SONY

FWD-65X80G

65" BRAVIA 4K Ultra HD, HDR, LED Professional Display

Overview

High quality 4K HDR images and smart connectivity

Enrich your business communications with the FWD-65X80G 65" BRAVIA Professional Display that combines lifelike 4K HDR image quality with easy operation, flexible networking/control and extensive integration options.

Optimised for professional applications, the BRAVIA FWD-65X80G 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 ClearAudio+ delivers pure, immersive sound.

It's easy to create attractive digital signage, mixing media files and online content with no need for additional player hardware. There's also a wide range of APIs (Application Programming Interface) options to enable remote control/monitoring and integration with external systems.

Android TV makes your professional display experience even smarter, allowing you to search apps and content with easy hands-free voice searches.

Integration in corporate environments is simplified by Pro mode that allows easy customisation of display settings to suit different applications.

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.

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.

More colour with TRILUMINOS Display

TRILUMINOS Display maps colours from a wider palette, faithfully reproducing a world of richer, more lifelike hues and tones.

Smoother movement

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

Optimised for professional use

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The FWD-65X80G meets the needs of today's business and educational environments, with flexible installation options plus wired or wireless network connection and serial communication control.

Easily create digital signage
Integrated support for HTML5 makes it easy to produce compelling digital signage, with no extra hardware or prior training needed. Combine graphics, text, 4K video and live web content to create attractive signage in minutes.

Lifelike listening
ClearAudio+ fine tunes sound for an immersive, listening experience that seems to surround you. Hear music and dialogue with greater clarity and separation.

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.

Flexible mounting and installation
BRAVIA Professional Displays offer flexible mounting options with VESA standard mounting for easy integration into a wide range of environments.

Quick set-up with Pro Mode
Customise and store display settings and features, then copy them easily to multiple displays via USB flash memory.

Specifications

TV System	
Tuner	DVB-T/T2
Number of tuners	1 (Digital / Analog)

Display features	
Dimming type	Frame Dimming
Display device	LCD
Backlight type	Direct LED

Video specs	
Wide Mode	Wide zoom / Normal / Full / Zoom / 14:9
4:3 Default	Yes
Video Processing	4K X-Reality PRO
Motionflow	Motionflow XR 100 Hz (Native 50 Hz)
Compatible with HDR	Yes (HDR10, HLG)
Video Signal	4096 x 2160p (24,50,60 Hz), 3840 x 2160p (24, 25, 30, 50, 60 Hz), 1080p (30, 50, 60 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (30, 50, 60 Hz), 720/24p, 576p, 576i, 480p, 480i

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Audio specs

Speaker position	Down Firing
Audio Power Output	10W + 10W

Network specs

Wi-Fi direct	Yes
Wi-Fi Certified	Yes
DLNA	Home Network Client, Home Network Renderer
Miracast (screen mirorring)	Yes
Firmware update	Yes
Internet Browser	Vewd
Wireless LAN	Integrated

Convenience features

USB Play (contents)	MPEG1:MPEG1 / MPEG2PS:MPEG2 / MPEG2TS (HDV, AVCHD):MPEG2, AVC / MP4 (XAVCS):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) / WAV /MP4AAC / FLAC / JPEG
On screen clock	Yes
Sleep timer	Yes
On/Off timer	Yes
Google Cast	Yes

Inputs and outputs

HDCP	HDCP 2.3 (for HDMI 1 / 2 / 3 / 4)
RF Connection Input(s)	1 (Side)
Composite Video Input(s)	1 (Bottom)
HDMI™ Connection(s) (Total)	4 (2 Side, 2 Rear)
Analog Audio Input(s) (Total)	1 (Bottom)
Digital Audio Output(s)	1 (Rear)
Audio Out	1 (Rear / Hybrid with Headphone Out)
USB	3 (Side)

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Ethernet Connection(s)	1 (Bottom)

Design features

Finish (Surface Color)	Black
Table Top Stand	Separate (assembly required)
VESA® Hole Spacing Compatible	Yes
VESA® Hole Pitch	300 x 300 mm

Eco and energy saving

Screen size (measured diagonally)	65" (64.5")
Power Consumption (Rated / standard)	247 W
Annual Power Consumption	613 kWh / Year
Power Consumption (in Standby)	0.5 W
Power Requirements	AC 110-240V
Power Saving Mode / Back Light Off Mode	Yes
Dynamic Backlight Control	Yes
Light Sensor	Yes
AC Power Input	1 (REAR)

Measurements

Display Only (W x H x D) (Approx.)	Approx. 1463 x 845 x 80 (13) mm
Display with Stand (W x H x D) (Approx.)	Approx. 1463 x 909 x 336 mm
Package Carton (W x H x D) (Approx.)	Approx. 1571 x 959 x 188 mm

Weight

Display Only	20.9 kg
Display with Stand	22 kg
Package Carton	31 kg

Display specifications

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Viewing angle (Right / Left)	178 (89 / 89) degree
Viewing angle (Up / Down)	178 (89 / 89) degree
Display resolution	QFHD
Aspect ratio	16:9
OS	Android 7.0 Nougat

Signage specs

Easy HTML5 Signage embedded	Yes
Multicast / IPTV	Yes

Control specs

RS-232C Control	1 (Bottom)
IR Pass Through	Yes
Hotel Mode Pro	Yes
IP Control	Yes
HDMI auto wake-up	Yes

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Gallery

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