

SONY

KDL-70W830B

W830B Premium HDTV

Introducing a picture so lifelike, it's like looking through a window. Images appear with natural color transitions and each scene in everything you watch shows crisp, clear detail. HD movies, sports, even YouTube® clips and home movies burst off the screen with astonishing detail and color. Sony's X-Reality™ PRO picture engine draws on its extensive reality database to display more color, clarity and detail in every image.



Bullets

- PlayStation™ Now ready - PS3® gaming¹
- Color, clarity & detail at their best with X-Reality™ PRO
- Iconic TV design with large speakers & enhanced sound
- Experience precise motion clarity with Motionflow™ XR 480
- Quick access to online videos & services
- Social TV – follow tweets and watch TV at the same time²
- HD wireless streaming²

Features

PlayStation™ Now ready - PS3® gaming^{1,2}

Bring the immersive world of PlayStation® directly to your TV with PlayStation™ Now.^{1,3} For the first time discover and play PlayStation® 3 games by pairing a PlayStation DUALSHOCK® 3 controller directly to your PlayStation™ Now ready BRAVIA® TV and start streaming games - no additional hardware required.

Color, clarity & detail at their best

Suddenly, everything looks better. All of your existing sports, TV shows and movies are upscaled to super clear quality. Even YouTube® clips and smartphone videos are enhanced with stunning results. The X-Reality™ PRO picture engine analyzes and processes every image to refine color, clarity and detail for a beautifully natural picture.

Iconic TV design with large speakers & enhanced sound

A new angle on TV design allows for larger speakers and enhanced sound capabilities over traditional LED televisions. The iconic design works with traditional wall mounts, and the adjustable TV stand accommodates large or small tables.

Experience precise motion clarity.

Golf balls roll clearly, with less blurring, as the camera follows them across the green. Footballs retain their detail and move smoothly as the camera quickly pans down the field during kickoff. Even fast moving action sequences like fight scenes appear amazingly realistic since Motionflow XR 480 takes motion clarity beyond refresh rates, which are only measured in Hz, to double the motion effect for lifelike clarity.

Discover Contents

Discover a faster way to watch TV channels, recommended videos, photos on your network, or even Internet content like YouTube®, Crackle, or Video Unlimited™ with one push of the Discovery button.

Follow tweets and watch TV at the same time²

Experience the fun together: enhance your TV enjoyment by following tweets from around the world with Social Viewing. Just choose your hashtag, and see comments relating to the show you're watching flow across the screen. TV has never been so social. And, using an optional camera, you can add Skype® video on the screen at the same time to watch games together from nearly anywhere in the world.²

SONY

HD wireless streaming²

Wirelessly stream beautiful, HD entertainment straight from the Internet or your home network using built-in Wi-Fi[®] connectivity with ease.² Open the door to the endless entertainment of the Sony Entertainment Network, where thousands of movies, TV shows, online videos, games and music are always on tap. By connecting to the Internet you can access Full 1080p HD entertainment, 3D content and made-for-TV apps like Netflix[®], Pandora[®], YouTube[®], Facebook[®] and more.

Specifications

3D Features		BRAVIA [®] Sync™	Yes	Stand Design	Chrome Mirror	
3D	Active	Channel Block (with password)	Analog & Digital	Display Features		
3D Format Support	Yes	Channel Jump	Yes	Backlight Type	LED	
3D Super-resolution	Yes	Channel Surf	Yes	Dimming Type	Frame Dimming	
3D Sync Transmitter Integrated	Yes	Edit Channel Labels	Yes	Display Device	LCD	
Simulated 3D	Yes	Info Banner	Yes	Display		
Audio		Input Skip	Auto	Aspect Ratio	16:9	
Audio Power Output	10W + 10W	Label Inputs	Yes	Display Resolution	Full HD	
Speaker Configuration	2ch, Two Way Speaker (Tweeter (40mm) x 2, Woofer (50 x 100mm) x 2)	Multiple Language Display	English Spanish French	Dynamic Contrast Ratio	Over 1 million	
Speaker Position	Down Firing	On/Off Timer	Yes	Screen Size (cm)	176.6cm	
Audio Features		On-Screen Clock	Yes	Screen Size (measured diagonally)	70"(69.5")	
5.1 Channel Audio Out	Yes	On-Screen Display for External Input	Yes	Viewing Angle (Right/Left)	178(89/89) degree	
5.1ch Through Out (Handycam)	Yes	Panorama	Yes	Viewing Angle (Up/Down)	178(89/89) degree	
Advanced Auto Volume	Yes	Parental Control	Yes	Energy Saving & Efficiency		
Alternate Audio (Digital)	Yes	Picture Adjustments Lock	Yes	Backlight Off Mode	Yes	
Audio Out	Fixed / Variable	Picture Frame Mode	Yes	Dynamic Backlight Control	Yes	
Auto Mute (on no signal)	Yes	Scene Select	Photo Music Cinema Game Graphics Sports Animation	Energy Star [®] compliant	Yes, V5.3 & V6	
Clear Phase Speaker	Yes		Show/Hide Channels	Yes	Power Consumption (On Mode) for Energy Star	73.84W
Digital Out Format	Dolby Digital, PCM		Skin Naturalizer	Yes	Power Consumption (Standby Mode) for Energy Star	0.06W
Dolby [®]	Dolby Digital, Dolby Digital Plus, Dolby Pulse		Sleep Timer	Yes	Power Saving Modes	Yes
Headphone/Speaker Link	Yes		Twin Picture	PAP (Variable)	General Features	
Reflector	Yes	USB Play	Yes (USB viewer supports FAT16, FAT32, exFAT and NTFS file systems.)	Audio Return Channel	Yes	
Signal-to-Sound Architecture	Yes	USB Play (Contents)	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI(XVID) / AVI(MotionJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / WAV / JPEG / MPO / RAW(ARW)	Closed Captions (CC)	Analog Digital	
S-Master	Yes		USB Super Multi-Format Play	Yes	Demo Mode	Yes
Sony Original Surround	S-Force Front Surround	Illumination LED	Yes	Finish (Surface Color)	Black	
Sound Booster	Yes	Design Features		HDMI™ InstaPort	Yes	
Sound Mode	Standard	AC Power Input				1 (Rear)
	Cinema Sports Music Game Compressed Audio	Analog Audio Input(s) (Total)				2 (Rear)
Stereo System	MTS (AUTO SAP)	Audio Out				1 (Side / Hybrid w/ HP)
Convenience Features		Hotel Mode Menu				Yes
Auto Photo Mode	Yes	Start Up Sony Logo Display				Yes
Auto Shut-off	Yes	Inputs and Outputs				

SONY

Component Video (Y/Pb/Pr) Input(s)	1 (Rear / Hybrid)	Wi-Fi Frequency	2.4Ghz / 5Ghz (for Wi-Fi Direct / Screen mirroring: 2.4Ghz Only)	Auto Wide	Yes		
Composite Video Input(s)	2 (1 Rear / 1 Rear Hybrid w/ Component)	Wi-Fi Standard	a/b/g/n	Blinking Type	Line Blinking		
Digital Audio Output(s)	1 (Rear)	Wireless LAN	Integrated	CineMotion® Reverse 3:2 Pulldown Technology	Yes		
Ethernet Connection(s)	1 (Rear)	Power		Clear Mode	Yes		
HDMI PC Input Format	640x480@60Hz 800x600@60Hz 1280x768@60Hz-R 1280x768@60Hz 1360x768@60Hz 1024x768@60Hz 1280x1024@60Hz 1920x1080@60Hz	Power Consumption (in Operation) max.	208W	Deep Color	Yes		
HDMI™ Connection(s) (Total)	4 (1 Side / 3 Bottom)	Power Consumption (in Standby)	120V : 0.2W / 240V : 0.3W	Face Area Detection	Yes		
HDMI™ PC Input	Yes	Power Requirements (frequency)	60Hz for UL cUL 50/60Hz for other	Impulse Mode	Yes		
Headphone Output(s)	1 (Side / Hybrid w/ Audio Out)	Power Requirements (voltage)	AC 120V for UL cUL AC110-240V for other	Intelligent MPEG Noise Reduction	Yes		
MHL	Yes	Regulation and Standards Compliance		Intelligent Picture Optimizer	Yes		
RF Connection Input(s)	1 (Bottom)	VESA® Hole Pitch	Yes	Live Color™ Technology	Yes		
Subwoofer Out	1 (Side / Hybrid w/ HP and Audio Out)	VESA® Hole Spacing Compatible	Yes	Motionflow™ Technology	Motionflow XR 480		
USB 2.0	2 (Side)	Sensing Features		MPEG Noise Reduction	Yes		
Network Features		LightSensor™ Technology	Yes	PhotoTV HD	Yes		
DLNA Content	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI(XVID) / AVI(MotionJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / LPCM / JPEG / MPO	Service and Warranty Information		Picture Mode	Vivid Standard Custom Photo-Vivid Photo-Standard Photo-Original Photo-Custom Cinema1 Cinema2 Game-Standard Game-Original Graphics Sports Animation		
Guide and Search	Yes	Limited Warranty Term	12 months		Portable Game Mode	Fine Full Fine Normal Portable Game1 Portable Game2	
Internet Browser	Yes (Opera)	TV System			Scene Optimized Energy Saving	Yes	
Net AD	Yes (depends on ad provider)	Channel Coverage (Analog)	VHF: 2-13 / UHF: 14-69 / CATV: 1-135		Super-resolution for Game Mode	Yes	
One-Flick entertainment	Yes	Channel Coverage (Digital Cable)	CATV: 1-135		Video Processing	X-Reality PRO	
One-touch mirroring	Yes	Channel Coverage (Digital Terrestrial)	VHF: 2-13 / UHF: 14-69		Wide Mode	Full Normal Wide Zoom Zoom Caption Normal / Full1 / Full2 for PC	
Opera Apps (System)	Yes	Color System	NTSC			Weights and Measurements	
Photo Share	Yes	Number of Tuners (Terrestrial/Cable)	1 (Digital / Analog)			Dimensions (Approx.)	TV only: 62 1/2 x 36 1/4 x 3 3/4(31/32) in (1586 x 920 x 93.2 mm)
Related Search	Yes	TV System (Analog)	M				TV with stand: 62 1/2 x 38 1/4 x 14 5/8 in (1586 x 970 x 370 mm)
Screen mirroring	Yes	TV System (Digital Cable)	Clear QAM				
Seamless Streaming	Yes	TV System (Digital Terrestrial)	ATSC				
Search	Yes	Video					
Skype™	Ready	Video Signal	1080/24p (HDMI only) 1080/60i 1080/60p (HDMI / Component) 480/60i 480/60p 720/60p 1080/30p (HDMI only) 720/30p (HDMI only) 720/24p (HDMI only)				
Social Viewing	Yes (Tweet only)	Video Features					
Sony Entertainment Network	Yes	24p True Cinema™ Technology	Yes				
TV SideView™	Yes	3D Comb Filter	Yes				
TV Tweet	Yes	4:3 Default	Yes				
Wi-Fi Certified	Yes	Advanced Contrast Enhancer (ACE)	Yes				
Wi-Fi Direct	Yes						

SONY

Packaging (Approx.)	Carton dimensions: 66 3/8 x 42 5/8 x 20 in (1684 x 1080 x 506 mm) Carton weight: 125.6 lbs (57 kg)	Optional Accessories	
Weight (Approx.)	TV only: 95.9 lbs (43.5 kg) TV with stand: 98.3 lbs (44.6 kg)	Optional Accessories	3D Glasses (TDG-BT500A) Touchpad Remote Control (RMF-YD003) MHL Cable (DLC-MB10, DLC-MB20, DLC-MC20) VC Camera and Mic (CMU-BR200, CMU-BR100) Wireless Subwoofer (SWF-BR100)
Accessories			
Supplied Accessories	3D Glasses x 2 (TDG-BT400A) Remote Control (RM-YD102) AC Power Cord (Pigtail) Table Top Stand (assembled) IR Blaster Batteries (R03) Operating Instructions Warranty Card		

1. Anticipated service availability Fall 2014. Broadband internet connection required. Additional purchases and registration required; service not available in all areas. See us.playstation.com/PlayStationNow for details.

2. Broadband speed of at least 5 Mbps recommended (10 Mbps for HD). Content subject to change and may require fees. Wireless connectivity requires 802.11n network (802.11n recommended). Skype is subject to Skype's terms and conditions.

3. Optional One-flick remote (RMF-YD003) required, sold separately.

© 2014 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited.

Sony, BRAVIA, X-Reality, Motionflow, TRILUMINOS, Video Unlimited and the Sony logo are trademarks of Sony Corporation. PlayStation is a trademark of Sony Computer Entertainment Inc. registered in the U.S. and other countries. Wi-Fi is a registered trademark of the Wi-Fi Alliance. All other trademarks are trademarks of their respective owners. Features and specifications are subject to change without notice. /Updated: May 29, 2014