

## FW-85BZ40H

85" BRAVIA 4K Ultra HD HDR  
Professional Display



### Overview

#### **Present a better image for your business**

Optimised for professional use, the slim, energy-efficient BRAVIA FW-85BZ40H 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.

The BRAVIA FW-85BZ40H is designed for dependable 24/7 operation in 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 improved processing speeds allow apps and animation to run smoothly and efficiently alongside a stress-free user interface for easy operation.

Creating attractive digital signage is simple, mixing and displaying media files and online content with no need for additional hardware. The display's Android platform broadens control and customisation options, while a wide range of API (Application Programming Interface) options enable remote control/monitoring and integration with external systems.

## Features

### **4K image resolution (3840 x 2160 pixels)**

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.

### **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 on your Android or iOS device screen and instantly enjoy 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-85BZ40H 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 VESA-standard mounting for easy integration into a wide range of environments.

## Specifications

### Display Features

|                                      |                               |
|--------------------------------------|-------------------------------|
| Dimming Type                         | Local Dimming                 |
| Display Device                       | LCD                           |
| Backlight Type                       | Direct (Full Array LED)       |
| Brightness (cd/m <sup>2</sup> ) (*1) | 620 (Peak Brightness: 850 *1) |
| Contrast Ratio (*1)                  | 4000:1                        |
| Dynamic Contrast Ratio               | 600000:1                      |
| Response Time (ms) (*1)              | 6                             |

### Video Specs

|           |                                         |
|-----------|-----------------------------------------|
| Wide Mode | Auto / Wide Zoom / Normal / Full / Zoom |
|-----------|-----------------------------------------|

|                     |                                                                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 4:3 Default         | Yes                                                                                                                                       |
| Video Processing    | 4K X-Reality PRO                                                                                                                          |
| Motionflow          | X-Motion Clarity, Auto mode                                                                                                               |
| Compatible with HDR | Yes (HDR10, HLG, Dolby Vision)                                                                                                            |
| Video Signal        | 4096 x 2160p (24,60Hz),<br>3840 x 2160p (24,30,60Hz),<br>1080p (30,60,120Hz),<br>1080/24p, 1080i (60Hz), 720p<br>(30,60Hz), 720/24p, 480p |

## Audio Specs

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

## Network Specs

|                             |                                            |
|-----------------------------|--------------------------------------------|
| Wi-Fi direct                | Yes                                        |
| Wi-Fi Certified             | Yes                                        |
| DLNA                        | Home Network Client, Home Network Renderer |
| Miracast (screen mirroring) | Yes (in Pro mode)                          |
| Firmware Update             | Yes                                        |
| Wireless LAN                | Integrated                                 |

## Convenience Features

|                        |                                                                                                                                                                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USB Play<br>(contents) | MPEG1:MPEG1 /<br>MPEG2PS:MPEG2 / MPEG2TS<br>(HDV,AVCHD):MPEG2,AVC / MP4<br>(XAVCS):AVC,MPEG4,HEVC /<br>AVI:Xvid,MotionJpeg / ASF<br>(WMV):VC1 /<br>MOV:AVC,MPEG4,MotionJpeg /<br>MKV:Xvid,AVC,MPEG4,VP8.HEVC<br>/ WEBM:VP8 / 3GPP:MPEG4,AVC<br>/ MP3 / ASF (WMA) / LPCM / WAV<br>/ MP4AAC / FLAC / JPEG |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                 |     |
|-----------------|-----|
| On Screen Clock | Yes |
|-----------------|-----|

|             |     |
|-------------|-----|
| Sleep Timer | Yes |
|-------------|-----|

|              |     |
|--------------|-----|
| On/Off Timer | Yes |
|--------------|-----|

|                        |     |
|------------------------|-----|
| Chromecast<br>Built-in | Yes |
|------------------------|-----|

|               |     |
|---------------|-----|
| Apple AirPlay | Yes |
|---------------|-----|

## Inputs and Outputs

|      |                                   |
|------|-----------------------------------|
| HDCP | HDCP 2.3 (for HDMI 1 / 2 / 3 / 4) |
|------|-----------------------------------|

|                             |          |
|-----------------------------|----------|
| Composite Video<br>Input(s) | 1 (Side) |
|-----------------------------|----------|

|                                   |            |
|-----------------------------------|------------|
| HDMI™<br>Connection(s)<br>(Total) | 4 (4 Side) |
|-----------------------------------|------------|

Analog Audio

|                  |          |
|------------------|----------|
| Input(s) (Total) | 1 (Side) |
|------------------|----------|

|                         |          |
|-------------------------|----------|
| Digital Audio Output(s) | 1 (Side) |
|-------------------------|----------|

|     |          |
|-----|----------|
| USB | 2 (Side) |
|-----|----------|

|                        |          |
|------------------------|----------|
| Ethernet Connection(s) | 1 (Side) |
|------------------------|----------|

## Design Features

|             |       |
|-------------|-------|
| Bezel Color | Black |
|-------------|-------|

|                 |                              |
|-----------------|------------------------------|
| Table Top Stand | Separate (assembly required) |
|-----------------|------------------------------|

|                               |     |
|-------------------------------|-----|
| VESA® Hole Spacing Compatible | Yes |
|-------------------------------|-----|

|                  |                 |
|------------------|-----------------|
| VESA® Hole Pitch | 400 mm x 400 mm |
|------------------|-----------------|

## Eco and Energy Saving

|                                   |             |
|-----------------------------------|-------------|
| Screen Size (measured diagonally) | 85" (84.6") |
|-----------------------------------|-------------|

|                                      |      |
|--------------------------------------|------|
| Power Consumption (Rated / Standard) | 318W |
|--------------------------------------|------|

|                                |       |
|--------------------------------|-------|
| Power Consumption (in Standby) | 0.50W |
|--------------------------------|-------|

|              |     |
|--------------|-----|
| Lead content | Yes |
|--------------|-----|

|                                         |                              |
|-----------------------------------------|------------------------------|
| Mercury content (mg)                    | 0,0                          |
| Power Requirements                      | AC220-240V<br>Taiwan: AC110V |
| Power Saving Mode / Back Light Off Mode | Yes                          |
| Dynamic Backlight Control               | Yes                          |
| Light Sensor                            | Yes                          |
| AC Power Input                          | C8 INLET (REAR)              |

## Measurements

|                                          |                      |
|------------------------------------------|----------------------|
| Display Only (W x H x D) (Approx.)       | 1899 x 1089 x 72 mm  |
| Display with Stand (W x H x D) (Approx.) | 1899 x 1162 x 441 mm |
| Package Carton (W x H x D) (Approx.)     | 2038 x 1235 x 260 mm |

## Weight

|                    |         |
|--------------------|---------|
| Display Only       | 45.8 kg |
| Display with Stand | 47.7 kg |
| Package Carton     | 62 kg   |



## Display Specifications

|                            |                    |
|----------------------------|--------------------|
| Viewing angle (Right/Left) | 178 (89/89) degree |
|----------------------------|--------------------|

|                         |                    |
|-------------------------|--------------------|
| Viewing angle (Up/Down) | 178 (89/89) degree |
|-------------------------|--------------------|

|                    |      |
|--------------------|------|
| Display Resolution | QFHD |
|--------------------|------|

|              |      |
|--------------|------|
| Aspect Ratio | 16:9 |
|--------------|------|

|    |                 |
|----|-----------------|
| OS | Android 9.0 Pie |
|----|-----------------|

## Signage Specs

|                             |     |
|-----------------------------|-----|
| Easy HTML5 Signage Embedded | Yes |
|-----------------------------|-----|

|                  |     |
|------------------|-----|
| Multicast / IPTV | Yes |
|------------------|-----|

## Control Specs

|                 |          |
|-----------------|----------|
| RS-232C Control | 1 (Side) |
|-----------------|----------|

|          |     |
|----------|-----|
| Pro Mode | Yes |
|----------|-----|

|            |     |
|------------|-----|
| IP Control | Yes |
|------------|-----|

|                   |     |
|-------------------|-----|
| HDMI Auto Wake-up | Yes |
|-------------------|-----|

## Notes

|    |                                          |
|----|------------------------------------------|
| *1 | Typical value of the panel specification |
|----|------------------------------------------|



## Gallery

