

SONY

KDL-48R510C

48" class (47.6" diag.) Smart LED HDTV

Enjoy incredible picture quality and top notch entertainment. This elegantly slim LED TV boasts Full HD 1080p for incredible detail and Edge LED backlighting for boosted contrast. Built-in Wi-Fi® lets you stream HD videos from popular services like Netflix®, YouTube®, and more.



Bullets

- Beautiful Full HD 1080p picture
- Crisp detail & contrast with Clear Resolution Enhancer
- Slim and bright LED display with vivid color
- Smooth movement with Motionflow™ XR 120
- Stream HD entertainment wirelessly with built-in Wi-Fi®¹

Features

Full HD 1080p.

At 2x the clarity of standard HDTVs, Full HD 1080p lets you take full advantage of the all-out glory of Blu-ray disc movies, HD sports, TV shows and streaming videos.

Clearly different.

Enjoy fine details and textures, even in flat areas with our Clear Resolution Enhancer picture engine. Picture noise is reduced so that you can experience crisper images and greater on-screen depth.

So bright and so thin.

Powerful yet thin LEDs deliver a radically brighter picture than conventional LCD TVs. They also help achieve a slim TV design that looks beautiful in your home. What's more, Sony's Edge LED Backlight technology delivers outstanding contrast, rich colors and enhanced dark-scene detail.

HD wireless streaming

Wirelessly stream beautiful, HD entertainment from popular services like Netflix®, YouTube® and more where thousands of movies, TV shows, online videos, games and music are always on tap¹.

Life-like movement

Recreate the movement of real life. Sprinters accelerate clearly with less blur, so watching from home feels like you're watching from the stands. By minimizing judder, Motionflow™ XR 120 technology helps fast-paced action look natural.

Specifications

Audio		5.1 Channel Audio Out	Yes	Dolby®	Dolby Digital, Dolby Digital Plus, Dolby pulse
Audio Power Output	8W + 8W	Alternate Audio (Digital)	Yes	Headphone/Speaker Link	Yes
Speaker Configuration	2ch, Full Range (40 x 100 mm) x 2	Audio Out	Fixed / Variable	S-Master	S-Master Digital Amplifier
Speaker Position	Down Firing	Auto Mute (on no signal)	Yes		
Speakers (Total)	Open Baffle	Clear Phase	Yes		
Audio Features		Digital Out Format	Dolby Digital, DTS, PCM		

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Sound Mode	Standard Music Cinema Game Sports
Stereo System	MTS (AUTO SAP)
Convenience Features	
Auto Shut-off	Yes
BRAVIA® Sync™	Yes
Channel Block (with password)	Analog & Digital
Channel Jump	Yes
Channel Surf	Yes
Edit Channel Labels	Yes
Info Banner	Yes
Label Inputs	Yes
Multiple Language Display	English Spanish French
On/Off Timer	Yes
On-Screen Clock	Yes
On-Screen Display for External Input	Yes
Parental Control	Yes
Photo Frame Mode	Yes
Scene Select	Photo Music Cinema Game Graphics Sports Auto
Show/Hide Channels	Yes
Sleep Timer	Yes
USB Play	Yes (Supported File System: FAT16 / FAT32 / NTFS)
USB Play (Contents)	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI (XVID) / AVI (MotionJpeg) / WMV9 / MKV / WEBM / WAV / MP3 / WMA / JPEG
USB Super Multi-Format Play	Yes
Design Features	
Stand Design	MLD BLK Matt
Display Features	
Backlight Type	Edge LED
Dimming Type	Frame Dimming
Display Device	LCD
Display	
Aspect Ratio	16:9
Display Resolution	Full HD

Screen Size (cm)	120.9 cm
Screen Size (measured diagonally)	48" (47.6")
Viewing Angle (Right/Left)	89/89 degree
Viewing Angle (Up/Down)	89/89 degree
Energy Saving & Efficiency	
Backlight Off Mode	Yes
Dynamic Backlight Control	Yes
Energy Star® compliant	Yes
Power Consumption (On Mode) for Energy Star	42.32W
Power Consumption (Standby Mode) for Energy Star	0.30W
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	
Analog Audio Input(s) (Total)	1 (Bottom)
Audio Out	1 (Side / Hybrid w/ HP)
Component Video (Y/Pb/Pr) Input(s)	1 (Bottom Hybrid w/ Composite)
Composite Video Input(s)	1 (Bottom Hybrid w/ Component)
Digital Audio Output(s)	1 (Rear)
Ethernet Connection(s)	1 (Rear)
HDCP	HDCP1.4
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)	2 (1 Side / 1 Rear)
HDMI™ PC Input	Yes
Headphone Output(s)	1 (Side / Hybrid w/ Audio Out)
RF Connection Input(s)	1 (Bottom)
USB 2.0	2 (Side)
Network Features	

Home Network	MPEG1 / MPEG2TS / AVCHD / MP4 / AVI / WMV / LPCM / MP3 / WMA / JPEG
Opera Apps (System)	Yes
Photo Sharing Plus / Photo Share	Yes
Screen mirroring(Miracast)	Yes
Wi-Fi Certified	Yes
Wi-Fi Direct	Yes
Wi-Fi Frequency	2.4GHz only
Wi-Fi Standard	b/g/n
Wireless LAN	Integrated
Power	
Power Consumption (In Operation) max.	75W
Power Consumption (In Standby)	120V : 0.40W / 240V : 0.50W
Power Requirements (voltage)	DC 19.5V
Regulation and Standards Compliance	
VESA® Hole Spacing Compatible	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
Number of Tuners (Terrestrial/Cable)	1 (Digital / Analog)
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 (HDMI / Component) 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

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Advanced Contrast Enhancer (ACE)	Yes
Auto Wide	Yes
Blinking Type	Frame Blinking
CineMotion® Reverse 3:2 Pulldown Technology	Yes
Clear Resolution Enhancer	Yes
LED Motion Mode	Yes
Live Color™ Technology	Yes
Motionflow™ Technology	Motionflow XR 120
Picture Mode	Vivid Standard Custom Photo-Vivid Photo-Standard Photo-Custom Cinema Game Graphics Sports
Wide Mode	Full Normal Wide Zoom Zoom Normal / Full1 / Full2 for PC
Weights and Measurements	
Dimensions (Approx.)	TV only: 42 7/8 x 25 1/8 x 2 5/8(21/32) in (1089 x 638 x 65 (16.2) mm) TV with stand: 42 7/8 x 26 1/2 x 8 in (1089 x 672 x 201 mm)
Packaging (Approx.)	Carton dimensions: 46 3/4 x 28 7/8 x 6 1/4 in (1187 x 732 x 158 mm) Carton weight: 35.3 lbs (16.0 kg)
Weight (Approx.)	TV only: 23 lbs (10.4 kg) TV with stand: 24.3 lbs (11 kg)
Accessories	
Supplied Accessories	Remote Control (RMT-TX102U) Table Top Stand (separate, assembly required) AC Power Cord (Inlet C7) Batteries (R03) AC Power Adapter Screws Quick Setup Guide / Supplement CUE (GA) Operating Instructions Warranty Card



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.

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