

## FWD-49BZ20D

49" 4K Professional Colour 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 49" 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, colour and contrast for all your visual communications. Our 4K Professional Displays 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, our 4K Professional Displays 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 colour.

### **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.

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

Personalise and control your 4K Professional Display with Android TV. Download a growing range of B2B-focused apps to create a customised, even smarter display experience.

### **Easily share content with Google Cast**

Send content to display on your 4K Professional Display 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**

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

### **Versatile remote control options**

Control your 4K Professional Display 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.

## Specifications

### Display features

Dimming type	Frame Dimming
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Display device	LCD
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Backlight type	Direct LED
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### Video specs

Wide Mode	Wide Zoom/Normal/14:9/Full/Zoom
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4:3 Default	Yes
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Video Processing	4K X-Reality PRO
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Motionflow	Motionflow XR 200Hz
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Compatible with HDR	Yes
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4096x2160p(24, 50, 60Hz),

Video Signal	3840x2160p(24, 25, 30, 50, 60Hz), 1080p(30, 50, 60Hz), 1080/24p, 1080i(50, 60Hz), 720p(30, 50, 60Hz), 720/24p, 576p, 576i 480p, 480i
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## Audio specs

Speaker position	Down Firing
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Audio Power Output	10W+10W
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## Network specs

Wi-Fi direct	Yes
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Wi-Fi Certified	Yes
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DLNA	Home Network Client / Home Network Renderer
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Miracast (screen mirroring)	Yes
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Firmware update	Yes
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Internet Browser	Yes (Opera)
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Wireless LAN	Integrated
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## Convenience features

USB Play (contents)	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD AVC,MPEG4,HEVC/AVI:Xvid,MotinJpeg/ASF(WMV):VC1/MO MKV:Xvid,AVC,MPEG4,VP8.HEVC/WEBM:VP8/3GPP:MPEG-
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On screen clock	Yes
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Sleep timer	Yes
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On/Off timer	Yes
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Google Cast	Yes
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## Inputs and outputs

HDCP	HDCP2.2(for HDMI1/2/3/4)
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RF Connection Input(s)	1(Side)
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Composite Video Input(s)	2 (1Side Analog Conversion/1Rear Hybrid w/Component)
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Component Video (Y/Pb/Pr) Input(s)	1 (Rear)
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HDMI™ Connection(s) (Total)	4(side3, rear1)
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Digital Audio Output(s) 1 (Rear)

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) 49"(48.5")

Power Consumption(on mode/ standard) [Jordan] Rated : 138W / Standard : 90W and [Singapore] Rated 138W

Annual Power Consumption [Jordan]125kWh/Year and [Singapore]153 kWh/Year

Power Consumption (in Standby)	0.50W
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.)	Approx. 1107x651x78(20.2) mm
Display with Stand (WxHxD) (Approx.)	Approx. 1107x690x235 mm
Package Carton (WxHxD) (Approx.)	Approx. 1215x770x208 mm

## Weight

Display Only	13.2
Display with Stand	14.1
Package Carton	20



## Display specifications

Viewing angle (Right/Left)	178(89/89) degrees
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Viewing angle (Up/Down)	178(89/89) degrees
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Display resolution	QFHD
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Brightness (cd/m2)	400
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Contrast Ratio	1100:1
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Response Time (ms)	8
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Aspect ratio	16:9
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OS	Android
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## Signage specs

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

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

