FWD-55X85G/T

55" 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-55X85G/T 55" 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-55X85G/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 warranty. 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 warranty for 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-55X85G/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 Warranty 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

Tuner	DVB-T/T2
Tuner (Cable)	DVB-C
Number of tuners	2 (Digital) / 1 (Analog)

Display features

	Frame Dimming

Dimming type

Display device	LCD
Backlight type	Edge LED
Brightness (cd/m2) (*1)	620
Contrast Ratio (*1)	1400:1
Dynamic Contrast Ratio	550000:1
Response Time (ms)(*1)	5:1

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 mirorring)	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, MotinJpeg / 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	30.0 x 20.0 cm

Eco and energy saving

Energy Label Rating	A
Screen size (measured diagonally)	55" (54.6")
Power Consumption (Rated / Standard)	Rated: 186 W / Standard: 111 W
Annual Power Consumption	154 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	87%
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. 123.1 x 71.3 x 5.2 (1.41) cm
Display with Stand (W x H x D) (Approx.)	Approx. 123.1 x 77.6 x 31.6 cm
Package Carton (W x H x D) (Approx.)	Approx. 133.2 x 81.7 x 15.8 cm

Weight

Display Only	18.7 kg
Display with Stand	19.7 kg

Package Carton	26 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

Service and Warranty

Standard Warranty	3 Years with Advanced Exchange
5 Years Warranty with Advanced Exchange (optional)	PSP.FW8G-55.2X

Notes

(*1)	Typical value of the panel spec.

Gallery