

# BRAVIA™ 4K HDR Professional Displays

Innovative displays designed for business

**43" – 85"  
X80K/X81K/  
X85K/X90H  
Series**

FWD-43X80K

FWD-50X80K

FWD-55X80K

FWD-65X80K

FWD-75X81K

FWD-85X85K

FWD-85X90H





## High quality 4K HDR images and smart connectivity

Take your business communications to the next level with the 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, these BRAVIA Professional series 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.

## Ultimate Picture Quality



**XR Motion**



### 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.

### 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.

### 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.

### 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.

### Smoother movement

Motionflow™ XR inserts additional picture frames between the originals, ensuring smoother, sharper detail in fast-moving sequences.

### 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.



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## 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.

### Greater peace of mind

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# Specifications

		FWD-43X80K	FWD-50X80K	FWD-55X80K	FWD-65X80K	FWD-75X81K	FWD-85X85K	FWD-85X90H	
Display features	Screen Size (inch, measured diagonally)	43" (42.5")	50" (49.5")	55" (54.6")	65" (64.5")	75" (74.5")	85" (84.6")		
	Brightness (cd/m <sup>2</sup> )	108 cm	126 cm	139 cm	164 cm	189 cm	215 cm	215 cm	
	Native contrast ratio	1200:1	5000:1		1200:1	450	517	620	
	Dynamic contrast ratio		400000:1		390,000:1	400000:1	460,000:1	600000:1	
	Display resolution (H x V, pixels)	3840 x 2160							
	Dimming type	Frame Dimming							Local Dimming
	Display device	LCD							
	Backlight type	Direct LED						Direct (Full Array LED)	Direct (Full Array LED)
	Aspect Ratio	16:9							
	Haze	1%						2%	
Response time (ms)	8	10		8		6			
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)	1 (Digital/Analog)							2 (Digital)/1 (Analog)
Number of Tuners (Sat)	1							2	
Network Features	Wi-Fi Direct	Yes							
	Wi-Fi Certified	Yes							
	Wi-Fi Standard	a/b/g/n/ac							
	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,MotionJpeg/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,WEBM:VP9/ AC4/ogg/AAC/ARW (Screen nail only)							
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,MotionJpeg/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,WEBM:VP9/AC4/ ogg/AAC/ARW (Screen nail only)							
	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, CZE, DAN, DEU, GRE, ENG, SPA, EST, BAQ, PER, FIN, FRA, GLG, GUJ, HIN, HRV, HUN, IND, ISL, ITA, HEB, JPN, KAZ, KAN, KOR, K IR, 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							
	Pro mode	No							Yes
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						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	
	HDCP	HDCP2.3 (for HDMI1/2/3/4)							
	RF (Terrestrial/Cable) Connection Input(s)	1 (Side)							
	IF (Satellite) Input(s)	1 (Side)							2 (Side)
	Composite Video Input(s)	1 (Side, Mini jack)							
	HDMI inputs total	4 (4Side)							
	USB ports	2 (Side)							
	Ethernet inputs	1 (Side)							
	RS-232C Input(s)	No							
	PCMCIA Slot(s)	1 (Top)							
Audio specifications	Speaker Position	Down Firing							Side Back + Down Firing
	Audio Power Output	10W + 10W							
Video Specifications	Wide Mode	Auto/Wide zoom/Normal/Full/Zoom/14:9,Normal/Full1/Full2 for PC							
	4:3 Default	Yes							
	Video Processing	4K X-Reality PRO							
	4K Processor	4K HDR Processor X1							
	Motion enhancer	Motionflow XR 200/240Hz (Native 50/60Hz), Auto mode							X-Motion Clarity, Auto mode
HDR (High Dynamic Range) compatibility	Yes (HDR10,HLG,Dolby Vision)								
Panel Refresh Rate (Native Hertz)	50Hz						100Hz		
Design Features	Cable Management	Yes							
	Frame color	Black							
	Stand Design	Slim Blade stand							Metal Blade Stand
	VESA® Hole Spacing Compatible	Yes							
VESA® Hole Pitch (W x H)	20.0 x 20.0 cm			30.0 x 30.0 cm			40.0 x 40.0 cm		
Eco & energy saving	Rated Power Consumption	114 W	151 W	213 W	241 W	317 W	389 W	340 W	
	Power Consumption (in Standby)	0.50 W							
	Mercury content(mg)	0.0							
	Power Saving Mode / Back Light Off Mode	Yes							
Dimensions	Display only (W x H x D)	Approx. 96.4 x 56.3 x 6.9 cm	Approx. 111.9 x 64.9 x 7.0 cm	Approx. 123.3 x 71.3 x 7.2 cm	Approx. 145.2 x 83.6 x 7.2 cm	Approx. 167.5 x 96.2 x 7.3 cm	Approx. 190.1 x 109.0 x 7.3 cm	Approx. 189.9x108.9x7.2 cm	
	Display with Stand (W x H x D)	Approx. 96.4 x 62.9 x 28.8 cm	Approx. 111.9 x 71.6 x 28.8 cm	Approx. 123.3 x 78.3 x 33.9 cm	Approx. 145.2 x 90.6 x 33.9 cm	Approx. 167.5 x 104.1 x 41.2 cm	Approx. 190.1 x 117.8 x 45.7 cm	Approx. 189.9x116.2x44.1 cm	
Weights (Approx.)	Display only	Approx. 10.1 kg	Approx. 12.4 kg	Approx. 15.9 kg	Approx. 21.7 kg	Approx. 32.2 kg	Approx. 44.7 kg	Approx. 45.8 kg	
	Display with Stand	Approx. 10.7 kg	Approx. 13 kg	Approx. 16.9 kg	Approx. 22.7 kg	Approx. 33.5 kg	Approx. 46.2 kg	Approx. 47.7 kg	
Package Carton (Gross)	Approx. 14 kg	Approx. 18 kg	Approx. 22 kg	Approx. 32 kg	Approx. 48 kg	Approx. 62 kg	Approx. 62 kg		
Optional accessories	Wallmount Bracket	SU-WL450 (Terminal access limitation, refer to SU-WL450 product page)			SU-WL450 (Terminal access limitation, refer to SU-WL450 product page), SU-WL850(Refer to Country/Area Handling Chart)			SU-WL450 (Terminal access limitation, refer to SU-WL450 product page)	
Service and Warranty	Standard Warranty	3 Years with advanced exchange handled by local partner, on premise where possible							

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



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

For full features visit [pro.sony/products/professional-displays](https://pro.sony/products/professional-displays)

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