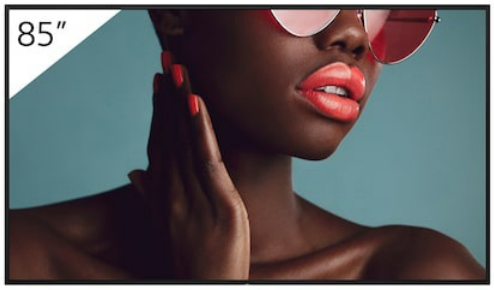
SONY

FW-85BZ40L

85” Exceptionally bright 4K HDR professional display with unique Deep Black Non-Glare technology



Overview

Superlative picture quality. Made for professionals.

Engineered to perform flawlessly in demanding retail, corporate and educational environments, the FW-85BZ40L is the truly professional display. It’s packed with Sony innovation – including latest Deep Black Non-Glare technology – for impressively bright, high-contrast 4K HDR images with sumptuous colours and exquisite detail. Pro-friendly features simplify integration, easy operation and seamless content sharing in today’s connected AV environments. And with generous customisation options, the FW-85BZ40L is the premium LED display that fits right in with your business needs.

Features

Deep Black Non-Glare

Featured exclusively on BRAVIA BZ40L, Sony’s Deep Black Non-Glare Coating combines anti-glare and low-reflection technologies. Reducing reflections and boosting contrast, it’s the key to dynamic visuals bursting with true-to-life colour and detail that inspire everyone, from corporate visitors and staff to shoppers and students.

Exquisite images that always stand out

Our 85” FW-85BZ40L grabs your audience’s attention with extremely high 650 nits screen brightness for punchy, high-impact

visuals that are always seen clearly. Advanced Sony picture processing technologies ensure your content looks its very best. The panel's extra-wide viewing angle ensures that everyone in the room can enjoy clear, bright images wherever they're positioned.

Richer, more natural colour
Sony's power-packed 4K HDR Processor X1 and TRILUMINOS Pro technology faithfully reproduces a phenomenal range of rich, true-to-life colours.

Finer detail
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.

Smoother movement
Motionflow XR ensures smoother, more natural reproduction of rapidly-moving on-screen images.

Installation flexibility to suit every environment
The sleek, minimal design of the FW-85BZ40L Series brings impeccable style to any business environment. The display's elegant lines are further enhanced by practical touches for seamless integration in retail stores, colleges and corporate workspaces.

Wall-Mount Adjuster
BRAVIA comes supplied with a Wall-Mount Adjuster, giving extra flexibility for mounting the display centrally in portrait or landscape orientation.

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

Discreet Logo
The Sony logo is discreetly positioned on the edge of the display's bezel – with nothing distracting your audience from immersive images.

Landscape, Portratint and Tilt
Install BRAVIA in portrait or landscape orientation to suit any corporate or retail space. The display can also be tilted at an angle for even greater flexibility.

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

Special settings for professional use
Pro Settings mode makes doing business even easier, allowing you to customise BRAVIA settings and operating modes to suit the demands of corporate or retail environments. Disable input or remote control functions, schedule on/off times, remove labels and block buttons to avoid tampering when the screen's being used in public spaces. Customise and store display settings, then copy them easily from display to display via USB flash memory.

Get great pictures fast
Forget fiddling with display settings – focus on getting amazing results without fuss. One Step Setting offers presets tuned to your environment including meeting room, vivid signage, natural signage and graphics. Just pick a preset: BRAVIA instantly configures picture mode, input, control settings and more.

Easy multi-screen setup
Configuring multiple screens for large display applications is easier than ever. The Multi Display Setting (MDS) app helps you create stunning video walls with multiple BRAVIA displays 'tiled' together.

Easy integration

FW-85BZ40L 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.

Large 32GB internal storage

The internal memory on some other displays is eaten up by the operating system, leaving little space for your own apps and content. FW-85BZ40L doubles internal storage from 16GB to a generous 32GB – giving loads more room on board to hold apps, photos, videos and digital signage.

Signage made simple

Informing and guiding visitors with digital signage in retail stores and corporate spaces has never been simpler. Built-in support for HTML5 makes it easy to display interactive signage content on BRAVIA without the need for a dedicated set-top box, media player or PC. On-board BRAVIA Signage Free (BSF) software automatically plays out HTML content, video and photos when a USB stick memory is slipped into BRAVIA. It's that simple.

Wireless screen mirroring

Easily mirror content wirelessly from handheld device onto BRAVIA with in-built support for Apple AirPlay and Google Chromecast.

Meet more easily

Get Google Meet from Google Play Store, and pair BRAVIA with a compatible webcam for easy video meetings.

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 realizing efficiency gains from product development right through to customers viewing screens.

Specifications

General Features	
Screen Size	85“
Brightness (cd/m^2)	650
Contrast Ratio	6000:1
Dynamic Contrast Ratio	500,000:1
Response Time (ms)	15.9
Display Resolution (H x V, pixels)	3840 x 2160
HDR (High Dynamic Range) Compatibility	Yes (HDR10,HLG,Dolby Vision)
Aspect Ratio	16:9
Portrait/Tilt Compatibility	Yes

Display Features	
Dimming Type	Frame Dimming
Display Device	LCD
Panel Type	VA

Backlight Type	Direct LED
TRILUMINOS Display	TRILUMINOS PRO
Colour Gamut (DCI-P3)	92%
Picture Processor	4K HDR Processor X1
Operation Time	24/7
Deep Black Non-Glare Coating	Yes
Haze (%)	58%
Viewing Angle (Right/Left)	178 (89 / 89) degree (CR >10)
Viewing Angle (Up/Down)	178 (89 / 89) degree (CR >10)

Video Specification

Video Processing	4K X-Reality PRO
Motion Enhancer	Motionflow XR 240 (Native 60Hz)
HDMI Signal	4096x2160p(24,60Hz), 3840x2160p(24,30,60Hz), 1080p(24,30,60Hz), 1080i(60Hz), 720p(24,30,60Hz),

	480p

Audio Specification

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

Professional Features

Pro Mode	Yes
HDMI Auto Wake-Up	Yes
HTML5 Platform	Yes
Multicast/IPTV	Yes
Operating System	Android TV
On-board Storage (GB)	32GB

Network Specification

Wi-Fi Direct	Yes
Wi-Fi Certified	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
On Screen Clock	Yes
Sleep Timer	Yes
On/Off Timer	Yes
Chromecast Built-In	Yes
Apple AirPlay	Yes

Control Specifications

IP Control	Yes
RS-232C Control	Yes
HDMI-CEC	Yes

Inputs and Outputs

HDCP	HDCP2.3 (for HDMI1/2/3/4)
Composite Video Input (s)	1 (Side, Mini jack)
HDMI Inputs Total	4 (4 Side)
Analog Audio Input (s) (Total)	1 (Side Analog Conversion)
Digital Audio Output (s)	1 (Side)
USB Ports	2 (Side)
Ethernet Inputs	1 (Side)

Design Features

VESA® Hole Pitch (W x H)	400 x 400 mm / 15 3/4 x 15 3/4 inch

Environment Specifications

Rated Power Consumption	373 W
Power Consumption (in Standby)	0.5 W

Dynamic Backlight Control	Yes
Power Saving Mode	Yes
Power Consumption (Networked Standby) (for Saudi Arabia only)	2.00 W (Wi-Fi) / 2.00 W (Ethernet) / 2.00 W (HDMI)
Power Consumption (Off Mode) (for Saudi Arabia only)	Not applicable
Standby Mode Activated (Default) (for Saudi Arabia only)	Within 4 hours
Power Consumption (in standby with all network ports connected) (for Saudi Arabia only)	Less than 5.00 W
Wireless Network(s) On / Off Switch (Energy) (for Saudi Arabia only)	To turn on / off Wi-Fi, press HOME / MENU button on the remote control, then select [Settings] - [Network and Internet] - [Wi-Fi].

Measurements

Dimension of TV without Stand (W x H x D)	1899 x 1089 x 71 mm / 74 7/8 x 42 7/8 x 2 7/8 inch
Dimension of Package Carton (W x H x D)	2036 x 1239 x 258 mm / 80 1/4 x 48 7/8 x 10 1/4 inch

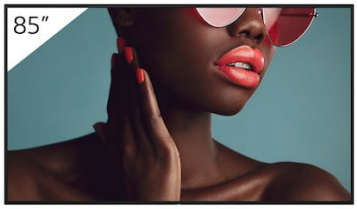
Weight

Weight of TV without Stand	44.5 kg / 98.1 lb
Weight of Package Carton (Gross)	62 kg / 136.6lb.

Accessories

Wall-Mount Adjuster (Bundled)	Yes (Depending on Region)
Table-Top Stand (Optional)	No stand

Gallery



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