

SONY

FWD-55X850D

55" Pro BRAVIA 4K HDR Ultra HD Display (54.6" diag)

Go beyond what you've seen before on our FWD-55X850D with Android™ TV. Enjoy remarkable 4K¹ HDR clarity, color and contrast, enhanced by the brilliant color of TRILUMINOS® technology. With an advanced design and powerful feature set, the FWD-55X850D is ideal for professional display applications.



Bullets

- The brilliant contrast, color and detail of 4K¹ HDR
- Colors come alive thanks to the TRILUMINOS® technology
- 4K magic added into every scene with the 4K Processor X1
- Lifelike motion with Motionflow™ XR 960
- Android™ TV with Google Cast™, voice search & Play Store apps²³
- Silver accents add elegance to the thin design
- Send content from your smartphone to your display with Google Cast™²³
- Enjoy thousands of apps from Google Play™²³

Features

Uncover the detail with 4K HDR

High Dynamic Range (HDR) will change the way you look at TV. Combined with 4K Ultra HD resolution¹, HDR video content delivers exceptional detail, color and contrast, with a far wider range of brightness than other video formats. The result is the most lifelike picture TVs have ever been able to create, with brilliant highlights and fine detail.

More color, depth and realism

Colors are as rich and vivid as nature's own thanks to the TRILUMINOS® Display with more shades of red, green and blue than ever before. You'll enjoy vibrant, authentic images that evoke the emotion in every scene. When combined with HDR video, TRILUMINOS® Display further increases the color depth for noticeably brighter and more realistic colors.

Adding 4K magic into every scene

The 4K Processor X1 ensures everything you watch - movies, sports, and streaming video – looks the best it possibly can. Color, contrast and clarity are all optimized based on what you are watching.

Motionflow™ keeps the action smooth

TV that keeps up with real life. Sony's refresh rate technology (Motionflow™ XR 960) allows fast moving action sequences in sports and movies to be seen with lifelike clarity.

Every scene looks more realistic

Discover a thrilling world of extraordinary clarity. Every single pixel is enhanced beautifully by our most powerful 4K picture processing technology ever. Individual parts of each scene are analyzed and matched with a special image database that independently addresses texture, contrast, color, and edges. The difference is clear with supremely lifelike detail, no matter what you're watching.

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Dramatic brightness and black levels

Thanks to Dynamic Contrast Enhancer, experience more life, more texture and more energy in every scene with brighter highlights, deeper blacks, and more natural tonal gradation.

Made to match your space

The thin and beautiful design with a slim bezel with silver inlay takes cues from interior design, allowing it to maintain the harmony of your living room while still making a statement.

A world of possibilities

Find all the entertainment you can dream of, faster than ever. From movies and TV shows to thousands of apps, Sony's Android™ TV brings you everything in an instant²³.

Just say what you want

Spend less time browsing, and more time watching. Voice search on Android TV™ provides you with the power of Google search, allowing you to find content across different services without the hassle of time-consuming text entry²³.

Send to a bigger, better screen with Google Cast™

Send movies and music from your smartphone to your TV with Google Cast™. Use your phone as a remote control²³.

Your favorite apps, on your TV

Enjoy a huge range of apps from Google Play™, including YouTube™, Netflix, Amazon Video, Hulu, Pandora and more. Also, play your favorite Android games on the big screen²³.

Amasterpiece of design

Keep wires out of sight, thanks to a hidden cable panel structure, for a clean look.

Specifications

Audio		Clear Audio+	Yes	BRAVIA® Sync™	Yes (including HDMI-CEC)
Bass/Treble/Balance	Balance	Clear Phase	Yes	Channel Block (with password)	Analog & Digital
DSEE/DSEE-HX	DSEE	Digital Out Format	Dolby Digital, DTS, PCM	Google Cast	Yes
Speaker Configuration	2ch, Full Range (25 x 90mm) x2	Dolby®	Dolby Digital, Dolby Digital Plus, Dolby Pulse	i-Manual	Yes
Speaker Position	Down Firing	Headphone/ Speaker Link	Yes	Input Language Display	BUL / CAT / HRV / CES / DAN / DUT / ENG / EST / FIN / FRA / GER / GRK / HUN / ITA / LAV / LIT / NOR / POL / POR / RON / RUS / SLK / SLV / SPA / SWE / TUR / UKR / THA / VIE / ARA / FAS / JPN
Speaker Type	Bass Reflex	S-Master	S-Master Digital Amplifier		
Audio Features		Sony Original Surround	S-Force Front Surround		
Advanced Auto Volume	Yes	Sound Mode	Standard Cinema Live Football Music	Multiple Language Display	English Spanish French
Alternate Audio (Digital)	Yes		Application Store	Yes	On/Off Timer
Audio Out	Fixed / Variable	Convenience Features		On-Screen Clock	Yes
Auto Mute (on no signal)	Yes	Auto Photo Mode	Yes	Parental Control	Yes
Auto Surround	Yes	Auto Shut-off	Yes		

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Show/Hide Channels	Yes (Digital & Analog)	Digital Audio Output(s)	1 (Rear)	Annual Power Consumption	122kWh/Year
Sleep Timer	Yes	Ethernet Connection(s)	1 (Side)	Power	
USB Play	Yes	HDCP	HDCP 2.2 (for HDMI1/2/3/4)	Power Consumption (in Operation) max.	139W
USB Play (Contents)	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI (MotionJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / WAV / FLAC / JPEG	HDMI PC Input Format	640 x 480@60Hz 800 x 600@60Hz 1024 x 768@60Hz 1280 x 1024@60Hz 1600 x 900@60Hz 1152 x 864@75Hz 1680 x 1050@60Hz 1920 x 1080@60Hz 3840 x 2160@30Hz	Power Consumption (in Standby)	0.5W
Voice Function	Yes	HDMI Signal	4096 x 2160p (24, 60Hz), 3840 x 2160p (24, 30, 60Hz), 1080p (30, 60Hz), 1080/24p, 1080i (60Hz), 720p (30, 60Hz), 720/24p, 480p, 480i	Power Requirements (voltage)	DC 19.5V
Customizing Capability		HDMI Version	Up to 18Gbps (for HDMI 1/2/3/4)	Regulation and Standards Compliance	
RS-232C Control	Yes	HDMI™ Connection(s) (Total)	4 (side3, rear1)	VESA® Hole Pitch	7 7/8 x 7 7/8 in (200 x 200 mm)
Illumination LED	Yes	Headphone Outputs(s)	1 (Side / Hybrid w/HP and Subwoofer Out)	VESA® Hole Spacing Compatible	Yes
Design Features		RF Connection Input(s)	1 (Side)	Sensing Features	
Stand Design	Silver Slate	RS-232C Input(s)	1 (Rear/ Mini Jack)	LightSensor™ Technology	Yes
Display Features		Subwoofer Out	1 (Side / Hybrid w/HP and Subwoofer Out)	Service and Warranty Information	
Backlight Type	Edge LED	USB 2.0	3 (Side)	Limited Warranty Term	3 Years
Dimming Type	Frame Dimming	Network Features		TV System	
Display Device	LCD	Home Network	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI (MotionJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / LPCM / JPEG / FLAC	Channel Coverage (Analog)	VHF: 2-13 / UHF: 14-69 / CATV: 1-135
Triluminos Display	Yes	Internet Browser	Yes (Opera / not pre-installed)	Channel Coverage (Digital Cable)	CATV: 1-135
Display		Internet EPG	Yes	Channel Coverage (Digital Terrestrial)	VHF: 2-13/UHF: 14-69
Aspect Ratio	16:9	Live Football Mode	Yes	Color Space	sRGB / BT709, BT2020, AdobeRGB, DCI
Display Resolution	QFHD	Net AD	Yes (Net Ad operation depends on ad provider in that region)	Color System	NTSC
Number of pixels (H x V)	3840 x 2160	Photo Sharing Plus / Photo Share	Yes	Memory	16GB
Screen Size (cm)	138.8 cm	PS now	Yes (US/ Canada/ UK/ Japan)	Number of Tuners (Terrestrial/Cable)	1 (Digital / Analog)
Screen Size (measured diagonally)	55" (54.6")	Screen mirroring (Miracast)	Yes	OS	Android
Viewing Angle (Right/Left)	178 (89/89) degree	Social Viewing	Yes	TV System (Analog)	M
Viewing Angle (Up/Down)	178 (89/89) degree	TV SideView™	Yes	TV System (Digital Cable)	Clear QAM
Energy Saving & Efficiency		What's New	Yes	TV System (Digital Terrestrial)	ATSC
Backlight Off Mode	Yes	Wi-Fi Certified	Yes	Video	
Dynamic Backlight Control	Yes	Wi-Fi Direct	Yes	Video Signal	1080p (60 Hz) 1080i (60 Hz) 720p (60 Hz) 480p 480i
Power Saving Modes	Yes	Wi-Fi Frequency	2.4GHz /5GHz	Video Features	
General Features		Wi-Fi Standard	a/b/g/n/ac	24p True Cinema™ Technology	Yes
Closed Captions (CC)	Analog Digital	Wireless LAN	Integrated	4:3 Default	Yes
Demo Mode	Yes			4K Processor	X1
Hotel Mode Menu	Yes			Advanced Contrast Enhancer (ACE)	Yes
Inputs and Outputs				Auto Wide	Yes
AC Power Input	AC Adapter			Blinking Type	Frame Blinking
Analog Audio Input(s) (Total)	2 (Rear)			Face Area Detection	Yes
Audio Out	1 (Side / Hybrid w/HP and Subwoofer Out)				
Bluetooth	Version 4.1 HID / HOGP / 3DSP / SPP				
Component Video (Y/Pb/Pr) Input(s)	1 (Rear)				
Composite Video Input(s)	2 (1 Rear / 1 Rear Hybrid w/ Component)				

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HDR Compatible (High Dynamic Range)	Yes
Live Color™ Technology	Yes
Mastered in 4K	Yes
Motionflow™ XR Technology	Motionflow XR 960
PhotoTV HD	Yes
Picture Mode	Vivid Standard Custom Cinema Pro Cinema Home Sports Animation Photo-Vivid Photo-Standard Photo-Custom Game Graphics HDR-Video
Video Processing	4K X-Reality PRO
Wide Mode	Full Normal Wide Zoom Zoom Normal / Full1 / Full2 for PC
Weights and Measurements	
Dimensions (Approx.)	TV only: 48 1/2 x 28 1/4 x 1 3/4 (15/32) in (1231 x 717 x 44(11.2) mm) TV with stand: 48 1/2 x 30 3/8 x 10 3/8 in (1231 x 770 x 263 mm)
Packaging (Approx.)	Carton dimensions: 61 1/8 x 32 1/2 x 7 1/4 in (1552 x 825 x 182 mm) Carton weight: 59.5 lbs (27 kg)
Weight (Approx.)	TV only: 33.3 lbs (15.1 kg) TV with stand: 41.0 lbs (18.6 kg)
Accessories	

Supplied Accessories	Remote Control (RMT-TX200U) Batteries (R03) AC Power Cord (ACDP- 160D01) AC Power Cord Spec (US 2Pin (w/o Polarity), C7) IR Blaster (IRB-BR1) Operating Instructions Quick Setup Guide / Supplement CUE (GA) Table Top Stand (Separate, assembly required)		
Optional Accessories			
Optional Accessories	Wireless Subwoofer (SWF-BR100)		
B2B Function	Full HD	4K UHD	Application
Guest Mode	Y	Y	
Hide Settings Menu	Y	Y	
Initial Channel	Y	Y	
Volume Restriction	Y	Y	Ideal for hospitality market, hotels
AC Power ON	Y	Y	
Disable Remote/Switch	Y	Y	
Settings Clone	Y	Y	
Custom Home Menu (HTML5)	N	Y	
IP Control	N	Y	
HTML5 Application Platform	N	Y	
Android Platform	N	Y	
Extension Software	N	Y	Ideal for system integration market in corporate and education applications
HDMI Auto Wakeup	N	Y	
Security Features	N	Y	
Touch Overlay Support	N	Y	
Portrait	N	Y*	
Miracast/Google Cast	N	Y**	
Mouse/Keyboard	N	Y***	
*Applies to X850D Series beginning August 2016			
**Google Cast is not currently available in Pro Mode			
***Keyboard is available in applications only; mouse is available in the home menu			

- 3,840 x 2,160 pixels.
- Broadband speed of at least 2.5 Mbps recommended for SD services, 10 Mbps for HD streaming or 4K downloads. 20 Mbps for 4K Ultra HD streaming. Wireless connectivity requires 802.11 home network (802.11n recommended). Network services, content, and the operating system and software of this Product may be subject to individual terms and conditions and changed, interrupted or discontinued at any time and may require fees, registration and credit card information.
- Requires compatible devices connected to the same network. Google Cast requires mobile devices with Android 2.3 or higher, or iOS 6.0 or higher and Chromecast application. Google Play using Android TV Remote Control application requires Android 4.0 or higher; not available for iOS. Voice Search is available using the included remote control, Android TV Remote Control application with Android 4.0 or higher, or using Sony's TV SideView application available for Android 4.0.3 or higher or iOS 7.0 or higher.
- PlayStation™ Now service requires DUALSHOCK®4 controller, sold separately, and 5Mbps Internet connection (5-12 Mbps recommended for the best quality experience). Additional purchases and registration required; service not available in all areas. See us.playstation.com/PlayStationNow for details.
- Requires HDR compatible content from supported streaming services, such as Amazon Video.
- Logitech Harmony Hub sold separately. Requires all compatible devices connected to the same network. Refer to Logitech for details on compatible devices. Compatible IP cameras require direct connection to the TV via Wi-Fi.

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