



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
- DMe™ 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™ technology² 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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