

SONY

FWD55X81CH

55" LED, 4K HDR, Pro Display w/Tuner



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

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.

Works with Apple AirPlay

With Apple AirPlay it's easy to stream video and sound to BRAVIA right from an iPhone, iPad or Mac.

Quick set-up with Pro Mode

Customize 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.

More contrast, color 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 color and textures.

Wider color with TRILUMINOS Display

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Powered by our X1 processor, TRILUMINOS Display maps colors 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 and more natural, flowing motion.

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.

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.

Specification

Audio Specs	
Speaker Configuration	Full Range (Bass Reflex) (1.38 x 3.35 in) x2
Speaker Position	Down Firing
Channel	2 ch
Speaker Type	Bass Reflex Speaker
Speaker Type-2	X-Balanced Speaker
Audio Power Output	10W + 10W
Control specs	
Pro Mode	Yes
IP control	Yes
HDMI out wake-up	Yes
HDR (High Dynamic Range) compatibility	Yes (HDR10, HLG, Dolby Vision)
Power Saving Mode / Back Light Off Mode	Yes
Auto Shut-off	Yes

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Audio Power Output	10W + 10W
Auto Surround	Yes
S-Master	S-Master Digital Amplifier
Dolby audio format support	Dolby Audio, Dolby Atmos
Dolby Atmos	Yes
DTS audio format support	DTS Digital Surround
Advanced Auto Volume	Yes
Bass/Treble/Balance	Balance
Digital audio out (Optical) format	Two channel linear PCM: 48 kHz 16 bits, Dolby Audio, DTS
ARC output format	Two channel linear PCM: 48 kHz 16 bits, Dolby Audio, Dolby Atmos, DTS
Clear Phase	Yes
Show/Hide Channels	Yes (Digital & Analog)
Channel Block (with password)	Yes (Analog & Digital)
Hotel Mode Menu	Yes
Electronic Program Guide (EPG)	Yes
Related Info	Yes (US / Canada / MX (STB))
Home Network Feature	Home Network Client, Home Network Renderer
Parental Control	Yes
Closed Captions (Analog)	Closed Caption
Closed Captions (Digital)	Closed Caption
Auto Calibration with CalMAN	Yes
Screen Reader	Yes
Audio Description	Yes
Text Magnification	Yes
Accessibility Shortcut	Yes
Switch Access	Yes
4K 60P High-Quality formats	HDMI IN1, IN2, IN3, IN4 ports for 4K (up to 18 Gbps) signal
Cable Management	Yes

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HDMI PC Input Format	640 x 480 (31.5 kHz, 60 Hz), 800 x 600 (37.9 kHz, 60 Hz), 1024 x 768 (48.4 kHz, 60 Hz), 1280 x 1024 (64.0 kHz, 60 Hz), 1152 x 864 (67.5 kHz, 75 Hz), 1600 x 900 (55.9 kHz, 60 Hz), 1680 x 1050 (65.3 kHz, 60 Hz), 1920 x 1080 (67.5 kHz, 60 Hz), 3840 x 2160p (30 Hz), 3840 x 2160p (60 Hz, 8 bits)
HDMI Signal	4096 x 2160p (24, 60 Hz), 3840 x 2160p (24, 30, 60 Hz), 1080p (30, 60 Hz), 1080/24p, 1080i (60 Hz), 720p (30, 60 Hz), 720/24p, 480p
Picture modes	Vivid, Standard, Cinema, Game, Graphics, Photo, Custom, Dolby Vision Bright, Dolby Vision Dark
Video Processing	4K X-Reality PRO
Blinking Type	Frame Blinking
Live Color™ Technology	Yes
TRILUMINOS Display	Yes
Object-based HDR remaster	Yes
i-Manual	Yes
AC Power Cord Spec	(C7L) (US) (2-pin) (flat blades)
AC Cable Length	62.99 in
Convenience Features	
USB playback codecs	MPEG1: MPEG1/MPEG2PS: MPEG2/MPEG2TS (HDV, AVCHD): MPEG2, AVC/MP4 (XAVC S): 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)/LPCM/WAV/MP4AAC/FLAC/JPEG/WEBM: VP9/AC4/ogg/AAC/ARW (Screen nail only)
USB drive format support	Yes (Supported File System: FAT16/FAT32/exFAT/NTFS)
Voice Search	Yes
Application Store	Yes (Google Play Store)
On Screen Clock	Yes
Sleep Timer	Yes
On/Off Timer	Yes

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Display Language	AFR, AMH, ARA, ASM, AZE, BEL, BUL, BEN, BOS, CAT, CZE, DAN, DEU, GRE, ENG, SPA, EST, BAQ, PER, FIN, FRA, GLG, GUJ, HIN, HRV, HUN, IND, ISL, ITA, HEB, JPN, KAZ, KAN, KOR, KIR, LAO, LIT, LAV, MAC, MAL, MON, MAR, MAY, BUR, NOB, NEP, NLD, ORI, PAN, POL, POR, RUM, RUS, SOL, SLV, ALB, SRP, SWE, SWA, TAM, TEL, THA, TGL, TUR, UKR, URD, UZB, VIE, zh_CN, zh_HK, zh_TW, ZUL
On-board Storage (GB)	16GB
Text Input Language	ENG / FRA / GER / HEB / ITA / RUS / SPA / VIE / JPN
Operating Instructions	US, FR
Quick Setup Guide / Supplement CUE (GA)	US, FR, ES, PT
Codec for Home Network	MPEG1: MPEG1/MPEG2PS: MPEG2/MPEG2TS (HDV, AVCHD): MPEG2, AVC/MP4 (XAVC S): 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)/LPCM/WAV/MP4AAC/FLAC/JPEG/WEBM: VP9/AC4/ogg/AAC/ARW (Screen nail only)
Design Features	
Bezel Design	Narrow Bezel
Frame color	Black
Table Top Stand	Separate(assembly required)
VESA® Hole Spacing Compatible	Yes
Stand Design	Slim Blade Stand
Stand Color	Silver
VESA® Hole Pitch (W x H)	300 x 300 mm/11 7/8 x 11 7/8 inch
Display Features	
Display type	LCD
Backlight type	Direct LED
Backlight dimming type	Frame Dimming
Panel Refresh Rate (Native Hertz)	60 Hz
PhotoTV HD / BRAVIA for China	Yes
Auto Picture Mode	Yes

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Color Space	sRGB/BT709, BT2020, AdobeRGB, DCI
Color System	NTSC
Demo Mode	Yes (e-POP only)
4K Processor	4K HDR Processor X1
Display specifications	
Viewing Angle (Right/Left)	178(89/89) degree
Viewing Angle (Up/Down)	178(89/89) degree
Display Resolution	QFHD
Display resolution (H x V, pixels)	3840 x 2160
Aspect Ratio	16:9
Operating System	Android 9.0 Pie
Eco and Energy Saving	
Screen Size (inch, measured diagonally)	55"(54.6")
Screen Size for WEB (diagonal, cm, integer or 1st decimal)	54.72 in
Rated Power Consumption	196 W
Power Consumption (in Standby)	0.5 W
Annual Power Consumption	161 kWh/Year
Power Requirements (voltage)	AC 120V for UL cUL AC 110-240V for other
Power Requirements (frequency)	60 Hz for UL cUL 50/60 Hz for other
Power Saving Mode / Back Light Off Mode	Yes
Dynamic Backlight Control	Yes
Dynamic Contrast Enhancer	Yes
Sensor	Light
AC Power Input	C8 INLET (REAR)
Inputs and Outputs	
HDCP	HDCP2.3 (for HDMI 1/2/3/4)

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RF (Terrestrial/Cable) Connection Input(s)	1(Side)
Composite Video Input(s)	1(Side)
HDMI inputs total	4 (4Side)
Analog Audio Input(s) (Total)	1 (Side Analog Conversion)
Digital Audio Output(s)	1(Side)
Headphone Output(s)	1(Side)
USB ports	2(Side)
Ethernet inputs	1(Side)
RS-232C Input(s)	1(Side)
RS-232C Control	Yes
Video & TV SideView (iOS/Android)	Yes
Chromecast built-in	Yes
Apple AirPlay	Yes
Apple HomeKit	Yes
HDMI Audio Return Channel (ARC)	Yes
HDMI-CEC	Yes
Measurements	
Dimension of TV without Stand (W x H x D)	48.93 x 28.27 x 2.80 (0.63) in
Dimension of TV with Stand (W x H x D)	48.93 x 30.79 x 13.39 in
Dimension of Package Carton (W x H x D)	53.07 x 32.8 x 6.3 inch
Stand Width	38.54 in
Network specs	
Wi-Fi Direct	Yes
Wi-Fi Certified	Yes
Screen mirroring (Miracast™)	Yes (only for B2B purpose)
Internet Browser	Vewd (not pre-installed)

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Wireless LAN	Integrated
Wi-Fi Standard	a/b/g/n/ac
Wi-Fi Frequency	2.4 Ghz/5 GHz (for Wi-Fi Direct: 2.4 GHz Only)
Bluetooth profile support	Version 4.2
Bluetooth profile support	HID/HOGP/SPP
TV System	
Tuner Channel Coverage (Analog)	(Analog)VHF: 2–13/UHF: 14–69/CATV: 1–135
Tuner Channel Coverage (Digital Terrestrial)	VHF: 2–13/UHF: 14–69
Tuner Channel Coverage (Digital Cable)	CATV: 1–135
Number of Tuners (Terrestrial/Cable)	1(Digital/Analog)
TV System (Analog)	M
Voice Remote Control	RMF-TX500U
Batteries	LR03
TV System (Digital Terrestrial)	ATSC
TV System (Digital Cable)	Clear QAM
Auto Mute (on no signal)	Yes (Audio only)
Video Specs	
Auto Wide	Yes
Wide Mode	Auto/Wide Zoom/Normal/Full/Zoom Normal/Full1/Full2 for PC
4:3 Default	Yes
Video Processing	4K X-Reality PRO
Motion enhancer	Motionflow XR 240 (Native 60Hz)
CineMotion/Film Mode/Cinema Drive	Yes
24p True Cinema	Yes
Weight	
Weight of TV without Stand	35.27 lb

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Weight of TV with Stand	37 lb 0.6 oz
Weight of Package Carton (Gross)	22 kg
Max Qty of carton stacking (vertical)	6

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