**Key Features**

- **Motionflow™ 120 Hz with Full HD high frame rate capability**
- **10-bit 16:9 Full HD 1080p Resolution Panel (1920x1080)**
- **BRAVIA Engine™ EX Video Processor**
- **Live Color Creation System featuring WCG-CCFL backlight**
- **Advanced Contrast Enhancer (ACE)**
- **Dynamic Contrast Ratio 16,000:1² with ACE (On-screen Contrast Ratio 2,000:1¹)**
- **Deep Color capability (HDMI v1.3 option)**
- **x.v.Color™ connectivity (HDMI v1.3 option)**
- **Xross Media Bar® (XMB) Advanced HD User Interface**
- **DMe² Feature Expansion Capability**

**Key Technologies**

**Motionflow™ 120 Hz with Full HD high frame rate capability**
Taking motion performance to the next level requires innovation and expertise. Enter Sony's Motionflow™ High Frame Rate technology. Motionflow™ detects the incoming video signal and applies the appropriate processing for optimum motion reproduction. Taking full advantage of film sourced 24fps encoded content available on DVD and Blu-ray Disc, Motionflow™ eliminates the need for 3:2 pulldown and delivers smooth, judder free video, faithfully preserving the integrity of the original film. When 60fps content is detected, Motionflow™ doubles the amount of frames and uses real-time calculation to create a new level of natural motion reproduction. You'll experience movies and sports with a greater sense of realism than ever before.

**Full HD 1080**
There are a lot of ways to define high-definition but BRAVIA® Full HD means you’re getting the best resolution that high-definition has to offer consumers. With Sony BRAVIA WL Series HDTVs, Full HD 1080 means 1920 x 1080 pixels and 1080p video inputs. Your lifestyle demands the best in high-definition and with BRAVIA Full HD 1080 products you get it.

**1920 x 1080 Native Panel Resolution**
When it comes to high-definition TV the pinnacle of performance is achieved by using 1920 x 1080 display panels. Full HD 1920 x 1080 panel resolution with over 2 million pixels (more than twice that of 720p HDTV) is exactly what you need to reproduce the 1080p content that can be delivered by our cutting edge 1080p Blu-ray disc™ player.

**10-bit Processing and 10-bit Display**
While it's great to state that a TV is capable of creating billions of colors it's a whole lot better when you have a display that can actually display them. That’s the logic behind Sony’s 10-bit processor and 10-bit display. Sony follows 10-bit processing with a 10-bit panel, allowing 64 times the levels of color expression than an 8-bit panel. What that translates to is smoother transitions from color to color and subtle color changes faithfully reproduced.

**BRAVIA Engine™ EX Full Digital Video Processor**
BRAVIA Engine™ EX full digital video processing system is based on Sony's BRAVIA Engine video processing system. It has all of the same functions of BRAVIA Engine plus the added ability to upconvert 480i standard definition signals (such as 480 DVDs and TV broadcasts) via Digital Reality Creation Multi Function v1.0 (DRC-MF v1.0) technology, which renders a picture with four times the density of the original one resulting in a picture with more detail and definition.

**Live Color Creation™ System featuring WCG-CCFL**
Many colors in the real world such as deep reds, greens and clear blues cannot be expressed with conventional display technologies. Working in combination with the special WCG-CCFL backlight in LCD HDTVs or the optical engine in our MDPJ HDTVs, Live Color Creation technology achieves wide color reproduction using advanced chroma signal processing algorithms. The primary benefits are clear blues, natural greens and an overall vibrant color for all scenes.

**Advanced Contrast Enhancer (ACE) Function**
Sony’s Advanced Contrast Enhancer (ACE) builds on our excellent on-contrast ratio performance of 2,000:1¹. A Dynamic Contrast Ratio of up to 16,000:1² is achieved by using real-time image processing to adjust the contrast along with optimizing backlight levels. But rather than focus on the "numbers", Sony focuses on actual picture performance avoiding exaggerated blacks where detail can be lost. ACE translates to blacker blacks in darker scenes, as well as better shadow detail in other scenes for a difference that you can see.

**x.v.Color™ technology**
BRAVIA® HDTVs' performance has now advanced to the point that the color range can be defined by limitations in the original video source, rather than the TV. Thanks to the adoption of a newly approved international color standard called xWCG (an option in the HDMI v1.3 spec and which Sony participated in creating), the color space has been greatly expanded. 1.8 times as many natural colors as existing HDTV signals will now be faithfully reproduced. x.v.Color enabled products can now offer more accurate color reproduction and natural colors beyond broadcast HDTV.

**24p True Cinema (24p Input Capability)**
Many movies are filmed at 24 frames per second (fps) and prime time TV programs are recorded at 24p. Seizing on an opportunity, some studios are taking a purist approach and encoding high definition video content such as Blu-ray Disc™ in 24p. Sony wisely takes advantage of this by including 24p output capability on our Blu-ray Disc™ player. As well as including 24p input capability select 2007 BRAVIA TVs. The benefit- Images are smooth and natural looking. Once you experience 24p video it will be hard to view video without it.
Features

General
Video Label: Yes
Closed Captions (CC): Yes

Video
Video Processing: Yes (BRAVIA Engine™ EX)
Noise Reduction: Yes
Comb Filter: Yes (3D Digital Comb Filter)
DRC® Multifunction Circuitry: Yes (DRC MF V1.0)
Game Mode: On/Off
Light Sensor: Yes
Display Technology: LCD (178° wide viewing angle LCD display panels)
High Definition: Yes (Full HD 1080)
x.v.Color™: Yes
MotionFlow™ 120Hz: Yes
10-bit Display Panel: Yes
BRAVIA® Theatre Sync™: Yes (One-Button Home Theater Control (HDMI-CEC))
10-bit Video Processing: Yes
Deep Color: Yes
Live Color Creation™ Technology: Yes

Audio
MTS Stereo Decoder: Yes (with SAP)
Digital Amplifier: Yes
Sound Booster: Yes
Voice 2bom: Yes
Steady Sound® Automatic Volume Control: Yes
Sony Original Surround: SForce® Front
Dolby®: Dolby® Digital (ATSC / QAM only)

Convenience
Channel Skip/Add: Yes
Favorite Channel: Yes
Programmable Timer: Yes
Sleep Timer: 15, 30, 45, 60, 90, Off
Timer Events: On/Off Timer
Clock: Yes
Power Save Mode: Standard, Reduced, Picture Off
Picture Freeze: Yes
Input Skip: Yes
Channel Surf: Yes
Xross Media Bar®: Yes (Graphical User Interface)
Remote Control: Yes (RM-YD014)
Optimized Theater Mode: Yes
ID-1 Detection: Yes
LightSensor™: Yes
Parental Control: Yes
DMe<sup>XTM</sup> Ready: Yes (Feature Expansion Capability)

Specifications

General
Aspect Ratio: 16:9
Screen Size: 52 inches measured diagonally
Television Type: Flat Panel LCD HDTV

Video
Native Resolution: 1080p
Display Resolution: 1920 x 1080

Audio
Audio Power Output: 22W (11W x2)

Inputs and Outputs
Analog Audio Input(s): 5 (4 Rear/ 1 Side)
Component Video (Y/Pb/Pr) Input(s): 2 (Rear)
Composite Video Input(s): 3 (2 Rear/ 1 Side)
Digital Audio Output(s): 1 (Rear)
Headphone Output(s): 1 (Rear)
PC Audio Input(s): 1 (Rear)
PC Video Input(s): 1 (Rear) with D-sub 15 and L/R stereo mini plug connection
HDMI™ Connection(s): 1 (Rear) with Analog Audio Input
HDMI™ Connection(s) (w/ Analog Audio In): 1 rear input has L/R audio inputs
Audio Out (Fixed): 1 (Rear)

Power
Power Consumption (in Operation): 295W
Power Consumption (in Standby): Less than 0.4W

Regulation and Standard Compliance
Energy Star® Compliant: Yes

Service and Warranty Information
Limited Warranty: Refer to retailer for Terms & Conditions

Dimensions
Weight: 95.1 lbs. (43.0 kg) with pedestal

TV System
Tuner (Cable): Clear QAM<sup>®</sup>
Tuner (Terrestrial): ATSC

Supplied Accessories
Remote Control
Battery (type AA x2)
AC power cord
Operating Instructions
Quick Setup Guide
Warranty Card
Table Top Stand

Optional Accessories
RHT-G800 Floor Stand
SU-WL500 Wall Mount Bracket
DMX-NV1 BRAVIA® Internet Video Link
SUFL300L TV Stand

UPC Code: 027242731967

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