

◆ New



DIGITAL
MEDIA
PORT



Key Features

- Motionflow™ 120Hz technology
- BRAVIA® Engine™ fully digital video processor
- Advanced Contrast Enhancer circuit (ACE)
- 24p True Cinema capable
- DLNA® Compliant² (RJ-45 Ethernet jack)
- DIGITAL MEDIA PORT
- 10-bit processor/10-bit panel
- Deep Color (an HDMI™ v1.3 option)
- DMe^x capable
- ◆ Enhanced (XMB™) User Interface with Rich 3D Graphics



Key Technologies

Full HD 1080p It's a high definition world and the best high definition resolution this brave new world offers is 1080p; that's why Sony has more Full HD 1080p HDTVs than ever before. Full HD 1080p means our connections accept 1080p signals and the display will render that signal in Full HD 1080p. The flexibility of native 1920 x 1080 displays allows any high definition content to be viewed without the need to downconvert images to the native resolution of the display. Take full advantage of Blu-ray Disc™ players and PlayStation®3 systems that can deliver 1080p content.

DMe^x Sony's Digital Media Extender (DMe^x) offers a digital connection path for optional modules like the BRAVIA Internet Video Link, as well as other modules you can add in the future. Innovative DMe^x expansion capabilities integrate into the award-winning XMB™ user interface making HDTVs a powerful entertainment platform that not only meets current needs, but expands to meet tomorrow's needs as well.

Motionflow™ 120Hz Technology Motionflow 120Hz technology doubles the number of existing frames by calculating in real time and inserting 60 entirely new frames between the original 60 frames. It uses a special Sony-developed algorithm that detects specific objects, as well as the movement of the overall scene and intelligently applies the right amount of enhancement. There's more to the story. Unlike some other high frame rate technologies, Motionflow also includes Sony's unique Image Blur Reduction algorithm, which reduces blur from the original source image captured by a camera before applying motion enhancement technology. There are many forms of high frame rate technology in the market today, but only Motionflow 120Hz technology uses special Sony algorithms designed to intelligently detect and apply the right amount of enhancement to reduce judder and deliver a smoother, sharper picture with more natural motion of the original film.

BRAVIA® Engine™ Technology The latest version of Sony's respected BRAVIA Engine fully digital video processor uses a collection of unique SONY algorithms to significantly reduce noise and produce sharp, vibrant, life-like images... Dynamic Noise Reduction: Intelligently identifies and dramatically reduces noise in the signal according to the motion and brightness of each scene for clearer, crisper images. Detail Enhancement: Improved image enhancement algorithms render greater overall detail. Contrast Enhancement: Works with the Advanced Contrast Enhancer circuit to optimize the contrast for every scene to create better depth and reality. BRAVIA Engine technology optimizes the color, contrast, detail and clarity of every scene for the exceptional performance that BRAVIA HDTVs are known for.

Advanced Contrast Enhancer (ACE) Part of the cinematic drama in film-making comes from details found in shadows and dark areas of the picture. Sony's Advanced Contrast Enhancer (ACE) uses real-time image processing to dynamically adjust backlight levels for improved contrast without

Features

General

Channel Fix: Yes
 DMEx Seamless Upgradeable: Yes

Video

Video Processing: BRAVIA Engine™ 2 Technology
 CineMotion® Reverse 3:2 Pulldown Technology: Yes
 Game Mode: Text
 x.v.Color™ : Yes
 MotionFlow™ 120Hz: Yes
 BRAVIA® Theatre Sync™ : Yes
 Deep Color: Yes
 Advanced Contrast Enhancer (ACE) Technology: Yes
 3D Comb Filter: Yes
 24p True Cinema: Yes
 PhotoTV HD: Yes
 MPEG Noise Reduction: Yes
 Live Color Creation™ Technology: Yes

Audio

Digital Amplifier: Yes
 Simulated Surround: Yes
 Dolby® Digital: Yes
 Voice Zoom: Yes
 S-Force® Front: Yes
 Auto Mute (on no signal): Yes

Convenience

Channel Label: Yes
 Channel Jump: Yes
 Favorite Channel: Yes
 Multiple Language Display: English, Spanish, French
 Parental Control (V-Chip): Yes
 Info Banner: Yes
 Clock: Yes
 Power Save Mode: Picture Off, Yes
 Edit Channel Labels: Yes
 Label Inputs: Yes (Auto)
 ID-1 Detection: Yes
 On/Off Timer: On only
 Auto CC on Mute: Yes
 HDMI™ CEC Menu Button: Yes
 PAP (Picture & Picture): Yes, Fixed
 PC Input PIP (Picture in Picture): Yes
 Swap Picture: Yes
 Swap Sound: Yes
 TV Guide On Screen: Yes

Specifications

General

Screen Size: 46" (measured diagonally)

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

Video

Dynamic Contrast Ratio: 30,000:1
 On-screen Contrast Ratio: 3,000:1

Audio

Steady Sound® Automatic Volume Control: Yes

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)
 Headphone Output(s): 1 (Side)
 RS-232C Control: Yes
 Analog Audio Input(s) (Total): 6 (1 Side/5 Rear)
 HDMI™ Connection(s) (Total): 4 (1 Side/3 Rear)
 AC-In: 1 (Rear)
 PC In (D-Sub) + Audio In (Stereo Mini): 1 (Rear)
 HDMI™ PC Input Format Support: Yes
 DIGITAL MEDIA PORT (Connector): 1 (Rear)
 Audio Out (Fixed): 1 (Rear)

Power

Power Management: Yes (for PC Input Only)
 Input Voltage: AC 120-240V

Regulation and Standard Compliance

Energy Star® Compliant: Yes
 VESA® Hole Spacing Compatible: Yes

Service and Warranty Information

Limited Warranty: 1 year parts / 1 year labor

Dimensions

Weight: 58 lbs. (26kg) with pedestal; 49 lbs. (22kg) without pedestal
 Measurements: 42.5 x 29 x 12.1 in (1079 x 734 x 307mm) with pedestal; 42.5 x 27.1 x 3 in (1079 x 686 x 74mm) without pedestal

Supplied Accessories

RM-YD024 Remote Control
 Batteries (Type AA x 2)
 AC Power Cord
 Operating Instructions
 Quick Setup Guide
 Warranty Card
 Online Registration Card
 Registration Card
 Cable Clamper

Optional Accessories

RHT-G1500 Stand
 RHT-G900 Stand
 WS-S10LS Stand
 SU-WL500 Wallmount Bracket

Color: Piano Gloss Black
 UPC Code: 027242736627

1. Resolution Limited. See Sony TV and PC manuals.
 2. Media streaming requires PC with Microsoft Windows XP, SP2 or later or DLNA-compliant media server. Home network required and sold separately.

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