

Key Features

- 16:9 Full HD 1080p Resolution Panel (1920x1080)
- Motionflow™ 120Hz technology delivers natural motion
- BRAVIA Engine™ fully digital video processor
- Advanced Contrast Enhancer circuit (ACE)
- Live Color Creation™ technology
- x.v.Color™ technology²
- 10-bit processor / 10-bit panel
- DMe^x™ capable
- Deep Color (HDMI™ v1.3 option)



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™ BRAVIA Engine™ fully digital video processor uses a collection of unique Sony algorithms to significantly reduce noise, enhance overall image detail, and optimize contrast so every scene produces sharp, vibrant, life-like images.

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.

DMe^x™ enabled DMe^x™ functionality expands your HDTV's capabilities by letting you connect optional BRAVIA® Link modules, including the BRAVIA® Internet Video Link, BRAVIA® DVD Link, BRAVIA® Wireless Link and BRAVIA® Input Link (all sold separately).

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.

24p True Cinema capable 24p True Cinema mode enables you to enjoy films at their intended 24 fps (frames per second) when viewed using a 24p capable output device, such as a Blu-ray Disc™ player.

DIGITAL MEDIA PORT The DIGITAL MEDIA PORT connection allows the use of an optional DIGITAL MEDIA PORT cradle to connect digital devices directly to your BRAVIA® HDTV.

DLNA compliant DLNA (Digital Living Network Alliance) compliance allows BRAVIA® XBR®6-Series HDTVs to access digital photos from DLNA-enabled PCs and other devices³.

PhotoTV HD⁴ Bring your photos to life and enjoy highly detailed, Full HD 1920x1080 images with the PhotoTV HD⁴ mode. PhotoTV HD fine tunes settings on your BRAVIA® XBR®6-Series HDTV such as sharpness, gradation and color to display images that more closely match the look of printed photographs.

Features

General

Closed Caption Button: Yes
 Fanless Design: Yes
 Closed Captions (CC): Yes
 On-Screen Display: Enhanced GUI + XMB
 Auto CC on Mute: Yes
 Illuminated Sony Logo: Yes
 Finish (Surface Color): Piano Black
 Supports Rear Mounting of DMeX™ Module: Yes
 BRAVIA® Link Module support: Yes

Display

Backlight Type: WCG-CCFL
 Panel Type: LCD
 Display Device: LCD
 Display Technology: LCD (178° wide viewing angle LCD display panels)

Video

Video Processing: Bravia Engine 2™ Technology
 CineMotion® Reverse 3:2 Pulldown Technology: Yes
 Game Mode: Yes
 Wide Mode: Wide Zoom, Normal, Full, Zoom, H Stretch (HD)
 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

Audio

Digital Amplifier: 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
 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
 Swap Sound: 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
 On-Screen Clock: Yes
 TV Guide On-Screen: Yes

Network

DLNA: Yes
 IP Network Update: Yes

Specifications

General

Television Type: 16:9 Flat Panel LCD HDTV

Display

Viewing Angle (Right/Left): 178°
 Viewing Angle (Up/Down): 178°
 On-screen Contrast Ratio: 3,000:1
 Dynamic Contrast Ratio: 50,000:1
 Screen Size (measured diagonally): 46" Class (45.5")
 Native Resolution: 1920 x 1080
 Display Resolution: 1920 x 1080p (Full HD)
 Panel Bit: 10-bit
 Aspect Ratio: 16:9
 Color Range (u'v'): 102%?NTSC
 Color Range (xy): 91%?NTSC

TV System

Tuner (Cable): QAM
 Tuner (Terrestrial): NTSC, ATSC
 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, 720p, 1080/60i, 1080/24p (HDMI™ only), 1080/60p (HDMI™ / Component)

Audio

Audio Power Output: 16W (8W x 2) + 11W Subwoofer
 Speakers (Total): 3

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): 1 (Rear) Optical Digital Output
 RF Connection Input(s): 1 (Rear)
 S-Video Input(s): 1 (Rear)
 PC Input(s): Yes
 Analog Audio Input(s) (Total): 7 (1 Side/6Rear)
 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™ PC Input: Yes
 S-Video Detection: Yes
 AC Power Input: 1 (Rear)
 Digital Media Port: 1 (Rear)
 Ethernet Connection(s): 1 (Rear)
 Analog Audio Input(s) for HDMI™ : Yes

Power

Power Consumption (In Standby): 0.20W
 Power Requirements (voltage): AC 120V
 Power Consumption (In Operation) max.: 285W

Regulation and Standard Compliance

VESA® Hole Spacing Compatible: Yes

VESA® Hole Pitch: 300 x 300 mm, M6 Screw Type, 16mm Screw Length

Service and Warranty Information

Limited Warranty Term: 1 Year Parts / 1 Year Labor

Energy Saving & Efficiency

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

Dimensions

Weight: 62 lbs. (28kg) with pedestal; 52 lbs. (23.5kg) without pedestal
 Measurements: 42 7/8 x 30 1/8 x 12 1/8 in (1089 x 765 x 307mm) with pedestal; 42 7/8 x 28 1/2 x 4.125 in (1089 x 723 x 104mm) without pedestal

Supplied Accessories

RM-YD024 Remote Control
 Batteries (2 x AA)
 AC Power Cord
 Operating Instructions
 Quick Setup Guide
 Warranty Card
 Cable Clamp
 Pedestal (separate)

Optional Accessories

WS-S10LS Stand
 SU-FL71M Stand
 SU-WL500 Wallmount Bracket
 CRU-46SG12/R Ruby color speaker grill
 CRU-46SG12/B Obsidian color speaker grill
 CRU-46SG12/T Bronze color speaker grill
 CRU-46SG12/N Platinum color speaker grill

Color: Piano Black

UPC Code: 027242739123

- 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.
- BRAVIA Sync works with select Sony HDTVs and home theater products.

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