

## FWD-85X85G/T

85" BRAVIA 4K Ultra HD, HDR,  
LED Professional Display



### Overview

#### **Impressive 4K HDR images and powerful sound plus slim, sleek styling**

Add presence to all your visual communication with the FWD-85X85G/T 85" BRAVIA Professional Display that combines bright, beautiful 4K HDR image quality with easy operation, flexible networking/control and extensive integration options.

Optimised for professional applications, the BRAVIA FWD-85X85G/T features Sony's advanced 4K HDR Processor X1 for richly coloured, high-contrast 4K HDR images, while 4K X-Reality PRO upscales lower-resolution images closer to true 4K quality.

The display's clean, minimal design keeps your audience focused on what really matters. And Sony's Acoustic Multi-Audio™ system and Sound-from-Picture Reality™ ensures an immersive audio-visual experience.

With advanced control, Pro Mode, optional interactive compatibility and an embedded HTML5 platform, it makes it easy to create attractive digital signage so you always present a clear image.

Enrich your audience's display experience with seamless TEOS integration and a choice of built-in solutions to add extra

functionality, from meeting room support to automation, with no need for any external devices or players.

For even greater peace of mind there's the added reassurance of our 3 Year Advanced Exchange PrimeSupport service. If there's a problem with your display, we'll offer a free, brand new replacement product rather than repair included as standard. You can also choose to extend your service by 2 additional years.

## 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.

### **Beautifully realistic 4K HDR images**

Our 4K HDR Processor X1™ features Object-based HDR remaster, Super Bit Mapping HDR and Dynamic Contrast Enhancer. You'll appreciate the difference with enhanced depth, more realistic textures and pure, natural colours at higher brightness levels.

### **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.

### **More colour with TRILUMINOS Display**

TRILUMINOS Display maps colours from a wider palette, faithfully reproducing a world of richer, more lifelike hues and tones.

### **Smoother movement**

Motionflow XR inserts additional picture frames between the originals, ensuring smoother, sharper detail in fast-moving sequences.

### **Optimised for professional use**

The FWD-85X85G/T meets the needs of today's business and

educational environments, with flexible installation options plus wired or wireless network connection and serial communication control.

## **TEOS integration**

BRAVIA integrates seamlessly with TEOS, Sony's suite of workspace management applications that orchestrate control of devices and content in boardrooms, meeting areas and public spaces.

## **Easily create digital signage**

Integrated support for HTML5 makes it easy to produce compelling digital signage, with no extra hardware or prior training needed. Combine graphics, text, 4K video and live web content to create attractive signage in minutes.

## **Pictures and sound in perfect harmony**

Sony's Acoustic Multi-Audio™ system combines two sound positioning tweeters in the rear of the display with the bass reflex speakers for Sound-from-Picture Reality™. Action and sound are precisely aligned for even more immersive viewing.

## **Do more with Android TV**

Discover a world of apps and online content powered by Android TV. Use Voice Search to find content easily with no typing.

## **Flexible mounting and installation**

BRAVIA Professional Displays offer flexible mounting options with VESA standard mounting for easy integration into a wide range of environments.

## **Quick set-up with Pro Mode**

Customise and store display settings and features, then copy them easily to multiple displays via USB flash memory.

## **Greater peace of mind**

There's extra reassurance with our 3 Year Advanced Exchange PrimeSupport service that's included as standard. If there's a fault with your BRAVIA Professional Display, we'll provide a replacement unit at no extra charge to keep you up and running.

## Specifications

### TV System

|                                 |          |
|---------------------------------|----------|
| TV System (Digital Terrestrial) | DVB-T/T2 |
|---------------------------------|----------|

|                           |       |
|---------------------------|-------|
| TV System (Digital Cable) | DVB-C |
|---------------------------|-------|

|                         |          |
|-------------------------|----------|
| TV System (Digital Sat) | DVB-S/S2 |
|-------------------------|----------|

|                                      |                          |
|--------------------------------------|--------------------------|
| Number of Tuners (Terrestrial/Cable) | 2 (Digital) / 1 (Analog) |
|--------------------------------------|--------------------------|

|                        |   |
|------------------------|---|
| Number of Tuners (Sat) | 2 |
|------------------------|---|

### Display features

|              |               |
|--------------|---------------|
| Dimming type | Frame Dimming |
|--------------|---------------|

|                |     |
|----------------|-----|
| Display device | LCD |
|----------------|-----|

|                |            |
|----------------|------------|
| Backlight type | Direct LED |
|----------------|------------|

|                         |     |
|-------------------------|-----|
| Brightness (cd/m2) (*1) | 620 |
|-------------------------|-----|

|                         |          |
|-------------------------|----------|
| Contrast Ratio (*1)     | 4000:1   |
| Dynamic Contrast Ratio  | 550000:1 |
| Response Time (ms) (*1) | 5        |

## Video specs

|                     |  |
|---------------------|--|
| Wide Mode           | Wide zoom / Normal / Full / Zoom / 14:9  |
| 4:3 Default         | Yes  |
| Video Processing    | 4K X-Reality PRO   |
| Motionflow          | Motionflow XR 1000Hz (Native 100Hz), Auto mode   |
| Compatible with HDR | Yes (HDR10, HLG, Dolby Vision)   |
| Video Signal        | 4096 x 2160p (24,50,60Hz), 3840 x 2160p (24, 25, 30, 50, 60 Hz), 1080p (30, 50, 60 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (30, 50, 60 Hz), 720/24p, 576p, 480p |

## Audio specs

|                  |                         |
|------------------|-------------------------|
| Speaker position | Side Back + Down Firing |
|------------------|-------------------------|

Audio Power Output 10 W + 10 W

## Network specs

Wi-Fi direct Yes

Wi-Fi Certified Yes

DLNA Home Network Client, Home Network Renderer

Miracast (screen mirroring) Yes

Firmware update Yes

Internet Browser Vewd

Wireless LAN Integrated

## Convenience features

USB Play (contents) 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) / WAV / MP4AAC / FLAC /

|                 |      |
|-----------------|------|
|                 | JPEG |
| On screen clock | Yes  |
| Sleep timer     | Yes  |
| On/Off timer    | Yes  |
| Google Cast     | Yes  |

## Professional Features

|  |  |
|--|--|
| Professional Hidden Mode                           | Yes  |
| HDMI auto wake-up                                  | Yes  |
| HTML platform                                      | Yes  |
| Multicast / IPTV                                   | Yes  |
| Compatible with TEOS Workplace Management Solution | Yes  |
| Available storage                                  | 16 GB  |
| Compatible TEOS Content                            | Customised design, text, pictures, videos, YouTube, traffic, weather, public information, Facebook, Twitter, PowerPoint and more |

## Inputs and outputs

|  |  |
|--|--|
| HDCP                                   | HDCP 2.3 (for HDMI 1 / 2 / 3 / 4)            |
| RF Connection Input(s)                 | 1 (Side)                                     |
| Composite Video Input(s)               | 1 (Rear)                                     |
| Component Video (Y / Pb / Pr) Input(s) | 1 (Rear / Hybrid with Composite Video Input) |
| HDMI™ Connection(s) (Total)            | 4 (3 Side, 1 Rear)                           |
| Digital Audio Output(s)                | 1 (Rear)                                     |
| USB                                    | 3 (Side)                                     |
| Ethernet Connection(s)                 | 1 (Side)                                     |

## Design features

|                               |                              |
|-------------------------------|------------------------------|
| Finish (Surface Color)        | Black                        |
| Table Top Stand               | Separate (assembly required) |
| VESA® Hole Spacing Compatible | Yes                          |
| VESA® Hole Pitch              | 40.0 x 40.0 cm               |



## Eco and energy saving

|  |  |
|--|--|
| Energy Label Rating                        | A  |
| Screen size (measured diagonally)          | 85" (84.6")  |
| Power Consumption                          | Standard: 216 W                                    |
| Annual Power Consumption                   | 300 kWh / Year                                     |
| Power Consumption (in Standby)             | 0.50 W   |
| Power Consumption (networked standby mode) | 2.00 W (Wi-Fi) / 2.00 W (LAN) / 1.00 W (Bluetooth) |
| Peak Luminance Ratio                       | 69%  |
| Lead content                               | Yes  |
| Mercury content (mg)                       | 0.0  |
| Power Requirements                         | AC 220-240 V                                       |
| Power Saving Mode / Back Light Off Mode    | Yes  |
| Dynamic Backlight Control                  | Yes  |
| Light Sensor                               | Yes  |

|                |          |
|----------------|----------|
| AC Power Input | 1 (REAR) |
|----------------|----------|

## Measurements

|                                    |                                       |
|------------------------------------|---------------------------------------|
| Display Only (W x H x D) (Approx.) | Approx. 190.9 x 109.7 x 8.0 (1.45) cm |
|------------------------------------|---------------------------------------|

|  |                                 |
|--|---------------------------------|
| Display with Stand (W x H x D) (Approx.) | Approx. 190.9 x 117.5 x 43.3 cm |
|--|---------------------------------|

|                                      |                                 |
|--------------------------------------|---------------------------------|
| Package Carton (W x H x D) (Approx.) | Approx. 204.5 x 123.2 x 28.4 cm |
|--------------------------------------|---------------------------------|

## Weight

|              |         |
|--------------|---------|
| Display Only | 46.5 kg |
|--------------|---------|

|                    |       |
|--------------------|-------|
| Display with Stand | 49 kg |
|--------------------|-------|

|                |       |
|----------------|-------|
| Package Carton | 64 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 8.0 Oreo |
|----|------------------|

## Signage specs

|                             |     |
|-----------------------------|-----|
| Easy HTML5 Signage embedded | Yes |
|-----------------------------|-----|

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

## Control specs

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

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

|                   |     |
|-------------------|-----|
| HDMI auto wake-up | Yes |
|-------------------|-----|

## PrimeSupport

|                       |   |
|-----------------------|---|
| Included PrimeSupport | 3 years of Standard helpdesk (Mon-Fri 9:00-18:00 CET) and Advanced Replacement service in case of product fault with all logistics covered. |
|-----------------------|---|

|                                  |   |
|----------------------------------|---|
| Optional PrimeSupport Extensions | Optional 2-year support extension available: PSP.FW8G-85.2X |
|----------------------------------|---|

## Notes

(\*1) Typical value of the panel spec.

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## Gallery

