

SONY

KDL-60R510A

60" (diag.) R510A Series LED HDTV

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

Scene Select	General
	Music
	Cinema
	Game
	Graphics
Show/Hide Channels	Sports
	Auto
Sleep Timer	Yes
Twin Picture	Extended PIP & PAP
USB Play	Yes (USB viewer supports FAT16, FAT32 and NTFS file systems.)
USB Play (Contents)	MPEG1 / MPEG2TS / MPEG2PS / MPEG4 Visual / MPEG4AVC / H.264 / WMV / Xvid / MP3 / AAC / HE-AAC / DolbyDigitalAC3 / WMA / Jpeg
	Yes
USB Super Multi-Format Play	Yes
Design Features	
Stand Design	Plastic
Display Features	
Dimming Type	Frame Dimming
Display Device	LCD
Display	
Aspect Ratio	16:9
Display Resolution	Full HD
Dynamic Contrast Ratio	Over 1 million
Refresh Rate	120Hz
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
Energy Saving & Efficiency	
Backlight Off Mode	Yes
Dynamic Backlight Control	Yes
Energy Star® compliant	Yes, V6
Power Saving Modes	Yes
General Features	
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
Inputs and Outputs	
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)
Network Features	
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
Power	
Power Requirements (frequency)	60Hz for UL cUL 50/60Hz for other
Power Requirements (voltage)	AC120V for UL cUL AC110-240V for other
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
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
Weights and Measurements	



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)
Accessories	
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.

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