

# SONY

## KDL-60R510A

So realistic you might just forget you're watching TV. Stunning images are produced using our Clear Resolution Enhancer picture engine that allows you to enjoy individual details and textures that are ultra-crisp and oh-so-realistic. There's also amazing contrast that helps images come alive on screen.



### Bullets

- Crisp detail & contrast with Clear Resolution Enhancer
- Smooth movement with Motionflow™ XR 240
- Bigger, better bass with Bass Reflex Speakers

### Features

#### Details without distraction.

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.

#### Clear, life-like motion

Golf balls roll clearly, with less blurring, as the camera follows them across the green. Even quick motion seen in action movies appears amazingly realistic as Motionflow™ XR 240 increases clarity.

#### Sounds as great as it looks.

Indulge in crisp high pitches and deep lows with our Bass Reflex Speakers.

### Specifications

Audio		SteadySound® Automatic Volume Control		On-Screen Clock	
Audio Power Output	10W + 10W		Yes	On-Screen Display for External Input	Yes
Speaker Configuration	2ch, Full Range x 2	Stereo System		Parental Control	Yes
Speaker Position	Down Firing	MTS (AUTO SAP)		Photo Frame Mode	Yes
Audio Features		Convenience Features		Picture Adjustments Lock	Yes
5.1 Channel Audio Out	Yes	Auto Shut-off	Yes	Scene Select	General
Alternate Audio (Digital)	Yes	BRAVIA® Sync™	Yes		Music
Audio Out	Fixed / Variable	Channel Block (with password)	Analog & Digital		Cinema
Auto Mute (on no signal)	Yes	Channel Jump	Yes		Game
Digital Out Format	Dolby Digital, PCM	Channel Surf	Yes		Graphics
Dolby®	MS10 (Dolby Digital Plus, Dolby Pulse)	Edit Channel Labels	Yes	Show/Hide Channels	Sports
Sound Booster	Yes	Favorites (Simple UI)	Yes	Sleep Timer	Auto
Sound Mode	Standard Music Cinema Game Sports	Info Banner	Yes	Twin Picture	Extended PIP & PAP
		Input Skip	Yes	USB Play	Yes (USB viewer supports FAT16, FAT32 and NTFS file systems.)
		Label Inputs	Yes		
		Multiple Language Display	English Spanish French		
		On/Off Timer	Yes		

# SONY

USB Play (Contents)	MPEG1 / MPEG2TS / MPEG2PS / MPEG4 Visual / MPEG4AVC / H.264 / WMV / Xvid / MP3 / AAC / HE-AAC / DolbyDigitalAC3 / WMA / Jpeg
USB Super Multi-Format Play	Yes
<b>Design Features</b>	
Stand Design	Plastic
<b>Display Features</b>	
Dimming Type	Frame Dimming
Display Device	LCD
<b>Display</b>	
Aspect Ratio	16:9
Display Resolution	Full HD
Dynamic Contrast Ratio	Over 1 million
Screen Size (cm)	152.7 cm
Screen Size (measured diagonally)	60" (60")
Viewing Angle (Right/Left)	88/88 degree
Viewing Angle (Up/Down)	88/88 degree
<b>Energy Saving &amp; Efficiency</b>	
Backlight Off Mode	Yes
Dynamic Backlight Control	Yes
Energy Star® compliant	Yes, V6
Power Saving Modes	Yes
<b>General Features</b>	
Audio Return Channel	Yes
Closed Captions (CC)	Analog Digital
Demo Mode	Yes
Finish (Surface Color)	Black
Hotel Mode Menu	Yes
Start Up Sony Logo Display	Yes
<b>Inputs and Outputs</b>	
AC Power Input	1 (Rear)
Analog Audio Input(s) (Total)	1 (Rear)
Audio Out	1 (Rear)
Component Video (Y/Pb/Pr) Input(s)	1 (Rear Hybrid w/ Composite)
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)	3 (2 Rear / 1 Side)
HDMI™ PC Input	Yes
MHL	Yes, 2.0
RF Connection Input(s)	1 (Rear)
USB 2.0	1 (Side)
<b>Network Features</b>	
DLNA Content	JPG / MP3 / WMA / MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4 / WMV
Internet Browser	Yes (Opera)
Opera Apps (System)	Yes
Sony Entertainment Network	Yes
TV Tweet	Yes (Opera)
Wi-Fi Certified	Yes
Wi-Fi Frequency	2.4GHz
Wi-Fi Standard	b/g/n
Wireless LAN	Integrated
<b>Power</b>	
Power Requirements (frequency)	60Hz for UL cUL 50/60Hz for other
Power Requirements (voltage)	AC120V for UL cUL AC110-240V for other
<b>Regulation and Standards Compliance</b>	
VESA® Hole Spacing Compatible	Yes
<b>Service and Warranty Information</b>	
Limited Warranty Term	12 months
<b>TV System</b>	
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
<b>Video</b>	

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)
<b>Video Features</b>	
24p True Cinema™ Technology	Yes
3D Comb Filter	Yes
4:3 Default	Yes
Advanced Contrast Enhancer (ACE)	Yes
Auto Wide	Yes
Blinking Type	Frame Blinking
CineMotion® Reverse 3:2 Pulldown Technology	Yes
Clear Resolution Enhancer	Yes
Digital Noise Reduction	Yes
LED Motion Mode	Yes
Live Color™ Technology	Yes
Motionflow™ Technology	Motionflow XR 240
MPEG Noise Reduction	Yes
Picture Mode	Vivid Standard Custom Cinema Graphics
Wide Mode	Full Normal Wide Zoom Zoom Normal / Full1 / Full2 for PC timing
<b>Weights and Measurements</b>	
Packaging (Approx.)	Carton dimensions: 62 5/8 x 34 5/8 x 6 7/8 in (1590 x 878 x 172 mm) Carton weight: 57.3 lbs (26.0 kg)
<b>Accessories</b>	



Supplied Accessories	Remote Control (RM-YD096)
	Table Top Stand (separate)
	AC Power Cord (US 2 Pin, Pig-tail)
	Screws
	Batteries (R03) (Type AAA) x 2
	Quick Setup Guide
	Operating Instructions
	Warranty Card
Optional Accessories	
Optional Accessories	Wallmount Bracket

1. Requires smartphone with Wi-Fi® certified Miracast™ technology. Certain formats are not supported.

2. Smartphone or tablet must have Wi-Fi® connectivity and an internet browser.

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

Sony, BRAVIA, X-Reality, Motionflow, TRILUMINOS, Sony Tablet and the Sony make.believe logo are trademarks of Sony. PlayStation is a trademark of Sony Computer Entertainment Inc. Blu-ray Disc is a trademark. Android is a trademark of Google Inc. iPhone is a trademark of Apple Inc., registered in the U.S. and other countries. All other trademarks are trademarks of their respective owners. Features and specifications are subject to change without notice. / Updated: June 19, 2014