

FWD-55X70H/T

55" BRAVIA 4K Ultra HD HDR Professional Display



Overview

Smart and simple, with beautiful pictures and sound

Smart, stylish and simple, the BRAVIA FWD-55X70H/T brings you wonderfully clear 4K HDR pictures with crisp, natural sound to match.

Whatever you're displaying, 4K X-Reality PRO upscales images close to 4K resolution, sharpening details for remarkable clarity and realism. TRILUMINOS Display faithfully reproduces a wider colour palette, from vivid hues to the subtlest tones.

BRAVIA also creates a more natural soundtrack, with Clear Audio+ optimising sound and dialogue for greater clarity and separation.

Smart Plug and Play makes it easy to play videos, photos and sound from your smartphone or USB drive.

Blending elegantly into any space, BRAVIA features a slim blade design, complemented by a narrow screen bezel that keeps you focused on the picture, not the display itself.

The BRAVIA FWD-55X70H/T is ideally suited to professional use, with Pro mode allowing quick and easy customisation to suit different environments.

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.

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.

A clearer, more natural soundtrack

Clear Audio+ optimises sound so that all sound and dialogue have greater clarity and separation, bringing you a closer-to-the-real-world listening experience.

The smarter way to enjoy your smartphone

Enjoy content from a smartphone or USB drive in beautiful big-screen detail. Smart Plug and Play makes it easy to share videos, photos and music from multiple devices.

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.

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/m ²) | 393 |
| Native Contrast Ratio | 6000:1 |
| Dynamic Contrast Ratio | 350000:1 |
| Response Time (ms) | 12 |
| | VA |
| Dimming Type | Frame Dimming |
| Display Device | LCD |
| Backlight Type | Direct LED |
| Bezel Size (Top, Side, Bottom) | 13.5 x 13.5 x 17.8 |
| Operation Time | 18/7 |
| 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

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|---|-------|
| Professional Hidden Mode | Yes |
| HDMI Auto Wake-Up | No |
| Multicast/ IPTV | Yes |
| Compatible with TDM Digital Signage / TEOS Solutions* | Yes |
| Operating System | Linux |
| On-board Storage (GB) | 4GB |

Display System

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|--------------------------------------|--------------------|
| 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

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|------------------------------|------------|
| Wi-Fi Direct | Yes |
| Wi-Fi Certified | Yes |
| Screen Mirroring (Miracast™) | Yes |
| Internet Browser | VEWD |
| Firmware Update | Yes |
| Wireless LAN | Integrated |

Convenience Features

USB

Playback MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI(XVID) Codecs

HDMI-

| | |
|------------------|---|
| CEC | Yes |
| i-Manual | Yes |
| On Screen Clock | Yes |
| Sleep Timer | Yes |
| On/Off Timer | Yes |
| Display Language | BUL/CAT/CZE/DAN/GER/GRE/ENG/SPA/EST/FIN/FRE/HEB/HRV/HUN/ITA/KAZ |

Control Specs

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|------------|-------------|
| IP Control | Yes |
| Pro Mode | Yes (Basic) |

Inputs & Outputs

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|--|--|
| 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, 576i 480p, 480i |
| HDCP | HDCP2.3 (for HDMI 1/2/3) |
| AC Power Input | Pigtail (REAR) |
| RF (Terrestrial/Cable) Connection Input(s) | 1 (Side) |
| IF (Satellite) Input(s) | 1 (Side) |
| Composite Video Input(s) | 1 (Bottom) |
| HDMI Inputs Total | 3 (2 Side, 1 Rear) |
| Audio Output(s) | 1 (Rear / Hybrid with Headphone Out) |
| USB Ports | 3 (Side) |
| Ethernet Inputs | 1 (Bottom) |
| PCMCIA Slot(s) | 1 (Top) |

Audio Specifications

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|--------------------|-------------|
| Speaker Position | Down Firing |
| Audio Power Output | 10W + 10W |
| DSEE/DSEE-HX | DSEE |

Video Specifications

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|--|---|
| Wide Mode | Wide Zoom / Normal / Full / Zoom / 14:9 |
| 4:3 Default | Yes |
| Video Processing | 4K X-Reality PRO |
| Motion Enhancer | Motionflow XR 200Hz (Native 50Hz) |
| HDR (High Dynamic Range) Compatibility | Yes (HDR10, HLG) |
| Panel Refresh Rate (Native Hertz) | 50Hz |

Design Features

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|-------------------------------|------------------|
| Cable Management | Yes |
| Frame Color | Black |
| Stand Design | Slim Blade Stand |
| VESA® Hole Spacing Compatible | Yes |
| VESA® Hole Pitch (W x H) | 20.0 x 20.0 cm |

Eco & Energy Saving

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|---|-----------------------------|
| Energy Label Rating | A |
| On-mode Power Consumption | 110.0W |
| Standby Power Consumption | 0.50W |
| Peak Luminance Ratio for EU | 76% |
| 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) |

Dimensions

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|--------------------------------|--------------------------------------|
| Display Only (W x H x D) | Approx. 124.1 x 72.1 x 7.9 (1.07) cm |
| Display with Stand (W x H x D) | Approx. 124.1 x 78.1 x 34.0 cm |

Weights (Approx.)

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|------------------------|-----------------|
| Display Only | Approx. 15.4 Kg |
| Display with Stand | Approx. 16.3 Kg |
| Package Carton (Gross) | Approx. 24 kg |

Optional Accessories

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| Wallmount Bracket | SU-WL450 (Terminal access limitation, refer to SU-WL450 product page) |
|-------------------|---|

Service and Warranty

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|------------------------|---|
| 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.FDWXHL55.2X |

Notes

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| Note | * Requires TEP-X96 Player |
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Gallery

