Key Features

- 3 SXRD Full HD Resolution (1920 x 1080/0.61" SXRD chip)
- WEGA Engine™ System
- Advanced Iris function
- ATSC Integrated Tuner
- HDMI x 2 inputs for digital connectivity (1080p input)
- PC Input (D-Sub 15pin)
- Front Component - HDV Camcorder Connection (1080i)
- Audio Optical Output (TOS Link)
- CineMotion® Reverse 3:2 Pulldown
- DRC-MFv1 (Digital Reality Creation Multi-Function v1) technology
- SRS® TruSurround® Audio Effect
- BBE Digital

Key Technologies

SXRD™ Chips  SXRD technology is the latest display technology developed by the legendary television engineers at Sony to meet and exceed the demands of a High Definition image at its full 1080 line resolution. Digitally transmitted High Definition signals can contain over 2 million individual detail points that need to be displayed accurately and rapidly. SXRD displays those 2 million detail points per SXRD panel accurately since the 3 SXRD chips actually contain enough pixels to fully display a 1080 line picture without interlacing it.

SXRD technology has the speed to create a smooth, film like image. The SXRD chips have a blistering 2.5ms response time (total rise and fall time), which exceeds the demands of even the most rapidly moving High Definition images. And SXRD creates highly accurate, natural colors because the 3-chip design displays all the colors, all the time.

Advanced Iris  Advanced Iris Function - The Advanced Iris function is a special Sony function designed to improve contrast expression especially in darker scenes. The Advanced Iris function is enabled by using either one of two modes - Auto and Manual. The Auto Mode has two settings designed to work best with video content such as movies that vary between bright scenes and dark scenes. Auto 1 is for programs that have a wide range of brightness from scene to scene. Auto 2 is for programs that have less variation between brightness levels from scene to scene.

The Manual mode is used to help deliver optimum contrast levels under different room lighting conditions. The High mode offers maximum screen brightness and works well when a room is brightly lit. The Medium mode is for average levels of light. And the Low mode offers the maximum amount of contrast and works best under low light conditions. The key benefits are deep blacks and improved brightness and overall contrast.

WEGA Engine™ Video Processor  Leveraging Sony’s TV heritage and engineering expertise, the latest generation of Sony’s exclusive WEGA Engine™ is born. Its fully digital signal-processing path includes video processing functions that are designed to improve overall picture quality. Among the key functions that have been added to the WEGA Engine are:

> Green, blue and white color enhancer circuit, which selectively adjusts common natural colors like green, white and blue color levels for a more vivid image,

> Digital MPEG Noise Reduction Circuit, which reduces MPEG artifacts such as “block noise” and mosquito noise” caused by compression used in digital broadcasts used to maximize bandwidth.

> Digital Contrast Enhancer circuit processes every field automatically selecting out details and optimizing contrast for each scene. Adaptive processing improves the low contrast parts of the picture providing crisp and vivid images with high contrast.

The overall result of WEGA Engine has to be seen to be believed.

HDMI™ and PC Inputs  Designed for maximum versatility, Sony’s Grand WEGA™ line is equipped with a comprehensive range of input interfaces. The HDMI (High-Definition Multimedia Interface) is the first industry-supported, uncompressed, all-digital audio/video interface. HDMI technology supports enhanced or High Definition video, together with multi-channel digital audio to provide matchless image and sound reproduction. A D-Sub 15 input also allows connection to your PC, allowing you to use your high resolution Grand WEGA TV as a computer monitor.
### Features

#### General
- Auto SAP: Yes
- Channel Fix: Yes
- ID1 Detection: Yes
- Video Label: Yes

#### Video
- Tuner: ATSC/NTSC with Clear QAM (8 VSB)
- Video Processing: Yes (WEGA Engine™ HD System)
- Color Temperature: Cool, Neutral, Warm
- Noise Reduction: Yes
- Black Corrector: High, Medium, Low, Off
- White Level: On, Off
- Gamma Compensation: High, Medium, Low, Off
- CineMotion® Reverse 3:2 Pulldown Technology: Yes
- Advanced Iris: Yes
- Comb Filter: 3D Digital Comb Filter
- DRC® Multifunction Circuitry: Yes (DRC MF V1)
- DRC® Mode: Mode 1, Mode 2, CineMotion® Technology
- DRC® Palette Presets: Custom 1, Custom 2, Custom 3
- Direct Mode: On, Off
- Game Mode: On/Off
- Auto Adjustment (PC): Yes
- Advanced Video Menu: Yes
- Picture Modes: Vivid, Standard, Custom
- Detail Enhancer: High, Medium, Low, Off
- Color System: ATSC, NTSC
- Wide Mode: Yes
- Display Technology: SXRD™ Technology
- High Definition: Yes (Full HD 1080)

#### Audio
- Tone Control(s): Treble, Bass
- Sound Mode: Dynamic, Standard, Custom
- MTS Stereo Decoder: Yes
- A/V Synch: Off/1/2/3
- Audio Mute: Yes
- Speaker On/Off: Yes
- SRS® TruSurround® XT Audio Effect: Yes
- Dolby® Digital: Yes

#### Convenience
- Channel Label: Yes
- Channel Skip/Add: Yes
- Channel Jump: Yes
- Favorite Channel: Yes
- Speed Surf™ Channel Selection: Yes
- Program Guide Access: Yes
- Auto Channel Programming: Yes

### Specifications

#### General
- Aspect Ratio: 16:9
- Screen Size: 60"
- Television Type: Rear Projection

#### Video
- Native Resolution: 1080p
- Display Resolution: 1920 x 1080
- Display Response Time: 2.5ms (rise and fall)
- Vertical Size: Yes
- Vertical Center: Yes
- Horizontal Center: Yes
- Inputs and Outputs
  - Analog Audio Input(s): 5 (1 Front/4 Rear)
  - Audio Out (Variable/Fixed): 1 (Rear)
  - Component Video Input(s): 3 (1 Front/2 Rear)
  - Composite Video Input(s): 3 (1 Front/2 Rear)
  - Digital Audio Output(s): 1 (Rear)
  - RF Connection Input(s): 1 (Rear)
  - S-Video Input(s): 1 (Rear)
  - PC Audio Input(s): 1 (Rear)
  - PC Video Input(s): 1 (Rear)
  - HDMI™ Connection(s): 2 (Rear) - 1 rear input included L/R audio inputs

#### Power
- Power Consumption (In Operation): 210W
- Power Consumption (In Standby): 0.5W
- Power Requirements: AC 120V, 60Hz
- Power Management: Yes

#### Regulation and Standard Compliance
- Energy Star® Compliant: Yes

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

### Dimensions
- Weight: 94lbs 13oz (43Kg)
- Measurements: 55.75" x 39" x 20.25" (1413 x 988 x 514mm)

### Provided Accessories
- Remote Control (RM-YD010)
- Operating Instructions
- Quick Start Guide
- Batteries (AA x2)
- Warranty
- Product Registration Card

### Optional Accessories
- SU-RS11X (AV Stand)
- XL-S200 (120W Replacement Lamp)

### UPC Code
027242697799

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1. With Advanced Iris ON
2. Depending on usage, the lamp will require periodic replacement to maintain optimum picture quality. It is recommended that the lamp be exchanged after 8,000 hours of use.
3. Screen Size measured diagonally
4. For additional warranty terms and information please refer to the Limited Warranty Card included with this product or visit http://esupport.sony.com

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