Key Features

- 16:9 HD Resolution Panel (1366x768)

- BRAVIA Engine™ full digital video processor

- Live Color Creation featuring WCG-CCFL backlight

- DMeX-ready with XMB GUI - Intuitive & Expandable

- HD Inputs - HDMI™ (x2), YPbPr (x2), PC Input

- HDTV with ATSC™ Digital Tuner with QAM

- BRAVIA Engine™ full digital video processor

- Digital audio amplifier

- 16:9 HD Resolution Panel (1366x768)

- Light sensor backlighting control

Key Technologies

BRAVIA Engine™ Video Processing System BRAVIA® S-Series LCD televisions use Sony's BRAVIA Engine™ full digital video processor for crisp and clear images. Several special picture enhancement technologies are integrated into the processor to create better gradations with more detail, enhance contrast, and dynamically improve color performance.

> Digital Noise Reduction Circuits: Reduces block noise and mosquito noise by using pixel-level filtering to reproduce a clean and clear picture. And Motion Vector Noise Reduction reduces just the noise in the video signal for video further reducing unwanted noise and blur artifacts.

> Digital Contrast Enhancer circuit: Improves contrast by enhancing all areas from dark to bright in parallel with texture control providing a three dimensional picture.

> Color Reality signal processing enables the expression of all the colors of life in vivid detail for dark and bright scenes. Details in dark areas of the picture are there, just like they are supposed to be.

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.

Xross Media Bar (XMB®) On-Screen Menu System Xross Media Bar is Sony's Emmy Award[2] 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™ is that users can navigate through on-screen menus without taking their eyes off of their TV.

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.

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 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). The DMX-NV1 can stream available Internet video from select content providers directly to your TV with a broadband connection[3] without the need for a PC.

S-Force™ Front Surround S-Force™ Front Surround is a virtual surround sound experience made possible using just two front speakers – in select BRAVIA models. To accomplish this, Sony spent several years studying how our ears work. By understanding exactly how we recognize the origin, direction, volume and timing differences in sound right and left ear, Sony was able to create complex audio processing that delivers dynamic virtual surround sound without the need to bounce sound off walls and back to the listener.

64x 10-BIT

BE BRAVIA ENGINE

S-FORCE FRONT SURROUND

ENERGY STAR

Features

General

Closed Captions (CC): Yes
DMeX™ support: Yes

Display

Backlight Type: WCG-CCFL (Wide Color Gamut - CCFL)
Display Technology: LCD (178° wide viewing angle LCD display panels)

Video

Video Processing: Yes (BRAVIA Engine™ System)
Noise Reduction: Yes
10-bit Video Processing: Yes
3D Comb Filter: Yes
Live Color Creation™ Technology: Yes
Picture Mode: Vivid, Standard, Cinema

Audio

Auto SAP: Yes
Steady Sound® Automatic Volume Control: Yes
Stereo System: MTS
Dolby®: Dolby® Digital (AC3/ATSC only)
Audio Mode: Dynamic, Standard, Custom
SRS®: SRS® TruSurround® XT Audio Effect

Convenience

Favorite Channel: Yes
Sleep Timer: 15, 30, 45, 60, 90, Off
Clock: Yes
Power Save Mode: Standard, Reduced, Picture Off
Input Skip: Yes
Remote Control: Yes
Label Inputs: Yes
ID-1 Detection: Yes
On/Off Timer: Yes
BRAVIA® Theatre Sync™ : Yes (One-Button Home Theater Control (HDMI-CEC))
Show/Hide Channels: Yes
Parental Control: Yes
On-Screen Display: Menu
LightSensor™ Technology: Yes
Freeze: Yes
Channel Labels: Yes

Specifications

General

Television Type: Flat Panel LCD HDTV

Display

Viewing Angle (Right/Left): 178°
Viewing Angle (Up/Down): 178°
Dynamic Contrast Ratio: 8000:1
Screen Size (measured diagonally): 32" Class (31.5")
Native Resolution: 720p

Display Resolution: 1366 x 768p (HD)
Display Response Time: 8ms (gray to gray)
Aspect Ratio: 16:9

TV System

Tuner (Cable): QAM
Tuner (Terrestrial): ATSC
TV System (Digital): ATSC

Video

Advanced Video Processor: CineMotion® /Film Mode/Cinema Drive, Contrast enhancer circuit, Green and blue enhancer, Motion and edge adaptive I/P converter, MPEG Noise Reduction

Audio

Audio Power Output: 20W (10W x2)

Inputs and Outputs

Audio Out (Variable/Fixed): 1 (Rear)
Component Video (Y/Pb/Pr) Input(s): 2 (Rear)
Composite Video Input(s): 3 (2 Rear/1 Side)
Digital Audio Output(s): 1 (Rear)
RF Connection Input(s): 1 (Rear)
S-Video Input(s): 2 (1 Rear/1 Side) rear input has Auto S Video Input Detection
Headphone Output(s): 1 (Side)
PC Audio Input(s): 1 (Rear)
PC Video Input(s): 1 (Rear) with D-sub 15 and L/R stereo mini plug connection[1]
Analog Audio Input(s) (Total): 5 (4 Rear/1 Side)
HDMI™ Connection(s) (Total): 2 (Rear)
HDMI™ Connection(s) (w/ Analog Audio In): 1 with L/R RCA audio connections

Power

Power Consumption (in Operation): 158W
Power Consumption (in Standby): Less than 0.1W
Power Requirements: AC 120-240V, 50/60Hz

Regulation and Standard Compliance

Energy Star® Compliant: Yes
VESA® Hole Spacing Compatible: Yes
VESA® Hole Pitch: 200 x 200 hole pattern / M6 thread size / 14mm hole depth

Service and Warranty Information

Limited Warranty Term: 1 Year Parts / 1 Year Labor

Dimensions

Weight: 37.5 lbs (17kg) with pedestal; 32lbs (14.5kg) without pedestal

Supplied Accessories

Tabletop Stand
RM-YD018 Remote Control
AA x 2 Batteries
Support belt and screws

Operation Manual

Optional Accessories

SU-WL500 Wall Mount Bracket
RHT-G800 Audio Stand
SU-FL300M TV Stand

Color: Sedona Red
UPC Code: 027242729308

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 1 Mbps recommended. Video quality and picture size varies and is dependent upon broadband speed and delivery by content provider.

Please visit the Dealer Network for current information at www.sony.com/dn