

Key Features

- 10-bit 16:9 HD Resolution Panel (1366 x 768)
- Motionflow™ 120Hz High Frame Rate Technology
- BRAVIA Engine™ full digital video processing system
- Live Color Creation™ with WCG-CCFL backlight
- DMe^x compatible - BRAVIA® Internet Video Link Ready³
- Xross Media Bar® (XMB™) on-screen menu system
- BRAVIA® Theatre Sync™ technology
- S-Force™ Front Surround 3-D audio effect
- Advanced Contrast Enhancer (ACE) circuit
- HDMI™ interface x2 (up to 1080/24p input & up to 1080/60p input)



Key Technologies

Motionflow™ 120Hz High Frame Rate Technology Achieving smoother, natural motion reproduction starts with the right performance characteristics such as the ultra fast panel response times our BRAVIA® HD LCD TVs have. Motionflow™ doubles the amount of frames from 60fps to 120fps and does it the right way by using real-time calculation of every single frame of video to create entire new frames of information. The results are spectacular and unlock a new level of motion reproduction. Motion performance is smooth and natural.

BRAVIA Engine™ Video Processing System The BRAVIA Engine™ video processing system came about as a result of Sony's expertise and long heritage in bringing cutting-edge picture quality to consumer televisions. It contains intelligent picture enhancement technology that reduces unwanted digital artifacts and delivers superb clarity and detail along with vivid colors. Sony's own Digital Reality Creation Multi-function v1.0 (DRC-MFv1) processor replaces the original SD signal with its HD equivalent. The result of BRAVIA Engine EX processing? Picture quality has texture and detail, deep and vibrant colors, along with excellent depth and contrast.

Live Color Creation (featuring WCG-CCFL) Live Color Creation is a special Sony function that achieves precise, wide color reproduction using a combination of advanced chroma signal processing algorithms. A special wide color gamut backlight (WCG-CCFL) is coupled with Sony's Live Color Creation circuitry. The benefit is clear blues, natural greens and overall vibrant colors in all scenes.

DMe^x Compatibility DMe^x compatibility allows the connection and operation of a whole new category of products that is being developed by Sony (sold separately). The first of these products is the optional BRAVIA® Internet Video Link module.

Xross Media Bar® (XMB™) On-Screen Menu System Xross Media Bar is Sony's Emmy Award² winning on-screen navigation that provides quick access to various set up functions and features. For instance selecting different types of media is made fun and easy by scrolling horizontally across icons until you find the type of media you are looking for. After selecting the media type, a list of its content appears as vertical thumbnails. Key set up menus and features work the same way. The main benefit of the XMB™ interface is that users can navigate through on-screen menus without taking their eyes off of their TV.

BRAVIA Theatre Sync™ BRAVIA® Theatre Sync™ reduces the hassle and time consuming job of powering up, changing the signal routing, and adjusting other functions to the simple push of one button. All you need to do is to connect BRAVIA® Theatre Sync™ capable products to each other via one HDMI cable. The rest is easy. For instance, the One Push Play function activates by touching the play button on the remote and BRAVIA® Theatre Sync™ takes over from there. The BRAVIA® Home Theatre System and TV turn on. The DVD input on the BRAVIA® Theatre system and TV activates. The TV mutes. And finally the DVD plays. There are two other BRAVIA® Theatre Sync™ functions - One-Push Theatre Settings, which provides optimal picture and sound settings for movies and One-Push System Shut Down for turning off the entire home entertainment system.

BRAVIA Internet Video Link The first DMe^x product to be introduced to the market is the DMX-NV1 BRAVIA Internet Video Link module (sold separately). BIVL, as it is affectionately called, can stream available Internet video from select content providers directly to your TV with a broadband connection³ without the need for a PC.



Features

General

Auto SAP: Yes
ID1 Detection: Yes
Video Label: Yes

Video

Tuner: ATSC (8VSB terrestrial) QAM on cable
Video Processing: BRAVIA Engine™ EX full digital video processing system
Noise Reduction: Yes
CineMotion® Reverse 3:2 Pulldown Technology: Yes
Comb Filter: Yes (3D Digital)
Game Mode: Yes
Light Sensor: Yes
Picture Modes: Vivid, Standard, Cinema
Wide Mode: Wide Zoom, Normal, Full Zoom
Backlight Type: WCG-CCFL with proprietary phosphors

Audio

Sound Mode: Dynamic, Standard, Custom
MTS Stereo Decoder: Yes
Digital Amplifier: Yes
Dolby® Digital Decoding: Yes
Steady Sound: Yes
Sound Booster: Yes
S-Force™ Front Surround: Yes

Convenience

Channel Label: Yes
Channel Skip/Add: Yes
Favorite Channel: Yes
Sleep Timer: Yes
Timer Events: On/Off Timer
Clock: Yes
Picture Freeze: Yes
Input Skip: Yes
Channel Surf: Yes
Parental Lock: Yes
Xross Media Bar®: Yes

Specifications

General

Screen Size: 32 inch class (31.5 inches measured diagonally)
Television Type: LCD Flat Panel

Video

Contrast Ratio: 1,600:1 (On-Screen⁴) / 8,000:1 (Dynamic⁵)
Resolution: 1366 x 768

Audio

Audio Power Output: 10W + 10W

Inputs and Outputs

Analog Audio Input(s): 5 (1 Side / 4 Rear)
Audio Out (Variable/Fixed): 1 (Rear)
Component Video (Y/Pb/Pr) Input(s): 2 (Rear)
Composite Video Input(s): 3 (1 Side / 2 Rear)
HDMI™ Connection Input(s): 3 (1 side w/o audio input / 1 rear with audio input / 1 rear w/o audio input) CEC capable
RF Connection Input(s): 2 (1 UHF/VHF / 1 Cable In) Rear
S-Video Input(s): 1 (Rear)
Headphone Output(s): 1 (Side)
PC Input(s): 1 (D-sub 15)¹
Optical Audio Digital Output(s): 1 (Rear)

Power

Power Consumption (in Operation): 190W
Power Consumption (in Standby): less than 0.1W
AC Power: 120-240V 50/60Hz

Regulation and Standard Compliance

Energy Star® Compliant: Yes
VESA: VESA Compatible

Service and Warranty Information

Limited Warranty: 1 Year Parts / 1 Year Labor

Dimensions

Weight: 37.48 lbs (17kg) with stand; 131.97 lbs (4.5kg) without stand
Measurements: 31.1" x 22.72" x 8.43" (790 x 577 x 214mm) with stand; 31.1" x 20.87" x 3.94" (790 x 530 x 100) without stand

Supplied Accessories

Remote Control (RM-YD014)
Tabletop Stand
Instruction Manual
Quick Set Up Guide
Warranty Card
On-Line Registration Card
Type AA Batteries x2
AC Power Cord

Optional Accessories

Wall Mount Bracket (SU-WL500)
BRAVIA® Internet Video Link (DMX-NV1)

Color: Black
UPC Code: 027242710221

1. Limited to resolutions supported by both the PC and the Sony TV. See Sony TV users manual and PC documentation for supported resolutions

2. Emmy is the copyrighted property of the Academy of Television Arts & Sciences and the National Academy of Television Arts & Sciences (ATAS/NATAS).
3. Connection speed of at least 3 Mbps recommended. Video quality and picture size varies and is dependent upon broadband speed and delivery by content provider.
4. Black-white range seen on the screen at once
5. Black-white range seen over a period of time

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Features and specifications are subject to change without notice. Non-metric weights and measures are approximate.



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