SONY
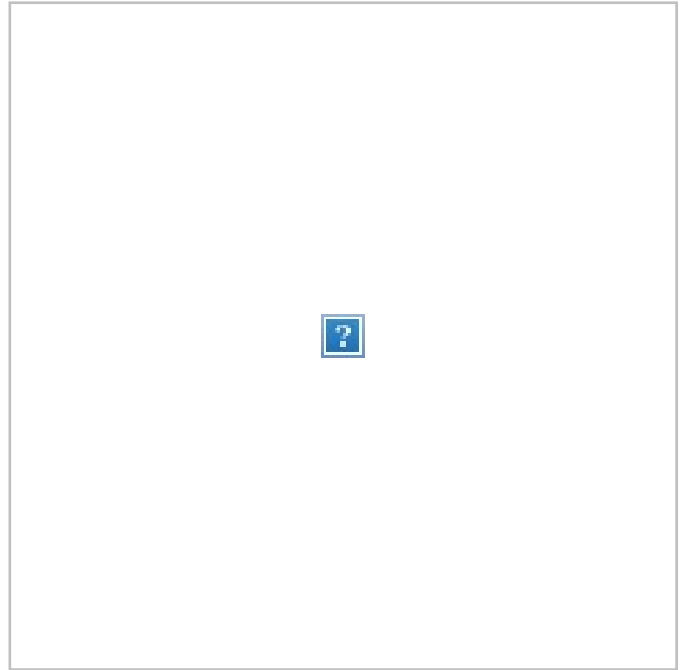
FW-100BZ40J

Our 100" premium 4K Ultra HD
HDR professional display with
Cognitive Processor XR™

Overview

The 100" BRAVIA FW-100BZ40J combines bright, beautiful 4K
pictures with business-friendly features.

Featuring Sony's powerful Cognitive Processor XR, the FW-
100BZ40J delivers superb picture quality, with immersive images
that combine amazing colour, contrast and clarity. The screen's
Cognitive Processor XR uses cognitive intelligence to deliver
sound and imagery optimised for human ears and eyes. The FW-
100BZ40J also achieves high brightness of 600-nit (typical)/940-
nit (peak) by Full Array Local Dimming backlight.

The robust and rigid FW-100BZ40J is designed with a wide range
of B2B applications in mind, thanks to a symmetrical four-sided
aluminium bezel and a carrying handle providing ease of
mobility.

The display's powerful built-in Android OS System on an SoC
platform ensures fast boot-up plus smooth apps, animations
and a seamless user experience.

Pro mode allows quick and easy customisation to suit different environments including corporate, education and digital signage, while One Step Setting optimises set-up for signage and conference rooms at the touch of a button. IP control capability allows easy installation with support from major key partners including Crestron, Extron and Kramer. The FW-100BZ40J also features integrated mirroring functionality through both Chromecast built-in and AirPlay2, providing a simple, quick and touchless connection from a user's device.

For even greater peace of mind there's the added reassurance of our 3 Years warranty with Repair or if necessary advanced exchange handled by local partner, on premise where possible. You can also choose to extend your support for an additional 2 years.

Features

Cognitive Processor XR
When the different elements that make up a display picture are looked at individually and all elements adjusted to the same level, the results can feel artificial and take the viewer out of the experience. Using human perspective analysis, the Cognitive Processor XR cross-analyses thousands of elements at once to create the perfect immersive picture, just as if its was happening in reality.

Rich, natural colour with XR TRILUMINOS Pro
Powered by our Cognitive Processor XR, our FW-100BZ40J display reproduces colour in a way that human eye finds beautiful. See a wider palette of colours with an enhanced range of hue and saturation, allowing natural shades and precise details to be seen, even in dark scenes.

Spectacular brightness and contrast
With a peak brightness of 940cd/m² (600cd/m² typical), the panel

has Full Array Local Dimming (FALD), making it ideal for presenting 4K HDR (High Dynamic Range) content and revealing subtle detail in bright highlights and areas of dark shadow.

See finer detail with XR upscaling
The FW-100BZ40J accesses and utilises a vast amount of data, analysing patterns in scenes and recreating subtle details to upscale 2K signals close to true 4K quality for incredibly real and immersive viewing.

Smooth, fluid on-screen action XR Motion Clarity
On some screens, especially large ones, fast-moving scenes can lead to blur. Our latest LED XR X-Motion Clarity™ technology keeps everything smooth, bright and clear. Each frame is individually controlled and its duration optimised, while brightness is boosted when needed, so you won't miss a thing.

Simple screen mirroring
Support for Chromecast built-in and Apple AirPlay2 makes it easy to stream AV content wirelessly from an Android or iOS device straight to BRAVIA.

Enhanced wireless connectivity
The FW-100BZ40J supports wireless connectivity via Wi-Fi 5GHz and 2.4GHz as well as Bluetooth 4.2.

Made for doing business
The FW-100BZ40J is designed for professional installations with a robust design, support for landscape, portrait or tilt orientation plus a rugged integral carry handle and cable clamper.

Developer friendly, easy integration
BRAVIA offers seamless support with leading automation and control platforms, while open APIs offer limitless integration opportunities with other vendor solutions.

Greater Peace of Mind

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Specifications

Display Features

Brightness (cd/m2)	Typ. 600 / Peak 940
Native Contrast Ratio	9000:1
Dynamic Contrast Ratio	600,000:1
Response Time (ms)	7
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	253cm

or 1st decimal)	
Display resolution (H x V, pixels)	3840 x 2160
Screen Size (inch, measured diagonally)	100" (99.5")
Viewing Angle (Right/Left/Up/Down)	178 (89/89) degree
Display Resolution	QFHD
Aspect Ratio	16:09

Professional Features

HDMI Auto Wake-up	Yes
Multicast/IPTV	Yes
Compatible with TDM Digital Signage/TEOS Solutions	Yes
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
Application Store	Yes (Google Play Store)

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 / 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	C18 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	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, 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	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	XR Processor
HDR (High Dynamic Range) compatiblity	Yes (HDR10, HLG, Dolby Vision)
Panel Refresh Rate (Native Hertz)	100Hz/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)	60.0 x 40.0 cm

Eco & Energy saving

EEA SDR RANK	G
Power Consumption (in Standby)	0.50W
Mercury Content (mg)	0
Power Saving Mode / Back Light Off Mode	Yes
Power Requirements (voltage)	AC 220-240V

Dimensions

Screen Size (inch, measured diagonally)	100" (99.5")
Screen Size for WEB (diagonal, cm, integer or 1st decimal)	253 cm
Dimension of Package Carton (W x H x D)	Approx. 244.0 x 157.7 x 37.8 cm

Weights (Approx.)

Weight of TV without Stand	Approx. 88.9 kg
TV with Stand (Standard position)	Approx. 92.6 kg
Weight of Package Carton (Gross)	Approx. 129 kg

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Standalone simple digital signage (Free)

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