FW-55BZ40H

55" BRAVIA 4K Ultra HD HDR Professional Display



Overview

The slim, energy-efficient BRAVIA FW-55BZ40H combines bright 4K HDR image quality with easy operation, flexible networking/control and extensive integration options.

Every BRAVIA 4K Professional Display takes full advantage of latest consumer television technologies to ensure vibrant, high-brightness 4K HDR images that add impact to all your content. Beautiful pictures are balanced by Acoustic Multi-Audio™ for clear, immersive sound.

With portrait mode, advanced control, professional mode, optional interactive compatibility and 24/7 operation, the new BRAVIA FW-55BZ40H is designed to suit a wide range of B2B applications. Side-mounted terminals allow easy access for cable connections. The display's elegantly minimal design is enhanced further for professional use with a four-sided aluminium bezel and full protective rear.

Pro mode allows quick and easy customisation to suit different environments including corporate, education and hospitality, while One Step Setting optimises display settings for signage and conference rooms at the touch of a single button. A powerful SoC platform with

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improved processing speeds allow apps and animation to run smoothly and efficiently alongside a stress-free user interface for easy operation.

The new BZ Series feature a number of fantastic built-in and optional solutions to customise your BRAVIA exactly the way you want. From meeting room solutions, Manage for TEOS, Connect for TEOS, TDM Digital Signage, Smart Automation System and the Applications Store, without the need for any external devices or players.

For even greater peace of mind, there's the added reassurance of our 3 Year Advanced Exchange service that's included as standard. If there’s a problem with your display, we’ll offer a free, brand new replacement product rather than a repair. You can also choose to extend your support for an additional 2 years.

Features

4Kimageresolution(3840 x 2160pixels)
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.

Very high brightness and contrast
The high brightness, high contrast panel with Full Array local dimming is ideal for presenting 4K HDR (High Dynamic Range) content, revealing subtle detail in bright highlights and areas of dark shadow.

See finer detail
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.

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Rich, natural colour with TRILUMINOS Display

TRILUMINOS Display maps colours from a wider palette, faithfully reproducing a world of more vivid, lifelike hues and tones.

Smooth, fluid on-screen action

X-Motion Clarity™ ensures smoother, more natural reproduction of rapidly-moving on-screen images.

Quick set-up with Pro Mode

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

One Step Setting

A time-saver in corporate environments, One Step Setting optimises picture and networking settings to suit meeting rooms and signage applications at the touch of a single button.

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.

Reliable 24/7 operation

BRAVIA is engineered for dependable round-the-clock operation in the most demanding corporate and AV presentation environments.

Cast content 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

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on your Android or iOS device screen and instantly enjoy it super-sized on BRAVIA.

Versatile remote control

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

Connectivity when you need it most

The FW-55BZ40H supports Wi-Fi 5GHz and 2.4GHz as well as Bluetooth 4.2.

Flexible mounting and installation

The display offers flexible mounting options (vertical, tilt, and table-top), with VES A-standard mounting for easy integration into a wide range of environments.

DICOM

Correctly show X-ray images for non-diagnostic purposes through a dedicated app straight from the home screen. Use DICOM Sim mode to show any HDMI input.

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.

Greater peace of mind

There's extra reassurance with our 3 Year Advanced Exchange PrimeSupport service that's included as standard. If there's a fault with your BRAVIA Professional Display, we'll provide a replacement unit at no extra charge to keep you up and running.

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Specifications

Display Features

Brightness (cd/m²)	Typ. 620 / Peak 850
Native contrast ratio	6,000:1
Dynamic contrast ratio	550000:1
Response Time (ms)	8
Panel type	VA
Dimming Type	Local Dimming
Display Device	LCD
Backlight Type	Direct LED
Operation time	24/7
Portrait mode	Yes

Display Specifications

Wide Screen Size for WEB(diagonal, integer or 1st decimal)	cm, 139.0 cm
Display resolution (H x V, pixels)	3840 x 2160
Screen Size (inch, measured diagonally)	55" (54.6")

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Viewing Angle (Right/Left/Up/Down)	178 (89/89) degree
Display Resolution	QFHD
Aspect Ratio	16:9

Professional Features

Professional Hidden Mode	Yes
HDMI Auto Wake-up	Ye
Multicast/ IPTV	s
Compatible with TDM Digital Signage/TEOS Solutions	Ye Yes s
Operating System	Android 9.0
On-board Storage (GB)	16GB

Network Features

Wi-Fi direct	Ye
Wi-Fi Certified	s
Wi-Fi Standard	Ye a/b/g/n/ac s
Wi-Fi	

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Frequency	2.4GHz/5GHz (for Wi-Fi Direct: 2.4GHz Only)
Codec for Home Network	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDS):AVC,MPEG4,HEVC/AVI:Xvid,MotinJpeg/ASF(W
Apple AirPlay (Internet required)	Yes
Chromecast built-in	Yes
Wireless LAN	Integrated

Convenience Features

USB Playback Codecs	MPEG1:MPEG1/MPEG2PS:MPEG2/MPEG2TS(HDVS):AVC,MPEG4,HEVC/AVI:Xvid,MotinJpeg/ASF(WM
HDMI-CEC	Yes
On Screen Clock	Yes
Sleep Timer	Yes
On/Off Timer	Yes
Display Language	AFR,AMH,ARA,ASM,AZE,BEL,BUL,BEN,BOS,CAT,C

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Control Specs

IP Control	Yes
RS-232C Control	1 (Side)
Pro mode	Yes

Inputs & Outputs

HDMI Signal	4096x2160p(24,50,60Hz), 3840x2160p(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	HDCP2.3 (for HDMI1/2/3/4)
AC Power Input	C8 INLET (REAR)
Composite Video Input(s)	1 (Side)
HDMI Inputs	
Total	4 (Side)
Digital Audio Output(s)	
Headphone Output(s)	1 (Side)
USB Ports	1 (Side)
	2 (Side)
Ethernet Inputs	1 (Side)
RS-232C Input(s)	1 (Side)

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Audio Specifications

Speaker Position	Down Firing
Audio Power Output	10W + 10W
Digital Audio Out (Optical) Format	Two channel linear PCM: 48kHz 16bits, Dolby Audio, DTS
Dolby Atmos Speaker Type-2	Yes
Clear Phase Dolby Audio	X-Balanced Speaker
Format Support HDMI Audio	Yes
Return Channel(ARC)	Dolby Audio, Dolby Atmos
	Yes (ARC)
HDMI Input Audio Format	5.1 channel linear PCM: 32/44.1/48/88.2/96/176.4/192kHz 16/20/24bits, Dolby Audio, Dolby Atmos, DTS
ARC Output Format	Two channel linear PCM: 48kHz 16bits, Dolby Audio, Dolby Atmos, DTS

Video Specifications

Wide Mode	Auto/Wide zoom/Normal/Full/Zoom/14:9

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4:3 Default	Yes
Video Processing	4K X-Reality PRO
Motion Enhancer	X-Motion Clarity, Auto mode
4K Processor	X1 4K HDR Processor
HDR (High Dynamic Range) Compatiblity	Yes (HDR10,HLG,Dolby Vision)
Panel Refresh Rae (Native Hertz)	100Hz

Design Features

Cable Management	Yes
Frame color	Black
Stand Design	Metal Blade Stand
VES A® Hole Spacing Compatible	Yes
VES A® Hole Pitch(W x H)	30.0 x 30.0 cm

Eco & Energy Saving

Energy Label Rating	A
On-mode Power Consumption	97.0W

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Power Consumption (in Standby)	0.50W
Peak Luminance Ratio for EU	75%
Mercury Content(mg)	0.0
Power Saving Mode / Back Light Off Mode	Yes
Power Requirements (voltage)	AC 220-240V

Regulatory approvals

Regulatory approvals *1	CE CB EAC

Dimensions

Display only (W x H x D)	Approx. 123.1×71.0×7.0 cm
Display with Stand (W x H x D)	Approx. 123.1×78.0×33.8 cm
Dimension of Package Carton (W x H x D)	Approx. 135.0x83.6x16.2 cm

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Weights (Approx.)

Display only	Approx. 16.5 kg
Display with Stand Package	Approx. 17.5 kg
Carton(Gross)	24 kg

Optional Accessories

Wallmount Bracket	SU-WL450 (Terminal access limitation, refer to SU-WL450 product page), SU-WL850, SU-WL500

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.FDWBZH55.2X

Notes

*1	The information on this page is current as of the date of publication. Please contact your local office for the latest information.

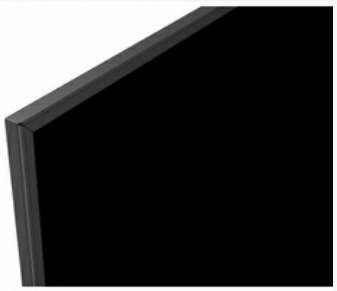
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Gallery









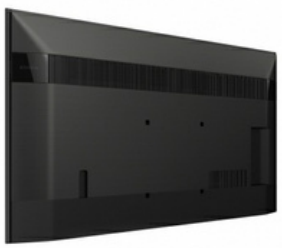












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