

## FWD-85X80K

85" BRAVIA 4K HDR  
Professional Display



### Overview

Take your business communications to the next level with the FWD-85X80K BRAVIA Professional Display that combines lifelike 4K HDR image quality and TRILUMINOS PRO™ with easy operation, flexible networking/control and extensive integration options.

Optimized for professional applications, the FWD-85X80K BRAVIA Professional Display delivers richly colored, 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-Year Warranty.

### Features

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.

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 color and textures, for a more impactful signage.

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.

Our wide color gamut and unique TRILUMINOS PRO™ algorithm can detect color from saturation, hue, and brightness to reproduce natural shades in every detail. You'll enjoy colors that are closer to those seen in the real world. Powered by our X1 4K HDR processor, TRILUMINOS PRO Display maps colors from a wider palette, faithfully reproducing a world of more vivid, lifelike hues and tones.

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

BRAVIA features a slim, contemporary blade design, with a narrow screen bezel that adds an extra touch of refinement to any interior.

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

With Google Chromecast built-in, and Apple Airplay 2, easily mirror your content and enjoy it on your BRAVIA.

There's the added reassurance of our 3-year warranty with advanced exchange.

## Specifications

### General Features

Smart TV	Google TV
Closed Captions	Yes
Demo Mode	Yes (e-POP only)

### Display Features

Brightness (cd/m <sup>2</sup> )	562
Native contrast ratio	5,000:1
Dynamic contrast ratio	500,000:1
Response time (ms)	7
Panel type	VA

Backlight dimming

type	Frame Dimming
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Display type	LCD
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## Display specifications

Screen Size for WEB (diagonal, cm, integer or 1st decimal)	84.65 in
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Backlight type	Direct LED
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Display resolution (H x V, pixels)	3840 x 2160
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Screen Size (inch, measured diagonally)	85" (84.6")
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Viewing Angle (Right/Left)	178 (89/89) degree
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Viewing Angle (Up/Down)	178 (89/89) degree
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Display Resolution	QFHD
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Aspect Ratio	16:9
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## Professional Features

Operating System	Android 10
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On-board Storage (GB)	16GB
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Pro Mode	No
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## Display System

TV System (Digital Terrestrial)	ATSC/ATSC3.0 (NEXTGEN TV)
TV System (Digital Cable)	Clear QAM
Number of Tuners (Terrestrial/Cable)	1(Digital/Analog)

## Network Features

Apple AirPlay 2	Yes
Wi-Fi Direct	Yes
Wi-Fi Certified	Yes
Chromecast built-in	Yes
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 / ASF (WMV):VC1 / MOV:AVC,MPEG4,MotionJpeg / MKV:Xvid,AVC,MPEG4,VP8.HEVC / WEBM:VP8 / 3GPP:MPEG4,AVC / MP3 / ASF (WMA) / LPCM / WAV
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/ MP4AAC / FLAC /  
 JPEGWEBM: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, 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
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## Control specs

IP Control	Yes
RS232	Yes

## Inputs & Outputs

4096x2160p(24,60Hz),

HDMI Signal	3840x2160p(24,30,60,120Hz), 1080p(30,60,120Hz), 1080/24p, 1080i(60Hz), 720p(30,60Hz), 720/24p, 576p, 480p
HDCP	HDCP2.3 (for HDMI 1/2/3/4)
AC Power Input	C8 INLET (REAR)
RF (Terrestrial/Cable) Connection 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)
RS232	1 (Side)

## Audio Specifications

Speaker Position	Down Firing
Audio Power Output	10W + 10W
Digital audio out (Optical) format	Two channel linear PCM: 48 kHz 16 bits, Dolby Audio, DTS

HDMI Audio Return Channel (ARC)	Yes (eARC/ARC)
HDMI Input Audio Format	5.1 channel linear PCM: 32/44.1/48/88.2/96/176.4/192 kHz 16/20/24 bits, Dolby Audio, Dolby Atmos, DTS
ARC output format	Two channel linear PCM: 48 kHz 16 bits, Dolby Audio, Dolby Atmos, DTS

## Video Specifications

Wide Mode	Auto/Wide Zoom/Normal/Full/Zoom Normal/Full1/Full2 for PC
4:3 Default	Yes
Video Processing	4K X-Reality PRO
Motion enhancer	Motionflow XR 960 (Native 120Hz), Auto mode
4K Processor	4K HDR Processor X1
HDR (High Dynamic Range) compatibility	Yes (HDR10, HLG, Dolby Vision)
Panel Refresh Rate (Native Hertz)	120Hz
Dynamic Contrast Enhancer	Yes

## Design Features



Stand Color	Black
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)	400 x 400 mm/15 3/4 x 15 3/4 inch

## Eco & Energy saving

Power Requirements (voltage)	AC 120V for UL cUL AC 110-240V for other
Power Requirements (frequency)	60 Hz for UL cUL 50/60 Hz for other
Rated Power Consumption	378 W
Power Consumption (in Standby)	0.50 W
Power Saving Mode	Yes

## Dimensions

Display only (W x H x D)	1901 x 1090 x 73 mm/74 7/8 x 43 x 2 7/8 inch
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Display with Stand (Standard position) (W x H x D)	1901 x 1177 x 456 mm / 74 7/8 x 46 3/8 x 18 inch
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Dimension of Package Carton (W x H x D)	2035 x 1238 x 237 mm/80 1/4 x 48 3/4 x 9 3/8 inch
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## Weights (Approx.)

Display only	44.7 kg / 98.5 lbs.
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Display with Stand	46.2 kg / 101.8 lbs.
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Weight of Package Carton (Gross)	62 kg / 136.6 lbs.
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## Supplied Accessories

Voice Remote Control	RMF-TX800U
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Operating Instructions	US, FR, ES
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Quick Setup Guide / Supplement CUE (GA)	US, FR, ES, PT
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Table Top Stand	Separate(assembly required)
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## Warranty

3-year warranty with  
advanced exchange,

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