Key Features

- 10-bit 16:9 Full HD 1080p Panel (1920x1080)¹
- BRAVIA ENGINE™ EX & Live Color Creation™ system
- 1080p Inputs: HDMI™ (x3), YPbPr (x2), PC
  - DMex™-ready with XMB® GUI - Intuitive & Expandable
  - Picture Frame Styling/ Distinctive Brushed Metal Finish
  - 10-bit 16:9 Full HD 1080p Resolution Panel (1920x1080)²
  - BRAVIA Engine™ EX Video Processor
  - Live Color Creation System featuring WCG-CCFL backlight
  - Advanced Contrast Enhancer (ACE)
  - Dynamic Contrast Ratio 16,000:1² with ACE³

Key Technologies

Full HD 1080: There are a lot of ways to define high-definition but BRAVIA® Full HD means you're getting the best resolution high-definition has to offer consumers. With Sony BRAVIA W 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. By 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 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 dark scenes as well as richer shadow detail in other scenes for a difference that you can see.

x.v.Color™ technology: BRAVIA® HDTV's 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 xYCC (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.
**Features**

**General**
- Closed Captions (CC): Yes
- On-Screen Display: XMB®
- DMeX® support: Yes

**Video**
- Video Processing: Yes (BRAVIA Engine™ EX)
- Noise Reduction: Yes
- Game Mode: On/Off
- High Definition: Yes (Full HD 1080)
- 10-bit Video Processing: Yes
- Deep Color: Yes
- 3D Comb Filter: Yes
- PhotoTV HD: Yes
- Live Color Creation™ Technology: Yes
- x.v.Color™ Technology: Yes
- DRC © Version: Yes (DRC MF V1.0)

**Audio**
- Digital Amplifier: Yes
- Voice ZOOM: Yes
- Steady Sound® Automatic Volume Control: Yes
- Sony Original Surround: S-Force® Front Stereo System: MT S (with SAP)
- Dolby®/Dolby® Digital (ATSC/QAM only)
- Audio Mode: Dynamic, Standard, Custom
- Sound Booster: Yes

**Convenience**
- Favorite Channel: Yes
- Programmable Timer: Yes
- Sleep Timer: 15, 30, 45, 60, 90, Off
- Clock: Yes
- Power Save Mode: Standard, Reduced, Picture Off
- Input Skip: Yes
- Channel Surf: Yes
- Remote Control: Yes (Backlit)
- Optimized Theater Mode: 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
- LightSensor™ Technology: Yes
- Freeze: Yes

**Specifications**

**General**
- Television Type: Flat Panel LCD HDTV

**Audio**
- Audio Power Output: 22W (11W x2)
- 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)
- S-Video Input(s): 1 (Rear)
- 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
- 1080/24p Input Capable: Yes (via HDMI™)
- Analog Audio Input(s) (Total): 5 (4 Rear/1 Side)
- HDMI™ Connection(s) (Total): 3 (2 Rear/1 Side)
- HDMI™ Connection(s) (w/ Analog Audio In): 1 rear input included L/R audio inputs

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

**Regulation and Standard Compliance**
- Energy Star® Compliant: Yes
- VESA® Hole Spacing Compatible: Yes

**Service and Warranty Information**
- Limited Warranty Term: 1 Year Parts / 1 Year Labor

**Dimensions**
- Weight: 95.1lbs (43kg) with pedestal

**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

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

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