FWD-55X80H/T

55" BRAVIA 4K Ultra HD HDR Professional Display

Overview

Vivid, colourful 4K HDR pictures and sound that surrounds you

The BRAVIA FWD-55X80H/T brings you the clarity, colour and contrast of 4K plus rich multi-dimensional sound, framed in a slim, luxurious design.

Our power-packed X1 processor boosts image detail and cuts noise, bringing you spectacular 4K HDR images that bring you closer to reality. Even lower-resolution pictures are upscaled close to 4K resolution, bringing greater clarity to everything you're viewing or presenting.

Our BRAVIA Professional Displays surrounds you with pure sound that pulls you right into the scene. With Dolby Atmos, sound comes from above as well as from the sides so you can hear objects moving overhead with more realism for a truly multi-dimensional experience.

The FWD-55X80H/T blends harmoniously with any contemporary interior. The displays slim blade design is complemented by a narrow screen bezel that adds an extra touch of refinement.

The BRAVIA FWD-55X80H/T is ideally suited to professional use, with Pro mode allowing quick and easy customisation to suit different environments. Android TV lets you do more, with the display's intuitive built-in software platform broadening control and customisation options even further. Creating attractive digital signage is simple, mixing and displaying media files and online content with no need for additional hardware. A wide range of APIs (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.

More contrast, colour and clarity
Our 4K HDR Processor X1™ cleans and refines picture signals, using advanced algorithms to cut noise and boost detail. Even lower-resolution images are upscaled closer to 4K with lifelike colour and textures.

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. Powered by our X1 processor, TRILUMINOS Display maps colours from a wider palette,

faithfully reproducing a world of more vivid, lifelike hues and tones.

Wider colour with TRILUMINOS Display

Powered by our X1 processor, TRILUMINOS Display maps colours from a wider palette, faithfully reproducing a world of more vivid, lifelike hues and tones.

Less blur, even in fast scenes

Motionflow technology keeps on-screen movement smooth and clear by creating extra images between images and black segments between scenes. You'll see the difference with reduced blur more natural, flowing motion.

High quality sound that flows around you

X-Balanced Speaker technology (55" models and above) brings extra clarity to all videos and sound. Dolby Atmos creates an immersive soundstage that comes from above as well as from the sides, letting you hear objects moving overhead with even more realism.

Refined style to match your space

BRAVIA features a slim, contemporary blade design, with a narrow screen bezel that adds an extra touch of refinement to any interior.

Do more with Android TV

Discover a world of apps and online content powered by Android. Use Voice Search to find content easily without typing. Easily share content with Google Cast.

Works with Apple AirPlay

With Apple AirPlay 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.

Quick set-up with Pro Mode

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

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.

Versatile remote control

Control BRAVIA remotely – including on/off, input signal select and adjust volume – over IP via RJ45 by web API.

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.

Specifications

Display Features	
Brightness (cd/m²)	610
Native Contrast Ratio	1200:1

Dynamic Contrast Ratio	550000:1
Response Time (ms)	8
	IPS
Dimming Type	Frame Dimming
Display Device	LCD
Backlight Type	Direct LED
Bezel Size (Top, Side, Bottom)	15.0 / 15.0 / 18.5
Operation Time	18/7
Portrait Mode	Yes

Display Specifications

Screen Size for WEB (diagonal, cm, integer or 1st decimal)	139 cm
Backlight Type	Direct LED
Display Resolution (H x V, pixels)	3840 x 2160
Screen Size (inch, measured diagonally)	55" (54.6")
Viewing Angle (Right/Left)	178 (89/89) degree
Viewing Angle (Up/Down)	178 (89/89) degree
Display Resolution	QFHD
Aspect Ratio	16:09

Professional Features

Professional Hidden Mode	Yes
HDMI Auto Wake-Up	Yes
Multicast/ IPTV	Yes
Compatible with TDM Digital Signage / TEOS Solutions	Yes
Operating System	Android 9.0 Pie
On-board Storage (GB)	16GB

Display 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)	1 (Digital/Analog)
Number of Tuners (Sat)	1

Network Features

Wi-Fi Direct	Yes
Wi-Fi Certified	Yes
Screen Mirroring (Miracast™)	Yes (only for B2B purpose)
Apple AirPlay	Yes *1
Chromecast Built-in	Yes
Internet Browser	Vewd
Wireless LAN	Integrated

Convenience Features

USB Playback Codecs	MPEG1:MPEG1 / MPEG2PS:MPEG2 / MPEG2TS(HDV,AVCHD):MPEG2,AVC / M / WAV / MP4AAC / FLAC / JPEG
HDMI-CEC	Yes
i-Manual	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

Control Specs

IP Control	Yes
Pro Mode	Yes

Inputs & Outputs

HDMI Signal	4096 x 2160p (24,50,60 Hz), 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
HDCP	HDCP2.3 (for HDMI 1/2/3/4)
AC Power Input	C8 INLET(REAR)
RF (Terrestrial/Cable) Connection Input(s)	1 (Side)
IF (Satellite) Input(s)	1 (Side)
Composite Video Input(s)	1 (Side)
HDMI Inputs total	4 (4 Side)
USB Ports	2 (Side)
Ethernet Inputs	1 (Side)
PCMCIA Slot(s)	1 (Top)

Audio Specifications

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

Video Specifications

Wide Mode	Auto / Wide zoom / Normal / Full / Zoom / 14:9
4:3 Default	Yes
Video Processing	4K X-Reality PRO
Motion Enhancer	Motionflow XR 400Hz (Native 50Hz)
4K Processor	X1 4K HDR Processor
HDR (High Dynamic Range) Compatiblity	Yes (HDR10, HLG, Dolby Vision)
Panel Refresh Rate (Native Hertz)	50Hz

Design Features

Cable Management	Yes
Frame Colour	Black
Stand Design	Slim Blade Stand
VESA® Hole Spacing Compatible	Yes

VESA® Hole Pitch (W x H)	30.0 x 30.0 cm

Eco & Energy Saving

Energy Label Rating	A
On-mode Power Consumption	Standard: 114.0W
Standby Power Consumption	0.50W
Peak Luminance Ratio for EU	71%
Mercury Content (mg)	0.0
Power Saving Mode / Back Light Off Mode	Yes
Power Requirements (voltage)	AC 220-240V
Power Consumption (Networked Standby)	2.00W (Wi-Fi) / 2.00W (LAN) / 1.00W (Bluetooth)

Dimensions

Display Only (W x H x D)	Approx. 124.3 x 71.8 x 7.1 (1.6) cm
Display with Stand (W x H x D)	Approx. 124.3 x 78.2 x 34.0 cm

Weights (Approx.)

Display Only	Approx. 16 kg
Display with Stand	Approx. 16.8 kg
Package Carton (Gross)	Approx. 22 kg

Optional Accessories

Wallmount Bracket	SU-WL450 (Terminal access limitation, refer to SU-WL450 product page), SU-WL850(Refer to Country/Area Handling Chart)

Service and Warranty

Standard Warranty	3 Years with Advanced Exchange. 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.
PrimeSupport Reference	PSP.FDWXH8055.2X

Notes

Note	*1: Available via future firmware update, Internet required

Gallery