Frame color | Titanium Black | | | Black | Titanium Black | | |
| | Stand Design | Aluminum Layer stand | | | Aluminum Central Stand | Aluminum Edge Stand | | |
| | VESA® Hole Spacing Compatible | Yes | | | | | | |
| | VESA® Hole Pitch (W x H) | 30.0 x 30.0 cm | | | | | | 40.0 x 40.0 cm |
| Eco & energy saving | Power Consumption (in Standby) | 0.50W | | | | | | |
| | Mercury content (mg) | 0.0 | | | | | | |
| | Power Saving Mode / Back Light Off Mode | Yes | | | | | | |
| Dimensions | Display only (W x H x D) | Approx. 122.7 x 71.2 x 5.3 (0.59) cm | Approx. 144.8 x 83.6 x 5.3 (0.63) cm | Approx. 172.2 x 99.9 x 5.4 (0.69) cm | Approx. 106.9 x 62.4 x 5.8 (0.42) cm | Approx. 122.3 x 70.9 x 4.1(0.56) cm | Approx. 144.4 x 83.3 x 4.1(0.56) cm | Approx. 185.0 x 106.7 x 5.3 (0.73) cm |
| | Display with Stand (W x H x D) | Approx. 122.7 x 73.5 x 33.0 cm | Approx. 144.8 x 85.9 x 33.0 cm | Approx. 172.2 x 102.2 x 36.7 cm | Approx. 106.9 x 62.9 x 25.5 cm | Approx. 128.2 x 70.9 x 31.7 cm | Approx. 150.2 x 83.4 x 31.7 cm | Approx. 188.0 x 107.2 x 42.8 cm |
| Weights (Approx.) | Display only | Approx. 17.8 kg | Approx. 22.3 kg | Approx. 28.9 kg | Approx. 13.9 kg | Approx. 18.6 kg | Approx. 22.5 kg | Approx. 42 kg |
| | Display with Stand | Approx. 19 kg | Approx. 23.5 kg | Approx. 30.1 kg | Approx. 17.6 kg | Approx. 20.3 kg | Approx. 24.6 kg | Approx. 43.5 kg |
| | Package Carton (Gross) | Approx. 25 kg | Approx. 31 kg | Approx. 40 kg | Approx. 22 kg | Approx. 29 kg | Approx. 34 kg | Approx. 59 kg |
| Optional accessories | Wallmount Bracket | SU-WL450 (Terminal access limitation, refer to SU-WL450 product page), SU-WL850(Refer to Country/Area Handling Chart) | | | | | | |
| Service and Warranty | Standard Warranty | 3 Years with Repair or if necessary advanced exchange handled by local partner, on premise where possible | | | | | | |
| | 2 years PrimeSupport extension reference | PSP.FWD55A80J.2X | PSP.FWD65A80J.2X | PSP.FWD77A80J.2X | PSP.FDWA948.2X | PSP.FWD55A90J.2X | PSP.FWD65A90J.2X | PSP.FWD83A90J.2X |

* For A90 series, 100Hz and 120Hz is supported by HDMI IN 2, IN 3 and IN 4