

FWD-55A8/T

55" BRAVIA 4K HDR OLED
Professional Display



Overview

Deep OLED blacks in harmony with exquisite style and sound

The BRAVIA FWD-55A8/T Professional Display with advanced OLED technology brings you astonishing 4K HDR images with unprecedented clarity, contrast and detail.

Millions of individually controlled pixels accurately reproduce content, with Pixel Contrast Booster Technology ensuring bright highlights plus incredibly pure, deep blacks. Pictures are refined further by Sony's power-packed X1 Ultimate processor that analyses and refines images for even more lifelike depth, detail and realism. Stunning OLED pictures are in harmony with rich, cinematic sound that comes from the right place on the screen, precisely aligning pictures and sound.

The super-slim one slate design concept brings the screen close to the edge of the display for a more immersive viewing experience without distractions, perfect for all environments.

The BRAVIA FWD-55A8/T is ideally suited to professional use, with Pro mode allowing quick and easy customisation to suit different environments. The Android platform lets you do more, with the display's intuitive built-in software platform broadening control and customisation options even further. Creating

attractive digital signage is simple, mixing and displaying media files and online content with no need for additional hardware. A wide range of APIs (Application Programming Interface) options enable remote control/monitoring and integration with external systems.

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.

OLED with Pixel Contrast Booster

OLED technology brings you extraordinary contrast with even more fine detail in deep shadows and bright highlights. With Pixel Contrast Booster, colour and contrast are enhanced in bright areas for scenes full of lifelike hues, depth and texture plus the pure black contrast that only OLED can deliver.

Ultimate quality, whatever you're watching

Twice as fast as our X1™ Extreme processor, the X1™ Ultimate processor analyses and processes image data for incredibly lifelike 4K pictures bursting with depth and detail. Lower resolution HD pictures are upscaled close to 4K by Sony's 4K X-Reality™ PRO engine using a unique 4K database, while Object-based Super Resolution reproduces lifelike textures.

Even more real colour and contrast

Object-based HDR Remaster analyses and adjusts colour of individual on-screen objects, reproducing greater depth and textures for more realistic pictures.

Wider colour with TRILUMINOS Display

Powered by our X1 Ultimate processor, TRILUMINOS Display maps colours from a wider palette, faithfully reproducing a world of more vivid, lifelike hues and tones. The self-illuminating OLED

panel keeps colours consistent and true from any viewing angle.

Clearer, brighter fast-moving scenes

Latest X-Motion Clarity™ technology keeps on-screen movement smooth and clear, with minimised blur and no loss of brightness during high-speed scenes.

Refined brightness

The display's embedded light sensor optimises picture brightness to suit room conditions, boosting brightness in light rooms and reducing it in darker conditions for a perfect view.

The right sound in the right place

Acoustic Multi-Audio technology incorporates tweeters into the TV frame, with independently controlled amplifiers that let sound follow the action for a truly immersive experience.

Immersive big screen experience

BRAVIA features a minimalist 'one slate' design with a thin bezel, ensuring a more immersive big-screen viewing experience with fewer distractions.

Works with Apple AirPlay2

With Apple AirPlay2 it's easy to stream video and sound to BRAVIA right from an iPhone, iPad or Mac.

Google Chromecast built in

Cast videos and apps from a mobile device directly to BRAVIA with Google Chromecast. Just tap the Cast button on your Android or iOS device screen and instantly enjoy super-sized on BRAVIA.

Do more with Android TV

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

Quick set-up with Pro Mode

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

Easily create digital signage

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

TEOS integration

BRAVIA integrates seamlessly with TEOS, Sony's suite of workspace management applications that orchestrate control of devices and content in boardrooms, meeting areas and public spaces.

3 Year Advanced Exchange support bundle service

Stay up and running with our enhanced support service cover. If there's a problem with your professional display, we'll offer a free replacement rather than repairing your existing unit.

Specifications

Display Features

Display Device	OLED
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Operation time	18/7
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Display Specifications

Screen Size for WEB (diagonal, cm, integer or 1st decimal)	139 cm
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Display Resolution (H x V, pixels)	3840 x 2160
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Screen Size (inch, measured diagonally)	55" (54.6")
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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	16:09
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Professional Features

Professional Hidden Mode	Yes
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HDMI auto wake-up	Yes
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Multicast / IPTV	Yes
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Compatible with TDM Digital Signage/TEOS Solutions	Yes
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Operating System	Android 9.0 Pie
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On-board Storage (GB)	16 GB
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Display System

TV System (Digital Terrestrial)	DVB-T/T2
TV System (Digital Cable)	DVB-C
TV System (Digital Sat)	DVB-S/S2
Number of Tuners (Terrestrial/Cable)	2 (Digital) / 1 (Analog)
Number of Tuners (Sat)	2

Network Features

Wi-Fi Direct	Yes
Wi-Fi Certified	Yes
Screen Mirroring (Miracast™)	Yes (only for B2B purpose)
Apple AirPlay2	Yes *1
Chromecast Built-in	Yes
Internet Browser	Vewd

Firmware Update	Yes
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Wireless LAN	Integrated
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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 / MP4AAC / FLAC / JPEG
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HDMI-CEC	Yes
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i-Manual	Yes
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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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AFR, AMH, ARA, ASM, AZE, BEL, BUL, BEN, BOS, CAT, CZE, DAN, DEU, GRE, ENG, SPA, EST, BAQ,

Display Language	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
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Control Specs

IP Control	Yes
Pro Mode	Yes

Inputs & Outputs

HDMI Signal	4096 x 2160p (24,50,60Hz), 3840 x 2160p (24,25,30,50,60Hz), 1080p (30,50,60,100,120Hz), 1080/24p, 1080i (50,60Hz), 720p (30,50,60Hz), 720/24p, 576p, 480p
HDCP	HDCP 2.3 (for HDMI 1 / 2 / 3 / 4)
AC Power Input	Pigtail (REAR)
RF (Terrestrial/Cable) Connection Input(s)	1 (Bottom)
IF (Satellite) Input(s)	2 (Bottom)

Composite Video Input(s)	1 (Side)
HDMI Inputs Total	4 (1 Side, 3 Bottom)
USB Ports	2 (Side) / 1 (Bottom)
Ethernet Inputs	1 (Bottom)
PCMCIA Slot(s)	1 (Side)

Audio Specifications

Speaker Position	Front + Down Firing
Audio Power Output	10W + 10W + 5W + 5W

Video Specifications

Wide Mode	Auto / Wide zoom / Normal / Full / Zoom / 14:9
4:3 Default	Yes
Video Processing	4K X-Reality PRO
Motion Enhancer	X-Motion Clarity, Auto mode
4K Processor	Picture Processor X1 Ultimate
HDR (High Dynamic Range) Compatibility	Yes (HDR10, HLG, Dolby Vision)

Panel Refresh Rate (Native Hertz)	100Hz
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Design Features

Cable Management	Yes
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Frame Color	Black
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Stand Design	Metal Blade Stand
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VESA® Hole Spacing Compatible	Yes
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VESA® Hole Pitch (W x H)	30.0 x 30.0 cm
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Eco & Energy Saving

Energy Label Rating	B
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Standby Power Consumption	0.50W
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On-mode Power Consumption	131W
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Peak Luminance Ratio for EU	68%
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Mercury Content (mg)	0.0
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Power Saving Mode / Back Light Off Mode	Yes
Power Requirements (Voltage)	AC 220-240V
Power Consumption (Networked Standby)	2.00W (Wi-Fi) / 2.00W (LAN) / 0.50W (CEC)

Dimensions

Display Only (W x H x D)	Approx. 122.7 x 71.2 x 5.2 (0.59) cm
Display with Stand (W x H x D)	Approx. 122.7 (122.7) x 73.3 (78.4) x 32.6 (32.3) cm

Weights (Approx.)

Display Only	16.8 kg
Display with Stand	18.6 kg
Package Carton (Gross)	25 kg

Optional Accessories

SU-WL450 (Terminal access limitation, refer to SU-WL450)

Wallmount Bracket product page), SU-WL850 (Refer to Country/Area Handling Chart)

PrimeSupport

Included PrimeSupport

3 years of Standard helpdesk (Mon-Fri 9:00-18:00 CET) and Advanced Replacement service in case of product fault with all logistics covered.

Optional PrimeSupport Extensions

Optional 2-year support extension available:
PSP.FDWA855.2X

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Available via future firmware update, Internet required

