

SONY

KDL-50W800C

50" diag. Android LED HDTV

Have it all. HD movies, sports and streaming videos burst off the screen with the X-Reality™ PRO clarity and color enhancer. Android TV comes with Google Cast™, voice search and a huge collection of apps, games and content from Google Play™^{1,2}. You can even play popular PS3™ games directly on your TV—no game console required³.



Bullets

- Extraordinary clarity with X-Reality™ PRO enhancement
- Android TV with Google Cast™, voice search & Play Store apps^{1,2}
- Bright LED with vivid color in a slim aluminum finish
- Stream PS3® games directly to your TV³
- Precise motion clarity with Motionflow™ XR 960
- Control your TV with your smartphone or tablet²
- Android gaming on the big screen¹
- Just say what you want using voice search^{1,2}
- Personal recommendations from Google Play™¹

Features

Extraordinary clarity and color

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 enhances color, clarity and contrast in real time for a beautifully natural picture.

Dynamic contrast

Edge LED backlighting with frame dimming enhances brightness and contrast. The TV screen adjusts to bright and dark scenes in your movies and TV shows for a more realistic picture.

A smarter TV

So much more than just 'Smart TV,' Android TV™ delivers great content, streaming apps and Android™ games to your TV. Voice search and personalized recommendations make for effortless entertainment^{1,2}.

More apps

The things you love doing on your tablet or smartphone can now be enjoyed on your TV. Log into your Google account once to access a huge collection of apps, games, movies, TV shows and more from Google Play™^{1,2}.

Just say what you want

Say "action movies" or "today's weather" and let Android TV do the work. Voice search helps you quickly find what you want. Simply speak into the optional One-Flick remote or your compatible mobile phone².

Google Cast™

With Google Cast™ built-in you can cast your favorite entertainment like HBO GO, Showtime Anytime, MLB.tv and more from your personal device to the big screen. You can cast from your Android phone or tablet, iPhone, iPad, Mac or Windows laptop or Chromebook².

Your personalized TV

SONY

Personalized content recommendations from Google Play™, YouTube and supported apps appear automatically in your home screen¹.

Stream PS3™ games directly to your TV³

Bring the immersive world of PlayStation® directly to your TV with PlayStation™ Now. Play select PlayStation® 3 games like you stream TV shows and movies – streamed directly to your TV. Connect a DUALSHOCK® 4 controller to your TV and choose from a variety of game rental periods³. Service available starting summer 2015.

Control your TV with your smartphone or tablet

Choose the Android TV remote application or Sony's TV SideView™ application. Either way, you'll have control with voice search, a keyboard and quick access buttons to the most popular apps².

Clear movement

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.

Specifications

3D Features		Application Store	Yes (Google Play Store)	USB Play (Contents)	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AV1 (MotionJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / WAV / FLAC / JPEG
3D	Active	Convenience Features			
3D Format Support	Yes (2K only)	Auto Photo Mode	Yes	Voice Function	Yes (Optional Remote or Mobile App)
Audio		Auto Shut-off	Yes		Customizing Capability
Audio Power Output	10W + 10W	BRAVIA® Sync™	Yes	RS-232C Control	Yes
Bass/Treble/Balance	Balance	Channel Block (with password)	Analog & Digital	Illumination LED	Yes
DSEE/DSEE-HX	DSEE	Channel Jump	Yes	Design Features	
Speaker Configuration	2ch, Full Range (30 x 80 mm) x 2	Channel Surf	Yes	Stand Design	Silver Mirror Shaft
Speaker Position	Down Firing	Edit Channel Labels	Yes	Display Features	
Speakers (Total)	Bass Reflex	Google Cast	Yes	Backlight Type	Edge LED
Speaker Type	Bass Reflex	i-Manual	Yes	Dimming Type	Frame Dimming
Audio Features		Info Banner	Yes	Display Device	LCD
5.1 Channel Audio Out	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	Display	
Advanced Auto Volume	Yes			Label Inputs	Yes
Alternate Audio (Digital)	Yes	Multiple Language Display	English Spanish French	Display Resolution	Full HD
Audio Out	Fixed / Variable	On/Off Timer	Yes	Number of pixels(H x V)	1920 x 1080
Auto Mute (on no signal)	Yes	On-Screen Clock	Yes	Screen Size (cm)	125.7 cm
Auto Surround	Yes	On-Screen Display for External Input	Yes	Screen Size (measured diagonally)	50"(49.5")
Clear Phase	Yes	Parental Control	Yes	Viewing Angle (Right/Left)	(89/89) degree
Digital Out Format	Dolby Digital, DTS, PCM	Scene Select	Auto / Auto 24P / Off	Viewing Angle (Up/Down)	(89/89) degree
Dolby®	Dolby Digital, Dolby Digital Plus, Dolby Pulse	Show/Hide Channels	Yes	Energy Saving & Efficiency	
Headphone/Speaker Link	Yes	Sleep Timer	Yes	Backlight Off Mode	Yes
Signal-to-Sound Architecture	Yes	Twin Picture	Picture and Picture (2 size), Picture in Picture (coming 2015)	Dynamic Backlight Control	Yes
S-Master	S-Master Digital Amplifier	USB Play	Yes	Energy Star® compliant	Yes
Sony Original Surround	S-Force Front Surround			Power Consumption (On Mode) for Energy Star	44.60W
Sound Mode	Standard Cinema Live Football Music				
Stereo System	MTS (AUTO SAP)				

SONY

Power Consumption (Standby Mode) for Energy Star	0.42W
Power Saving Modes	Yes
General Features	
ARC HDMI (Audio Return Channel)	Yes
Closed Captions (CC)	Analog Digital
Demo Mode	Yes
Finish (Surface Color)	Black
Hotel Mode Menu	Yes
Inputs and Outputs	
AC Power Input	AC Adapter
Analog Audio Input(s) (Total)	1 (Rear)
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 (Bottom / Hybrid)
Composite Video Input(s)	1 (Rear Hybrid w/ Component)
Digital Audio Output(s)	1 (Rear)
Ethernet Connection(s)	1 (Rear)
HDCP	HDCP 1.4
HDMI PC Input Format	640x480@60Hz 800x600@60Hz 1280x768@60Hz-R 1280x768@60Hz 1360x768@60Hz 1024x768@60Hz 1280x1024@60Hz 1920x1080@60Hz
HDMI™ Connection(s) (Total)	4
HDMI™ PC Input	Yes
Headphone Output(s)	1 (Side / Hybrid w/ Audio Out and Subwoofer Out)
MHL	Yes
MHL version	MHL2 (for HDMI1)
RF Connection Input(s)	1 (Bottom)
RS-232C Input(s)	1 (Bottom / Mini Jack)
Subwoofer Out	1 (Side / Hybrid w/ HP and Audio Out)
USB 2.0	2port
Network Features	
Home Network	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI (MotinJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / LPCM / JPEG / FLAC
Internet Browser	Yes(Opera)
Internet EPG	Yes

Live Football Mode	Yes
Net AD	Yes (depends on ad provider on that region)
One-Flick entertainment	Yes
One-touch mirroring	Yes (Ready)
One-touch Set-up	Yes
Opera Apps (System)	Yes
Photo Sharing Plus / Photo Share	Yes
PS now	Yes (2015 May/E OTA)
Related Search	Yes
Screen mirroring(Miracast)	Yes
Search	Yes (Android basic function)
Social Apps	Social Viewing (Twitter) & Twitter Trending
TV SideView™	Yes
TV Tweet	Yes
Wi-Fi Certified	Yes
Wi-Fi Direct	Yes
Wi-Fi Frequency	2.4GHz / 5GHz
Wi-Fi Standard	a/b/g/n
Wireless LAN	Integrated
Annual Power Consumption	85kWh/Year
Power	
Power Consumption (In Operation) max.	94W
Power Consumption (In Standby)	120V : 0.45W / 240V : 0.50W
Power Requirements (voltage)	DC 19.5V
Regulation and Standards Compliance	
VESA® Hole Pitch	400x300 mm / 15 3/4 x 11 7/8 inch
VESA® Hole Spacing Compatible	Yes
Sensing Features	
LightSensor™ Technology	Yes
Service and Warranty Information	
Limited Warranty Term	12 months
TV System	
Channel Coverage (Analog)	VHF: 2-13 / UHF: 14-69 / CATV: 1-135
Channel Coverage (Digital Cable)	CATV: 1-135
Channel Coverage (Digital Terrestrial)	VHF: 2-13 / UHF: 14-69
Color System	NTSC
Memory	16GB

Number of Tuners (Terrestrial/Cable)	1 (Digital / Analog)
OS	Android L
TV System (Analog)	M
TV System (Digital Cable)	Clear QAM
TV System (Digital Terrestrial)	ATSC
Video	
Video Signal	1080/24p (HDMI only) 1080/60i 1080/60p 480/60i 480/60p 720/60p 1080/30p (HDMI only) 720/30p (HDMI only) 720/24p (HDMI only)
Video Features	
24p True Cinema™ Technology	Yes
4:3 Default	Yes
Advanced Contrast Enhancer (ACE)	Yes
Auto Wide	Yes
Blinking Type	Frame Blinking
CineMotion® Reverse 3:2 Pulldown Technology	Yes
Live Color™ Technology	Yes
Motionflow™ Technology	Motionflow XR 960
PhotoTV HD	Yes
Picture Mode	Vivid Standard Custom Cinema Pro Cinema Home Sport Animation Photo-Vivid Photo-Standard Photo-Custom Game Graphics
Video Processing	X-Reality PRO
Wide Mode	Full Normal Wide Zoom Zoom Normal / Full1 / Full2 for PC
Weights and Measurements	
Dimensions (Approx.)	TV only: 44 x 25 3/4 x 2 3/8(1/2) in (1116 x 654 x 59(12.6) mm) TV with stand: 44 x 27 1/4 x 7 5/8 in (1116 x 691 x 191 mm)

SONY

Packaging (Approx.)	Carton dimensions: 47 7/8 x 30 1/8 x 6 1/8 in (1214 x 764 x 155 mm) Carton weight: 52.9 lbs (24.0 kg)
Weight (Approx.)	TV only: 30.2 lbs (13.7 kg) TV with stand: 32.2 lbs (14.6 kg)
Accessories	
Supplied Accessories	Batteries (R03) AC Power Adaptor AC Power Cord (Inlet C7) Screws Table Top Stand (Separate, assembly required) Quick Setup Guide / Supplement CUE (GA) Operating Instructions Warranty Card
Optional Accessories	
Optional Accessories	Wireless Subwoofer (SWF-BR100) MHL Cable (DLC-MC20) Touchpad Remote Control (RMF-TX100U) 3D Glasses (TDG-BT500A)

1. Broadband speed of at least 2.5 Mbps recommended for SD services, 10 Mbps for 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.

2. 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 optional 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.

3. 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.

* Use of this TV requires consent to Google Terms of Use and Privacy Policy.

© 2015 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited.

Sony, X-Reality, Motionflow, TV SideView 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. Android, Android TV, Google Cast, Google Play, Google, YouTube and the Google logo are registered trademarks of Google Inc., used with permission. 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: December 15, 2015