

Key Features

- Full HD 1080p Resolution
- Motionflow™ 120Hz Technology for Smooth Motion
- BRAVIA Engine™ 2 fully digital video processor
- Ambient Sensor adjusts color based on room light
- LightSensor™ adjusts backlight with room light
- BRAVIA® Sync™ controls compatible devices w/ one remote¹
- USB port for photos, music & video playback²
- 7 HD Inputs (4 HDMI, 2 Component, 1 PC)



Key Technologies

Full HD 1080p Resolution Experience Full HD 1080p picture quality, the highest at-home resolution, and take full advantage of HD sources like a Blu-ray Disc™ Player or PlayStation®3 gaming console via the 16:9 wide screen panel (1920 x 1080).

Motionflow™ 120Hz Technology Experience smooth motion detail and clarity with Motionflow™ 120Hz technology. Motionflow™ 120Hz technology doubles the frame rate from the standard 60 frames per second and applies Image Blur Reduction technology to deliver a crisp, fluid and realistic viewing experience during fast-action scenes.

BRAVIA Engine™ 2 Enjoy sharp, vibrant, life-like images while optimizing color & contrast and significantly reducing noise with the BRAVIA Engine™ 2 fully digital processor.

Ambient Sensor Get a natural looking picture whether you are watching movies late at night or playing video games during the day with an Ambient Sensor that automatically adjusts the picture color based on a room's lighting.

LightSensor™ Technolog Automatically increase or decrease the level of brightness of your TV's backlight based on a room's lighting conditions with the integrated LightSensor™ technology. Dim the lights to watch a movie and the sensor dims the backlight, which also helps reduce unnecessary power consumption.

BRAVIA® Sync™ Capable¹ Conveniently operate and control other BRAVIA® Sync™ compatible devices - including BRAVIA® HDTVs, Blu-ray Disc™ Players, surround sound systems, Handycam® camcorders and Cyber-shot® digital still cameras, all with one remote control.

USB Input² Share your photos on the big screen or listen to your favorite music. Simply connect your digital camera, USB-enabled MP3 player, or USB storage device directly to your HDTV's USB input.

7 HD Inputs³ Get versatile HD connection options with seven HD inputs, including four HDMI™ inputs to connect a Blu-ray Disc™ player, PlayStation®3 gaming console or any other HDMI-capable equipment. Two HD component inputs provide added HD-capable connectivity in addition a PC input (HD-15 pin) lets you use your HDTV as a computer monitor.



KDL-55EX500

Features

General

Closed Captions (CC): Analog, Digital
 Finish (Surface Color): PianoBlack
 HDMI™ InstaPort: Yes

Display

Backlight Type: CCFL
 Display Device: LCD

Video

Video Processing: BRAVIA Engine 2™ Technology
 CineMotion® Reverse 3:2 Pulldown Technology: Yes
 Wide Mode: Normal, Zoom, Wide Zoom, Full (Full1-2 for PC)
 3D Comb Filter: Yes
 MPEG Noise Reduction: Yes
 Auto Wide: Yes
 4:3 Default: Yes
 24p True Cinema™ Technology: Yes
 Picture Mode: Vivid, Standard, Cinema
 Advanced Contrast Enhancer (ACE): Yes
 Motionflow™ Technology: 120Hz
 Cinema Mode: Yes
 Live Color™ Technology: Yes

Audio

Auto SAP: Yes
 Auto Mute (on no signal): Yes
 Steady Sound® Automatic Volume Control: Yes
 Audio Out: Fixed
 Stereo System: MTS
 Dolby®: Dolby® Digital
 Alternate Audio (Digital): Yes
 Surround Effect: Cinema, Music, Live Sports, Game
 5.1 Channel Audio Out: Yes
 Sound Mode: Dynamic, Standard, Clear Voice, Custom
 5.1ch Through Out (Handycam): Yes
 Clear Voice: Yes
 Invisible Speaker (w/Sound Elevation): Yes

Convenience

Channel Jump: Yes
 Multiple Language Display: English, French, Spanish
 Info Banner: PSIP, XDS
 Sleep Timer: Yes
 Input Skip: Manual
 Channel Surf: Yes
 Channel Block (with password): Yes
 Edit Channel Labels: Yes
 Label Inputs: Yes
 ID-1 Detection: Yes
 USB Application(s): Photo Viewer (jpeg), Music Player (mp3), Video Player (mpeg1), Video Player (mpeg2 TS)
 Theatre Mode (Theatre Button): Yes
 Show/Hide Channels: Yes
 Auto Shut-off: Yes
 BRAVIA® Sync™ : Yes
 Parental Control: Yes
 BRAVIA® Sync™ Menu Button: Yes (on Remote Control)
 On-Screen Display for External Input: Yes
 PIP (Picture in Picture): PC Input(HD15/HDMI) & TV Channel/CVBS/(HDMI)/(Component)
 Channel Labels: Yes
 Program Block: Yes
 Short Banner: Yes
 Auto Photo Mode: via USB
 Picture Adjustments Lock: Yes
 White Balance: RGB Gain/Bias
 Auto Picture Setting w/HDMI™ : Cinema, Photo, Graphics, Game

Scene Select: Auto, Cinema, Sports, Photo, Music, Game, Graphics, General
 Favorites (Simple UI): Yes
 Ambient Sensor: Yes
 Picture Frame Mode: Yes
 Stand Swivel: Yes
 Stand Swivel Range: Left 20°/Right 20°
 Start Up Sony Logo Display: Yes
 USB Player: Yes

Specifications

Display

Viewing Angle (Right/Left): 178(89/89)
 Viewing Angle (Up/Down): 178(89/89)
 Screen Size (measured diagonally): 54.6"
 Display Resolution: Full HD 1080(1920x1080)
 Aspect Ratio: 16:9
 Screen Size (cm): 138.8cm

TV System

Tuner (Cable): QAM
 Tuner (Terrestrial): ATSC™ / NTSC
 Channel Coverage: VHF: 2-13ch
 UHF: 14-69ch
 CATV (analog): 1-135ch
 CATV (digital) : 1-135ch
 TV System (Analog): M
 Number of Tuners (Analog): 1(Hybrid)
 Number of Tuners (Digital): 1(Hybrid)
 TV System (Digital): ATSC
 Color System: NTSC

Video

Video Signal: 1080/60p (HDMI™ / COMPONENT), 1080/60i, 1080/24p (HDMI™ ONLY), 720/60p, 480/60p, 480/60i

Audio

Audio Power Output: 20W (10W x 2)
 Speakers (Total): 2
 Speaker Configuration: 2

Inputs and Outputs

Component Video (Y/Pb/Pr) Input(s): 2 (Rear) (1 fixed/1 selectable)
 Composite Video Input(s): 2 (1 Side/1 Rear)
 Digital Audio Output(s): Optical Digital Output - 1 (Rear)
 RF Connection Input(s): 1 (Rear)
 Analog Audio Input(s) (Total): 4 (1 Side / 3 Rear)
 Audio Out: 1(Rear)
 HDMI™ Connection(s) (Total): 4 (2 Side/2 Rear)
 PC In (D-Sub) + Audio In (Stereo Mini): 1 (Rear)
 USB 2.0: 1(Side)
 HDMI™ PC Input: Yes
 AC Power Input: 1 (Rear) AC Socket

Power

Power Consumption (in Standby): Less than 0.23W (AC120V), Less than 0.4W (AC240V)
 Power Requirements (voltage): AC 120V
 Power Requirements (frequency): 60Hz
 Power Consumption (in Operation) max.: 315W Max

Regulation and Standard Compliance

VESA® Hole Spacing Compatible: Yes
 VESA® Hole Pitch: 400x300 (55")

Service and Warranty Information

Limited Warranty Term: 1 Year Labor / 1 Year Parts

Energy Saving & Efficiency

Power Saving Modes: Yes

Eco Settings: Yes
 Dynamic Backlight Control: Yes
 Backlight Off Mode: Yes
 Estimated Annual Energy Consumption (kWh): 305.0 kWh
 Idle TV Standby: Yes
 Power Consumption (On Mode) for Energy Star: 166.0W
 Power Consumption (Standby Mode) for Energy Star: 0.23W

Recycled & Recyclable Materials

Product Materials: Recycled Plastic
 Packaging Materials: Recycled Carton (more than 20%)
 Printed Materials: FSC Certified

Dimensions

Weight: 67.7 lbs. (30.7kg) with pedestal; 58.9 lbs. (26.7kg) without pedestal
 Measurements: 52 1/4 x 32 7/8 x 13.875 in (1324 x 832 x 350mm) with pedestal; 52 1/4 x 31 3/8 x 4 1/8 in (1324 x 795 x 105mm) without pedestal

Supplied Accessories

Remote Control (RM-YD034)
 Batteries (Type AAA x2)
 AC Power Cord (attached)
 Screws (for pedestal (M5X16, 4 screws)
 Operating Instructions
 Quick Setup Guide
 Warranty Card
 Table Top Stand (separate, pre-assembled)

Optional Accessories

Wallmount Bracket (SU-WL500)

UPC Code: 027242784932

1. Works with other BRAVIA® Sync or Theatre Sync™ labeled home audio/video products when connected via HDMI™ interface
2. USB device must be formatted FAT-32.
3. Limited to resolutions supported by both the PC and the Sony TV. See Sony TV user's manual and PC documentation for supported resolutions.

© 2010 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, BRAVIA, BRAVIA Engine, BRAVIA Sync, Ambient Sensor, Motionflow, and their respective logos are trademarks of Sony. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks of HDMI Licensing LLC. All other trademarks are trademarks of their respective owners. Features and specifications are subject to change without notice. Non-metric weights and measures are approximate.

Please visit the Dealer Network for current information at www.sony.com/dn