

## BRAVIA BZ40H Series

Our premium, brightest, and most advanced 4K Ultra HD HDR professional displays, available in screen sizes 55", 65", 75" and 85"



### Overview

#### **Communicate brighter and smarter**

Our brightest 4K HDR professional displays are made for better collaboration and information sharing in today's business, retail, educational and public environments. Inside premium BRAVIA BZ40H Series displays you'll find cutting-edge TV technologies from Sony that bring amazing color, contrast, clarity and motion to all your content, together with pure, powerful sound. Exquisitely styled BRAVIA integrates seamlessly in today's connected AV environments with flexible set-up, customization and content sharing options.

Available in screen sizes from 55"-85", BRAVIA BZ40H Series offers extremely high screen brightness up to 850 nits, ensuring punchy, high-impact visuals that can always be seen clearly. Sophisticated Full Array Local Dimming technology selectively brightens certain parts of the screen frame-by-frame, revealing subtle detail in bright highlights and areas of dark shadow. The panel's extra-wide viewing angle ensures that everyone in the room can enjoy clear, bright images wherever they're positioned.

### Features

#### **Exquisitely rich, natural color**

Sony's power-packed 4K HDR Processor X1 and TRILUMINOS technology ensure that BRAVIA BZ40H Series faithfully reproduces

a phenomenal range of rich, true-to-life colors.

### **Finer detail, smoother movement**

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

### **Round the Clock Reliability**

Business never sleeps: BRAVIA is engineered for dependable 24/7 operation in the most challenging corporate and commercial environments.

### **Stunning images in any orientation**

BRAVIA fits right in with your business needs. The display can be mounted horizontally (landscape) or vertically (portrait) to suit any environment, from corporate boardrooms to digital signage. Tilt your BRAVIA to help capture your audience's attention\*.

\*The tilt degree varies by model

### **Quick set-up**

Pro Mode lets you customize and store display settings to suit different environments, then copy them easily to multiple displays via USB flash memory. One Step Setting optimizes picture and network settings for meeting rooms and signage applications at the touch of a button.

### **Cast your content wirelessly**

With AirPlay2 and Chromecast built-in, it's easy to cast videos, apps and other content wirelessly from your own device directly to BRAVIA BZ40H Series. There's also support for other recommended third-party wireless collaboration tools.

### **Signage made simple**

Built-in support for HTML5 makes it easy to display interactive

signage content on BRAVIA BZ40H Series without the need for a dedicated set-top box, media player or PC.

### **Subtle branding**

The Sony logo is positioned on the top right side of the display bezel, eliminating unsightly "sideways logos" when BRAVIA is used in portrait orientation.

### **Slim bezel**

The four-sided uniform bezel ensures that BRAVIA always looks its best, whether the display is mounted in landscape or portrait orientation.

### **Convenient connections**

Signal connections, networking and other interfaces are conveniently side mounted for easy access when the display is in portrait position.

### **With BRAVIA, sustainability in every scene**

With growing demand for ever larger TVs and Professional Displays, there is also the risk of greater resource and energy use. However, Sony's sustainability commitments are realizing efficiency gains from product development right through to watching TV and viewing displays.

### **Easy integration**

BRAVIA BZ40H Series is made for today's connected world. There's seamless support for today's leading automation and control platforms, while open APIs provide limitless integration opportunities with other vendor solutions.

## Specifications

### Display Features

Brightness (cd/m<sup>2</sup>)      Typ. 620 / Peak 850

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Native Contrast Ratio	4,000:1
Dynamic Contrast Ratio	600000:1
Response Time (ms)	6
Panel type	VA
Dimming Type	Local Dimming
Display Device	LCD
Backlight Type	Direct LED
Operation Time	24/7
Portrait Mode	Yes

## Display specifications

Screen Size for WEB (diagonal, cm, integer or 1st decimal)	Option 1: 215.0 cm Option 2: 189.0 cm Option 3: 164.0 cm Option 4: 139.0 cm
Display resolution (H x V, pixels)	3840 x 2160
Screen Size (inch, measured diagonally)	Option 1: 85" (84.6") Option 2: 75" (74.5") Option 3: 65" (64.5") Option 4: 55" (54.6")
Viewing Angle	

(Right/Left/Up/Down) 178 (89/89) degree

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Display Resolution QFHD

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Aspect Ratio 16:9

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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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Operating System Android 9.0

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On-board Storage (GB) 16GB

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## Network Features

Wi-Fi Direct Yes

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Wi-Fi Certified Yes

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Wi-Fi Standard a/b/g/n/ac

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Wi-Fi Frequency 2.4 Ghz/5 GHz (for Wi-Fi Direct: 2.4 GHz Only)

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MPEG1:MPEG1 / MPEG2PS:MPEG2

Codec for Home Network	/ 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
Apple AirPlay (Internet required)	Yes
Chromecast built-in	Yes
Wireless LAN	Integrated

## 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
On Screen Clock	Yes
Sleep Timer	Yes
On/Off Timer	Yes
Display Language	AFR, AMH, ARA, ASM, AZE, BEL, BUL, BEN, BOS, CAT, CZE, DAN, DEU, GRE, ENG, SPA, EST, BAQ, 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, SWA, TAM, TEL, THA, TGL, TUR, UKR, URD, UZB, VIE, zh_CN, zh_HK, zh_TW, ZUL

## 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 HDMI 1/2/3/4)
AC Power Input	C8 INLET (REAR)
Composite Video Input(s)	1 (Side)
HDMI Inputs Total	4 (Side)
Digital Audio Output(s)	1 (Side)
Headphone Output(s)	1 (Side)
USB Ports	2 (Side)
Ethernet Inputs	1 (Side)
RS-232C Input(s)	1 (Side)

## Audio Specifications

Speaker Position	Side Back + Down Firing
Audio Power Output	10W + 10W



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

## 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	X1 4K HDR Processor
HDR (High Dynamic Range) compatibility	Yes (HDR10, HLG, Dolby Vision)
Panel Refresh Rate (Native Hertz)	120Hz

## Design Features

Cable Management	Yes
Frame color	Black
Stand Design	Metal Blade Stand
VESA® Hole Spacing Compatible	Yes
VESA® Hole Pitch (W x H)	85" Screen: 40.0 x 40.0 cm 75", 65", 55" Screen: 30.0 x 30.0 cm

## Eco & Energy saving

On-mode Power Consumption	85" Screen: 189.0W, 75" Screen: 152.0W, 65" Screen: 121.0W, 55" Screen: 97.0W
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Power Consumption (in Standby)	0.50W
Peak Luminance Ratio for EU	85" Screen: 75%, 75" Screen: 73%, 65" Screen: 76%, 55" Screen: 75%
Mercury Content(mg)	0.0
Power Saving Mode / Back Light Off Mode	Yes
Power Requirements (voltage)	AC 120 V for UL cUL, AC 110–240 V for other

## Dimensions

Display Only (W x H x D)	85" Screen: Approx. 189.9×108.9×7.2 cm, 75" Screen: Approx. 167.4×96.1×7.1cm, 65" Screen: Approx. 145.0×83.3×7.0 cm, 55" Screen: Approx. 123.1×71.0×7.0 cm
Display with Stand (W x H x D)	85" Screen: Approx. 189.9×116.2×44.1cm, 75" Screen: Approx. 167.4×103.4×41.0cm, 65" Screen: Approx. 145.0×90.3×33.8 cm, 55" Screen: Approx. 123.1×78.0×33.8 cm
	85" Screen: Approx.

Dimension of Package Carton (W x H x D)	203.8x123.5x26.0 cm, 75" Screen: Approx. 181.2x111.0x18.8 cm, 65" Screen: Approx. 157.6x96.1x18.6 cm, 55" Screen: Approx. 135.0x83.6x16.2 cm
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## Weights (Approx.)

Display Only	85" Screen: Approx. 45.8 kg, 75" Screen: Approx. 32.9 kg, 65" Screen: Approx. 22.2 kg, 55" Screen: Approx. 16.5 kg
Display with Stand	85" Screen: Approx. 47.7 kg, 75" Screen: Approx. 34.4 kg, 65" Screen: Approx. 23.2 kg, 55" Screen: Approx. 17.5 kg
Package Carton(Gross)	85" Screen: 62 kg, 75" Screen: 46 kg, 65" Screen: 31 kg, 55" Screen: 24 kg

## Gallery

