



## FWD85X850D

85" 4K display

### Overview

The FWD-85X850D is the latest in 4K professional displays. featuring TRILUMINOUS display technology and Sony's X1 reality creation processing, the FWD85X850D, offers outstanding picture performance. The X850D series also feature HTML-5 capability and an Android operating system. This technology makes the X850D series a powerful solution for simple signage applications

### Highlights

- \* 85" high performance 4K display TRILUMINOUS display technology
- \* LED backlighting provides exceptional picture quality
- \* HDR ready
- \* HTML-5 and Android OS give simple powerful signage capability

### Specifications

Control Inputs Specifications	Detail
Network	RJ45
Remote Control	IR and RS232c
Digital Inputs Specifications	Detail
HDMI	4
Display Specifications	Detail
Backlight Technology	Edge lit
Display Technology	LCD
Image Aspect Ratio	16 by 9
Native Aspect Ratio	16 by 9
Resolution	3840 by 2160
Screen Size	85"
Viewing Angle	178 (89 by 89) degree
General Specifications	Detail
Dimensions (W x H x D)	Approx 75.43 x 43.62 x 2.87
Weight	134.92 lb

## Resources

### Specification Sheet

Description:	Release Date	Type/Size	
FWD-85X850D_Specsheet_B2B.pdf		pdf / 1,516K	<a href="#">Download now</a>

# FWD-85X850D

85" BRAVIA Professional 4K Color LED Display



## Overview

### **Immersive 4K picture quality for corporate display, education and digital signage applications**

Bring the eye-catching depth and resolution of 4K to your business with this 85" BRAVIA Professional 4K LED Display. Slim, beautifully styled and energy efficient, it's ideal for corporate presentations, digital signage, video conferencing and educational applications.

4K delivers four times the screen resolution of Full HD, with Sony's powerful 4K Processor X1 assuring extra clarity, color and contrast for all your visual communications. BRAVIA also supports HDR, allowing you to benefit from the new wave of high-impact content with a wider brightness range.

With an HTML5 platform built in, BRAVIA offers everything you need to build a complete entry-level networked digital signage solution with no extra boxes or player hardware needed. Play out content directly over HDMI, from a connected USB device or over the network.

Support for Android TV allows quick customisation and extra functionality with a growing range of B2B applications, including content sharing, video conferencing and more. Control power, volume, channel change and other functions over the network via a web API.

Integration is simple, with flexible mounting and versatile control options. Hotel Professional Mode allows customisation and storage of advanced display settings.

## Features

### **4K image resolution (3840 x 2160 pixels)**

Offering four times the detail of Full HD with a resolution of over 8 million pixels, 4K brings unprecedented clarity to corporate display, education and digital signage applications.

### **Compatible with HDR (High Dynamic Range)**

View content shot in HDR (High Dynamic Range), with an extra-wide range of brightness levels for impressive contrast and rich color.

### **Great looking images from any input source**

Sony's powerful 4K X-Reality PRO engine upscales lower-resolution content so it's closer to 4K Ultra HD quality. From client presentations to high-impact digital signage, you'll see the difference with better looking pictures.

**Greater colors with TRILUMINOS Display**

Our unique TRILUMINOS Display technology enhances your audience's viewing with a wider palette of rich, natural-looking colors.

**Do more with the power of Android TV**

Personalize and control BRAVIA Professional Displays with Android TV. Download a growing range of B2B-focused apps to create a customized, even smarter display experience.

**Easily share content with Google Cast**

Send content to display on BRAVIA from other professional and personal devices, including laptops or Android/iOS phones and tablets.

**Energy-efficient LED Backlight**

The panel's LED backlight consumes less power than conventional fluorescent backlighting, reducing running costs and permitting an ultra-slim, discreet profile.

**Built-in HTML5 for dynamic box-free signage**

Integrated support for HTML5 makes it easy and cost effective to create your own digital signage content. Combine text, graphics and video with live web feeds and IPTV to produce compelling displays with no dedicated hardware player needed.

**Quick set-up with Hotel Mode**

Customize and store display settings and features, then copy them easily from display to display via USB flash memory.

**Versatile remote control options**

Control BRAVIA remotely - including on/off, input signal select and adjust volume - over IP via RJ45 by web API or via RS-232C (RS-232C control requires optional HDMI convertor box).

**Control with your smartphone**

One-touch Mirroring lets you use your smartphone to swipe, enlarge, move and select content on the big screen for everyone to see.

**Internet ready**

Ethernet connector and built-in Wi-Fi allow easy wired or wireless Internet connection.

**Integrated IPTV system**

Stream IPTV content directly to the BRAVIA with no need for any set-top boxes or media players. Add interactive channels, video-on-demand, interactives menus, video security live streams and more.

**Integrated media player**

Play videos and other media content at up to 4K resolution, directly from USB flash memory or live streaming in a wide range of file formats.

**Slim styling and easy cable management**

Sleek, slim styling looks great in any corporate, retail or educational environment. Our convenient new cable management system ensures a neat appearance without visible wires.

**Easy, flexible integration**

The slim, stylish display offers VESA standard mounting for easy integration, and blends elegantly into a wide range of corporate, retail or educational environments.

**TV System**

Tuner	ATSC
Tuner(Cable)	Clear QAM
Number of tuners	1(Digital/Analog)

**Display features**

Dimming type	Frame Dimming
Display device	LCD
Backlight type	Edge LED

**Video specs**

Wide Mode	Wide Zoom/Normal/Full/Zoom
4:3 Default	Yes
Video Processing	4K X-Reality PRO
Motionflow	Motionflow XR 960
Compatible with HDR	Yes
Video Signal	4096x2160p(24, 60Hz), 3840x2160p(24, 30, 60Hz), 1080p(30, 60Hz), 1080/24p, 1080i(60Hz), 720p(30, 60Hz), 720/24p, 480p, 480i

**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 mirroring)	Yes
Firmware update	Yes
Internet Browser	Opera(not pre-Installed)
Wireless LAN	Integrated

**Convenience features**

USB Play (contents)	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD):MPEG2,AVC/MP4:AVI:Xvid,MotionJpeg/ASF(WMV):VC1/MOV:AVC,MPEG4,MotionJpeg/MKV:Xvid,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	HDCP2.2(for HDMI1/2/3/4)
RF Connection Input(s)	1(Side)
Composite Video Input(s)	2 (1Rear/1Rear Hybrid w/Component)
Component Video (Y/Pb/Pr) Input(s)	1 (Rear)
HDMI™ Connection(s) (Total)	4(outside1, center3)
Digital Audio Output(s)	1 (Side)
Audio Out	1 (Side/Hybrid w/HP and Subwoofer Out)
USB	3 (side)
Ethernet Connection(s)	1 (side)

### Design features

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

### Eco and energy saving

Screen size (measured diagonally)	85"(84.6")
Power Consumption(on mode/ standard)	273W
Annual Power Consumption	217 kWh/Year
Power Consumption (in Standby)	0.5W

Light Sensor	Yes
Dynamic Backlight Control	Yes
Power Saving Mode / Back Light Off Mode	Yes
AC Power Input	1(REAR)

### Measurements

Display Only (WxHxD) (Approx.)	1917x1109x73(20) mm / 75 1/2 x 43 3/4 x 2 7/8(13/16) inch
Display with Stand (WxHxD) (Approx.)	1917x1182x402 mm / 75 1/2 x 46 5/8 x 15 7/8 inch
Package Carton (WxHxD) (Approx.)	2095 x 1246 x 403 mm / 82 1/2 x 49 1/8 x 15 7/8 inch

### Weight

Display Only	60.2
Display with Stand	65.6
Package Carton	83

### Display specifications

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

### Signage specs

Easy HTML5 Signage embedded	Yes
Multicast / IPTV	Yes (UDP/RTP)

### Control specs

Hotel Mode Pro	Yes
IP Control	Yes
HDMI auto wake-up	Yes

## Gallery

