

FW-55XE8001

55" BRAVIA 4K HDR Professional Display



Overview

Superior displays designed for business

Offering advanced control, professional mode, optional interactive compatibility, 18/7 operation and an embedded HTML5 platform for easy digital signage creation: BRAVIA 4K Displays are designed to suit all your professional needs, so you always present a clear image.

There's all the technological performance and style you'd expect from BRAVIA, powered by the latest X1 processor. The 4K LCD panel offers four times the pixel count of Full HD for outstanding picture quality, while the ultra-slim design enhances any corporate or retail environment.

BRAVIA now features a range of built-in solutions to customise your Professional Display exactly the way you want. Options include Corporate Solutions, TDM Digital Signage, Smart Automation System and the Applications Store: there's no need for any external devices or players.

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.

Easily create digital signage

Now retailers, schools and businesses have more choice than ever to create compelling signage for every kind of space, with no prior training needed; add graphics, text, video and sound files in minutes. Full compatibility with TDM Digital Signage.

Clearer, more natural 4K images

Images are clearer, smoother and more natural with Sony's 4K X-Reality™ PRO picture processing technology. Advanced noise reduction techniques and a special pattern database ensure that every scene is packed with lifelike detail.

More detail in bright highlights and deep shadows

4K HDR (High Dynamic Range) reveals previously-hidden details in the brightest highlights and areas of dark shadow.

Greater colours with TRILUMINOS Display

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

Do more with the power of Android TV

Personalise and control BRAVIA Professional Displays 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 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.

Practical features for better business

BRAVIA is great for retail and public display applications: advanced controls include Professional Mode, HDMI auto wake-up and 18/7 operation.

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 Professional 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 BRAVIA remotely – including on/off, input signal select and adjust volume – over IP via RJ45 by web API or via RS-232C.

Add the interactive power of touch

Turn BRAVIA into an interactive touchscreen or information kiosk. An optional screen overlay fits seamlessly onto BRAVIA, adding multi-touch capability to allow instant customer interaction. Contact your local Sony dealer for more information.

Slim styling and easy cable management

Sleek, slim styling looks great in any corporate, retail or educational environment. Our convenient 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.

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|----------------------------|---------------|
| Dimming type | Frame Dimming |
| Display device | LCD |
| Backlight type | Edge LED |
| Brightness (cd/m2)(*1) | 400 |
| Contrast Ratio(*1) | 1300:1 |
| Response Time (ms) (*1) | 8 |

Video specs

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|---------------------|---|
| Wide Mode | Full/Normal/Wide Zoom/Zoom/Caption/14:9 for Video |
| 4:3 Default | Yes |
| Video Processing | 4K X-Reality PRO |
| Motionflow | Motionflow XR 200Hz (Native 50Hz) |
| Compatible with HDR | Yes |
| Video 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, 576i, 480p, 480i |

Audio specs

Speaker position Down Firing

Audio Power Output 10W+10W

Network specs

Wi-Fi direct Yes

Wi-Fi Certified Yes

DLNA Network Client / Network Renderer

Miracast (screen mirroring) Yes

Firmware update Yes (network or USB)

Internet Browser Yes (Opera)

Wireless LAN Integrated

Convenience features

USB Play (contents) MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDV,AVCHD)
AVI:Xvid,MotinJpeg/ASF(WMV):VC1/MOV:AVC,MPEG4,Mot
WEBM:VP8/3GPP:MPEG4,AVC/MP3/ASF(WMA)/WAV/MP4

On screen clock Yes

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|--------------|-----|
| Sleep timer | Yes |
| On/Off timer | Yes |
| Google Cast | Yes |

Inputs and outputs

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|------------------------------------|--|
| HDCP | HDCP2.2 (for HDMI1/2/3/4) |
| RF Connection Input(s) | 1 (Side) |
| Composite Video Input(s) | 2 (1 Bottom Analog Conversion / 1 Bottom Hybrid w/Component) |
| Component Video (Y/Pb/Pr) Input(s) | 1 (Bottom Hybrid w/Composite) |
| HDMI™ Connection(s) (Total) | 4 (2 Side / 2 Rear) |
| Digital Audio Output(s) | 1 (Rear) |
| Audio Out | 1 (Rear/Hybrid w/HP and Subwoofer Out) |
| USB | 3 (Side) |

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| Ethernet Connection(s) | 1 (Bottom) |
|------------------------|------------|

Design features

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| Finish (Surface Color) | Black |
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| Table Top Stand | Included (assembly required) |
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| VESA® Hole Spacing Compatible | Yes (300 x 200 mm) |
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Eco and energy saving

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| Energy Label Rating | A |
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| Screen size (measured diagonally) | 55" (54.6") |
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| Power Consumption (in Operation) (Rated / Standard) | Rated: 166W / Standard: 106W |
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| Annual Power Consumption | 147 kWh/Year |
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| Power Consumption (in Standby) | 0.50 W |
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|---------------------------------------|-----------------------------|
| Power Consumption (Networked Standby) | 3.00W (Wi-Fi) / 3.00W (LAN) |
|---------------------------------------|-----------------------------|

Mode)

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| Peak Luminance Ratio | 76% |
| Lead content | Yes |
| Mercury content (mg) | 0.0 |
| Power Requirements | AC 220-240 V |
| Power Saving Mode / Back Light Off Mode | Yes |
| Dynamic Backlight Control | Yes |
| Light Sensor | Yes |
| AC Power Input | 1 (REAR) |

Measurements

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|---|--------------------------------------|
| Display Only (W x H x D) (Approx.) | Approx. 123.2 x 71.6 x 5.7 (1.40) cm |
| Display with Stand (W x H x D) (Approx.) | Approx. 123.2 x 77.2 x 25.2 cm |
| Package Carton (W x H x D) (Approx.) | Approx. 133.0 x 82.4 x 16.8 cm |

Weight

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| Display Only | 17.6 kg |
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| Display with Stand | 18.6 kg |
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| Package Carton | 26 kg |
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Display specifications

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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 | 4K (3840 x 2160) |
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| Aspect ratio | 16:9 |
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| OS | Android 6.0, Marshmallow |
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Control specs

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| RS-232C Control | Yes (jack 3.5) |
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| Hotel Mode Pro | Yes(Simple) |
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Notes

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| (*1) | Typical value of the panel spec. |
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Gallery

