SONY

FWD-65X80K

65" Bravia 4K HDR Professional Displays

Overview

High quality 4K HDR images and smart connectivity

Take your business communications to the next level with the FWD-65X80K 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, the FWD-65X80K BRAVIA Professional Display 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.

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.

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.

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.

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.

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

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.

Do more with Android TV
Discover a world of apps and online content powered by Android. Use Voice Search to find content easily without typing.

Google Chromecast built-in and Apple Airplay
With Google Chromecast built-in, and Apple Airplay, easily mirror your content and enjoy it on your BRAVIA.

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	
Brightness (cd/m^2)	438
Native constrast ratio	1,200:1
Dynamic constrast ratio	390,000:1
Response time	8
Panel type	IPS
Backlight dimming type	Frame Dimming
Display type	LCD

Display specifications

Screen Size for WEB(diagonal, cm, integer or 1st decimal)	164 cm
Backlight type	Direct LED
Display resolution (H x V, pixels)	3840 x 2160
Screen Size (inch, measured diagonally)	65"(64.5")
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)	1(Digital/Analog)
Number of Tuners (Sat)	1

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,AVCHD):MPEG2,AVC/MP4(XAVCS):AVC,MPEG4,HEVC/AVI:Xvid,MotionJpeg
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,IN

Control specs

IP Control	Yes
Pro Mode	No

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

Inputs & outputs	
AC Power Input	C8 INLET(REAR)
RF (Terrestrial/Cable) Connection Input(s)	1(Side)
IF (Satellite) Input(s)	1(Side)
Composite Video Input(s)	1(Side, Mini jack)
HDMI inputs total	4(4Side)
Digital Audio Output(s)	1(Side)
USB ports	2(Side)
Ethernet inputs	1(Side)
PCMCIA Slot(s)	1(Top)

Audio Specifications	
Speaker Position	Down Firing
Audio Power Output	10W + 10W
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/Full2 for PC
4:3 Default	Yes
Video Processing	4K X-Reality PRO
Motion enhancer	Motionflow XR 200/240Hz (Native 50/60Hz), Auto mode
4K Processor	4K HDR Processor X1
HDR (High Dynamic Range) compatiblity	Yes(HDR10,HLG,Dolby Vision)
Panel Refresh Rate (Native Hertz)	50Hz
Dynamic Contrast Enhancer	Yes

Design Features	
Stand Position	2way position (Standard position/Narrow position)
Stand Color	Black dot
Bezel Design	Flush Surface
Cable Management	Yes
Frame color	Black
Stand Design	Slim Blade stand
VESA® Hole Spacing Compatible	Yes
VESA® Hole Pitch(W x H)	30.0 x 30.0 cm

Eco & energy saving	
On mode power 1000h SDR(New lot5)	112 kWh/1000h
Mercury content(mg)	0.0
Power Requirements (voltage)	220 V - 240 V AC
Power Requirements (frequency)	50Hz
Rated Power Consumption	241 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. 145.2 x 83.6 x 7.2 cm
Display with Stand (Standard position) (W x H x D)	Approx. 145.2 x 90.6 x 33.9 cm
Display with Stand (Narrow position) (W x H x D)	Approx. 145.2 x 90.6 x 33.9 cm
Dimension of Package Carton (W x H x D)	Approx. 157.4 x 95.8 x 18.4 cm

Weights (Approx.)	
Display only	Approx. 21.7 kg
Display with Stand (Standard position)	Approx. 22.7 kg
Display with Stand (Narrow position)	Approx. 22.7 kg
Weight of Package Carton(Gross)	Approx. 32 kg

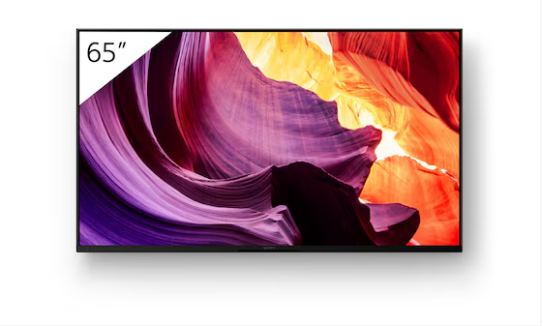
Supplied Accessories	
Voice Remote Control (Supply)	RMF-TX800U
Remote Control	RMT-TX440E
Batteries	LR03+R03
AC Power Cord Spec	Bundle (C7L) (UK) (3pin) (flat blades)
Operating Instructions	GB,FR,ES,NL,DE,PT,IT,SE,DK,FI,NO,PL,CZ,SK,HU,RO,BG,GR,TR
Quick Setup Guide / Supplement CUE (GA)	GB,FR,ES,NL,DE,PT,IT,DK,NO,SE,FI,PL,CZ,SK,HU,RO,BG,GR,TR,RU,UA,AR
Table Top Stand	Separate(assembly required)

Optional Accessories	
Wallmount Bracket	SU-WL450(Terminal access limitation, refer to SU-WL450 product page), SU-WL850(Refer to Country/Area Handling Chart)

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

Information on EU Data Act: Click here to check if your Sony product and/or related service is subject to the EU Data Act.

Gallery



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