



Key Features

- 16:9 Full HD 1080p Resolution Panel (1920x1080)
- Motionflow™ 120Hz technology delivers natural motion
- BRAVIA Engine™ 2 PRO fully digital video processor
- Advanced Contrast Enhancer circuit (ACE)
- 10-bit panel
- Live Color Creation™ technology
- x.v.Color™ technology2
- Deep Color
- Dynamic Video Noise Reduction adaptive technology
- 24p True Cinema™ capable
- DMeX™ capable
- DIGITAL MEDIA PORT
- BRAVIA® Sync capable



Key Technologies

**16:9 Full HD 1080p Resolution Panel** 16:9 Full HD 1080p resolution panel (1920 x 1080) accepts any HDTV signal and renders it with optimum resolution.

**Motionflow™ 120Hz technology** Motionflow™ 120Hz technology doubles the frame rate to help remove judder in film sources, HD content, broadcast movies and primetime programming, creating smoother, more fluid motion that delivers a natural and realistic viewing experience.

**BRAVIA Engine™ 2 PRO** BRAVIA Engine™ 2 PRO is Sony's most advanced video processing system, utilizing the latest generation of Digital Reality Creation technology to render a supremely sharp, crystal clear image from any video resolution.

**Advanced Contrast Enhancer circuit (ACE)** Advanced Contrast Enhancer circuit (ACE) dynamically improves contrast, resulting in deep blacks in darker scenes without losing fine details in shadows and other dark areas of the picture.

**10-bit processor / 10-bit panel** 10-bit processor and 10-bit panel combine to create allow 64 times the levels of expression versus 8-bit panels, resulting in smoother transitions from color to color and faithful reproduction of subtle color changes.

**Live Color Creation™ technology** Live Color Creation™ technology with WCG-CCFL backlight uses advanced chroma signal processing to widen the color reproduction range for overall more natural and vibrant colors.

**x.v.Color™ technology** x.v.Color™ technology<sup>2</sup> adopts the x.v.YCC international color standard to display nearly twice as many (1.8x) viewable colors than the existing RGB color standard.

**Dynamic Video Noise Reduction** Dynamic Video Noise Reduction adaptive technology analyzes the motion, sharpness and brightness of each scene in real time to identify various types of noise and reduce unwanted artifacts without compromising the video signal.

**Features**

**General**

RS-232C Control: Yes  
 Closed Caption Button: Yes  
 Closed Captions (CC): Yes  
 On-Screen Display: Enhanced GUI + XMB  
 Auto CC on Mute: Yes  
 Illuminated Sony Logo: Yes  
 Touch Sensor: Yes  
 Finish (Surface Color): Piano Black  
 BRAVIA® Link Module support: Yes

**Display**

Backlight Type: WCG-CCFL  
 Panel Type: LCD

**Video**

Video Processing: Bravia Engine 2PRO™ Technology  
 CineMotion® Reverse 3:2 Pulldown Technology: Yes  
 Wide Mode: Wide Zoom, Normal, Full, H Stretch, Zoom  
 Display Technology: LCD (178° wide viewing angle LCD display panels)  
 Deep Color: Yes  
 3D Comb Filter: Yes  
 PhotoTV HD: Yes  
 MPEG Noise Reduction: Yes  
 Live Color Creation™ Technology: Yes  
 Auto Wide: Yes  
 4:3 Default: Yes  
 24p True Cinema™ Technology: Yes  
 x.v.Color™ Technology: Yes  
 Picture Mode: Vivid, Standard, Cinema, Custom; Photo-Vivid, Photo-Standard, Photo-Original, Photo-Custom  
 Advanced Contrast Enhancer (ACE): Yes  
 Image Blur Reduction: Yes  
 Motionflow™ Technology: Motionflow™ 120Hz  
 Game Text Mode: Yes

**Audio**

Digital Amplifier: Yes  
 Simulated Surround: Yes  
 Voice Zoom: Yes  
 Auto SAP: Yes  
 Auto Mute (on no signal): Yes  
 Steady Sound® Automatic Volume Control: Yes  
 Audio Out: Yes  
 Sony Original Surround: S-Force®  
 Stereo System: MTS  
 Dolby®: Dolby® Digital  
 Alternate Audio (Digital): Yes  
 Sound Booster: Yes  
 5.1 Channel Audio Out: Yes  
 Sound Mode: Dynamic, Standard, Clear Voice

**Convenience**

Channel Jump: Yes  
 Favorite Channel: Yes  
 Program Guide Access: Yes  
 Multiple Language Display: English, Spanish, French  
 Info Banner: Yes  
 Sleep Timer: Yes  
 Clock: Yes  
 Input Skip: Yes (Auto)  
 Channel Surf: Yes  
 Channel Block (with password): Yes  
 Edit Channel Labels: Yes  
 Label Inputs: Yes

ID-1 Detection: Yes  
 Initial Setup: Yes  
 On/Off Timer: Yes  
 PAP (Picture & Picture): Yes  
 TV Guide On Screen: Yes  
 USB Application(s): Music Player (mp3), Photo Viewer (Jpeg)  
 Theatre Mode (Theatre Button): Yes  
 Show/Hide Channels: Yes  
 PAP (Fixed or Variable): Fixed  
 BRAVIA® Sync™ : Yes  
 Parental Control: Yes  
 BRAVIA® Sync™ Menu Button: Yes  
 Freeze: Yes  
 On-Screen Display for External Input: Yes  
 PIP (Picture in Picture): PC Input  
 Channel Labels: Yes

**Network**

DLNA: Yes

**Specifications**

**General**

Television Type: Flat Panel LCD HDTV

**Display**

Viewing Angle (Right/Left): 178° (89/89)  
 Viewing Angle (Up/Down): 178° (89/89)  
 On-screen Contrast Ratio: 1,500:1  
 Dynamic Contrast Ratio: 15,000:1  
 Screen Size (measured diagonally): 70"  
 Native Resolution: 1920 x 1080  
 Display Resolution: 1920 x 1080p (Full HD)  
 Panel Bit: 10-bit  
 Aspect Ratio: 16:9

**TV System**

Tuner (Cable): QAM  
 Tuner (Terrestrial): ATSC, NTSC  
 TV System (Analog): NTSC  
 Number of Tuners (Analog): 1  
 Number of Tuners (Digital): 1  
 TV System (Digital): ATSC

**Video**

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

**Audio**

Audio Power Output: 10 W + 10 W, 12 W + 12 W (Woofer)  
 Speakers (Total): 4

**Inputs and Outputs**

Component Video (Y/Pb/Pr ) Input(s): 2 (Rear)  
 Composite Video Input(s): 3 (1 Side/2 Rear)  
 Digital Audio Output(s): Optical Digital Output - 1 (Rear)  
 RF Connection Input(s): 1 (Rear)  
 S-Video Input(s): 1 (Rear)  
 Analog Audio Input(s) (Total): 6 (1 Side/5 Rear)  
 Audio Out: 1 (Rear)  
 HDMI™ Connection(s) (Total): 4 (1 Side/3 Rear)  
 PC In (D-Sub) + Audio In (Stereo Mini): 1 (Rear)  
 USB 2.0: 1 (Side)  
 HDMI™ Connection(s) (w/ Analog Audio In): Yes  
 HDMI™ PC Input: Yes  
 S-Video Detection: Yes  
 AC Power Input: 1 (Rear)

Digital Media Port: 1 (Rear)  
 RS-232C Input(s): Yes  
 Ethernet Connection(s): 1 (Rear)  
 Analog Audio Input(s) for HDMI™ : Yes

**Power**

Power Consumption (in Operation): 700W  
 Power Consumption (in Standby): 0.2W  
 Power Requirements (voltage): AC 120V

**Regulation and Standard Compliance**

VESA® Hole Spacing Compatible: Yes  
 VESA® Hole Pitch: 400(W) x 300(H); M6 screw, 16mm length

**Service and Warranty Information**

Limited Warranty Term: 18 Months Parts / 18 Months Labor

**Energy Saving & Efficiency**

LightSensor™ Technology: Yes  
 Power Saving Modes: Yes  
 Energy Star® compliant: Yes  
 PC Power Management: Yes

**Dimensions**

Weight: 191 lbs. (86.5kg) with pedestal; 160 lbs. (72.5kg) without pedestal  
 Measurements: 72.875 x 42 x 15.875 in (1850 x 1065 x 401mm) with pedestal; 72.875 x 39.875 x 6.125 in (1850 x 1012 x 153mm) without pedestal

**Supplied Accessories**

RM-YD024 Remote Control  
 2 x AA  
 Operating Instructions  
 Quick Setup Guide  
 Warranty Card  
 On-line Registration Card  
 Online POP  
 Table Top Stand (attached)  
 AC Powercord

**Optional Accessories**

SU-WL500 Wallmount Bracket

Color: Piano Black  
 UPC Code: 027242739086

- Limited to resolutions supported by both the PC and the Sony TV. See Sony TV users manual and PC documentation for the supported resolutions.
- Requires x.v.Color™ capable video source, such as select Sony camcorders.
- Media streaming requires a PC with Microsoft Windows XP, SP2 or later or DLNA-compliant media server. Home network required and sold separately.
- Special TV settings are required. Further details are available in the BRAVIA® TV instruction manual.
- Broadband internet connection speed of at least 2.5 Mbps recommended; 10 Mbps required for HD content. Video quality and picture size varies and is dependent on broadband speed and delivery by content provider. Content subject to change.
- BRAVIA Sync works with select Sony HDTVs and home theater products

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