

### Key Features

- Full HD 1080 (1920 x 1080/0.61" SXRD chip) Picture Resolution
- WEGA Engine™ HD System
- DRC MF-V2.5
- Contrast Ratio up to 10000:1 with Advanced Iris function
- ATSC Integrated Tuner with CableCARD™ Slot
- HDMI™ (High Definition Multimedia Interface) x3 (1080p video)
- PC Input (D-Sub 15)
- CineMotion® Reverse 3:2 Pulldown
- SRS® TruSurround® Audio Effect
- BBE Digital



### Key Technologies

**SXRD™ Panels** 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 panels actually contain enough pixels to fully display a 1080 line picture without interlacing it.

SXRD has the speed to create a smooth, film like image. The SXRD panels have a blistering 2.5ms response time (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-panel design displays all the colors, all the time.

**Cinema Black Pro** 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.

**WEGA Engine™ HD** WEGA Engine™ HD Video Processor --- The latest generation of Sony's exclusive WEGA HD Engine™ fully digital signal-processing path includes video processing functions that are designed to improve overall picture quality. The WEGA Engine HD has similar functions to the WEGA Engine™ (Green, blue and white color enhancer circuit for a vivid image, Digital MPEG Noise Reduction Circuit reduces annoying MPEG artifacts, and the Digital Contrast Enhancer circuit delivers crisp and vivid images with high contrast. The WEGA Engine HD adds the following:

> DRC-MFv2.5: Sony's exclusive video signal processing that improves video signals to a realistic and clean picture quality according to signal types.

> CCP-XA: Generates high purity, high Signal-To-Noise ratio and enables the generation of wide bandwidth and stable digital component signals.

> IFP2: Has functions that optimize contrast remove noise in the signal to reproduce video with little noise and blur.

**HDMI™ and PC Inputs** Designed for maximum versatility, Sony's Grand WEGA™ XBR® 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. The PC input (D-Sub 15) offers easy connection to your PC, allowing you to use your high resolution Grand WEGA XBR TV as a computer monitor.



## Features

### General

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

### Video

Tuner: 8 VSB, ATSC, NTSC, Clear QAM, CableCARD™ QAM  
Video Processing: Yes (WEGA Engine™ HD System)  
Color Temperature: Cool, Neutral, Warm  
Noise Reduction: Yes  
Black Corrector: High, Medium, Low, Off  
Clear White: On, Off  
Gamma Compensation: High, Medium, Low, Off  
Live Color: Yes  
CineMotion® Reverse 3:2 Pulldown Technology: Yes  
Direct Digital II Circuitry: Yes  
Advanced Iris: Yes  
Display Mode for PC Input: Video, Text  
Comb Filter: 3D Digital Comb Filter  
DRC® MultiFunction Circuitry: Yes (DRC MF V2.5)  
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  
Advanced Video Menu: Yes  
Picture Modes: Vivid, Standard, Pro  
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, Clear Voice, Natural  
MTS Stereo Decoder: Yes  
Audio Mute: Yes  
Speaker On/Off: Yes  
Simulated Surround: 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  
Info Banner: Yes  
Programmable Timer: 2 Event  
Sleep Timer: 15, 30, 45, 60, 90, Off  
Caption Vision: On, Off, Program  
Clock: Yes  
Power Save Mode: Standard, Reduced, Picture Off  
Twin-View™ Technology: Yes

## Specifications

### General

Aspect Ratio: 16:9  
Screen Size: 60"³  
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)  
CableCARD™ Slot: 1 (Rear)  
Component Video (Y/Pb/Pr) Input(s): 2 (Rear)  
Composite Video Input(s): 3 (1 Front/2 Rear)  
Control-S Input(s): 1 (Rear)  
Control-S Output(s): 1 (Rear)  
Digital Audio Output(s): 1 (Rear) Dolby® Digital Optical Output  
RF Connection Input(s): 2 (Rear)  
S-Video Input(s): 1 (Rear)  
PC Audio Input(s): 1 (Rear)  
PC Video Input(s): 1 (Rear)  
HDMI™ Connection(s): 3 (1 Side/ 2 Rear) - 1 rear input has L/R audio inputs

### Power

Power Consumption (in Operation): 285W  
Power Consumption (in Standby): 0.2W (without CableCARD)  
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 Labor⁴

### Dimensions

Weight: 112.44lbs (51kg)  
Measurements: 67" x 40.6" x 20.6" (1674 x 1016 x 514mm)

### Supplied Accessories

Remote Control (RM-Y009)  
XL-5300 (extra lamp included)  
Operating Instructions  
Quick Start Guide  
Batteries (AA x2)  
Limited Warranty  
Product Registration Card

### Optional Accessories

SU-RS51U (AV Stand)  
XL-5300 (180W Replacement Lamp)

UPC Code: 027242697805

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>

©2006 Sony Electronics Inc. All rights reserved.  
Sony, Grand WEGA, Steady Sound, WEGA Engine HD, Speed Surf, SXRD, CineMotion and DRC are trademarks of Sony. In the United States, TV Guide and other related marks are registered marks of Gemstar-TV Guide International, Inc. and/or one of its affiliates. CableCARD is a trademark of Cable Television Laboratories, Inc. SRS and the SRS symbol, and TruSurround are trademarks of SRS Labs, Inc. This TV incorporates High-Definition Multimedia Interface (HDMI™) technology. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. All other trademarks are property of their respective owners.  
Features and specifications are subject to change without notice. Non-metric weights and measures are approximate.



Please visit the Dealer Network for current information at [www.sony.com/dn](http://www.sony.com/dn)