

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 colour, 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, customisation 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 dark shadow areas. 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 colour

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 colours.

Finer detail, smoother movement

4K X-Reality PRO processing 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 customise and store display settings to suit different environments, then copy them easily to multiple displays via USB flash memory. One Step Setting optimises 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 slim but strong aluminium bezel ensures that BRAVIA always looks its best, whether the display's mounted in landscape or portrait orientation.

Convenient connections

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

With BRAVIA, sustainability in every scene

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

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 simplify integration with other vendor solutions.

Specifications

Display Features

Brightness (cd/m²) Typ. 620 / Peak 850

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

Display Resolution QFHD

Aspect Ratio 16:9

Professional Features

Professional Hidden Mode Yes

HDMI Auto Wake-up Yes

Multicast/ IPTV Yes

Compatible with TDM Digital Signage/TEOS Solutions Yes

Operating System Android 9.0

On-board Storage (GB) 16GB

Network Features

Wi-Fi Direct Yes

Wi-Fi Certified Yes

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

Wi-Fi Frequency	2.4GHz/5GHz (for Wi-Fi Direct: 2.4GHz Only)
Codec for Home Network	MPEG1:MPEG1 / MPEG2PS:MPEG2 / MPEG2TS (HDV,AVCHD):MPEG2,AVC / MP4 (XAVCS):AVC,MPEG4,HEVC / AVI:Xvid,MotinJpeg / 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,MotinJpeg / ASF (WMV):VC1 /
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MOV:AVC,MPEG4,MotionJpeg /
 MKV:Xvid,AVC,MPEG4,VP8.HEVC /
 WEBM:VP8 / 3GPP:MPEG4,AVC /
 MP3 / ASF (WMA) / LPCM / WAV /
 MP4AAC / FLAC / JPEG

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

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) 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: 48kHz 16bits, 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: 32/44.1/48/88.2/96/176.4/192kHz 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
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)	100Hz

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

Energy Label Rating	G
On-mode Power Consumption	85" Screen: 189.0W, 75" Screen: 152.0W, 65" Screen: 121.0W , 55" Screen: 97.0W
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 220-240V

Regulatory approvals

Regulatory approvals	CE
*1	CB
	EAC

Dimensions

Display Only (W x H x	85" Screen: Approx. 189.9×108.9×7.2 cm , 75" Screen: Approx. 167.4×96.1x7.1cm , 65"
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D)	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
Dimension of Package Carton (W x H x D)	85" Screen: Approx. 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

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
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Optional Accessories

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

Included PrimeSupport	3 Years warranty with Repair or if necessary advanced exchange handled by local partner, on premise where possible.
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Optional PrimeSupport Extensions	Optional 2-year support extension available: PSP.FDWBZH85.2X
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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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Further Information

Product
Information Sheet

<https://eprel.ec.europa.eu/qr/526771>

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