

Key Features

- 3LCD Technology
- WEGA Engine™ System
- Cinema Black Pro
- ATSC Integrated Tuner with CableCARD™ Slot
- WEGA GATE™ - Easy Operation Guide
- Slim, Stylish Design
- PC Input
- HDMI™ (High Definition Multimedia Interface) Connector



Key Technologies

3LCD Panels The 3LCD technology at the heart of Sony's Grand WEGA™ televisions provide a bright picture, with high detail and natural color. These three key benefits are immediately apparent when viewing a Grand WEGA™ TV. You can expect to see an incredibly detailed picture with eye-popping colors.

Sony uses three tiny LCD panels (0.73" or 0.87" depending on model) with a combined resolution of over 2.76 million pixels on the smallest panel and over 3 million pixels on the larger one. The light from a high output UHP lamp shines into a filtering system that splits the beam into red, green, and blue light streams. Each color goes through its own LCD panel, which passes or blocks the light. The three beams are then recombined and sent to the projection lens.

Cinema Black Pro Cinema Black Pro is an exclusive Sony function designed to improve contrast expression especially in darker scenes. The Cinema Black Pro function is enabled by using either one or both of two features - Iris Control and Advanced Iris. The Iris Control function sets the maximum size of the iris opening and sets the overall level of brightness. There are six settings that allow the user to adjust the iris opening to best match the room lighting conditions.

The Advanced Iris function is a dynamic adjustment that automatically opens and closes the iris according to the gamma level of the picture on the screen. There are four different adjustments. The "High" setting is ideal for movies and music video content. And the "Off" setting works great for sports and news content.

HDMI™ and PC Connectivity 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 PCD input (HD-15-pin) offers easy connection to your PC, allowing you to use your high resolution Grand WEGA XBR TV as a computer monitor.



Shown with optional SU-RG11MA/V stand

Features

General

Auto SAP: Yes
Channel Fix: Yes
Closed Caption (CC): Yes
ID1 Detection: Yes
Video Label: Yes

Video

Screen or Display Technology: 3LCD
Tuner: 8 VBS, ATSC, NTSC, Clear QAM
Video Processing: Yes (WEGA Engine™ Technology)
Color Temperature: Cool, Neutral, Warm 1, Warm 2
Noise Reduction: Yes
Black Corrector: High, Medium, Low, Off
Cinema Black Pro: Yes
Clear White: High, Low, Off
Color Space: Wide, Normal
Gamma Compensation: Max, High, Medium, Low, Off
Live Color: High, Medium, Low, Off
CineMotion® Reverse 3:2 Pulldown Technology: Yes
Direct Digital II Circuitry: Yes
Advanced Iris: High, Medium, Low, Off
Wide Mode (16:9): Wide Zoom, Full, Zoom
Wide Mode (4:3): Wide Zoom, Normal, Full, Zoom
Wide Mode (PC): Normal, Full 1, Full 2, Zoom
Display Mode for PC Input: Video, Text
Comb Filter: 3D Digital Comb Filter
DRC® MultiFunction Circuitry: Yes
DRC® Mode: High Density, Progressive, Off
DRC® Palette Presets: Custom 1
Game Mode: On/Off
Game Picture: +5 to -5
Auto Adjustment (PC): Yes
Image Shift: Auto, Level 1, 2, 3, 4
Phase (PC Only): Yes
Pitch (PC Only): Yes
Advanced Video Menu: Yes
Picture Modes: Vivid, Standard, Custom
Color System: ATSC, NTSC

Audio

Tone Control(s): Treble, Bass
Sound Mode: Dynamic, Standard, Custom
MTS Stereo Decoder: Yes
A/V Synch: Off/1/2/3
Digital Amplifier: 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
WEGA GATE™ Technology: Yes
Program Guide Access: Yes
Auto Channel Programming: Yes
Menu Color: Yes
Multiple Language Display: English; Español; Français
Parental Control (V-Chip): Yes
Info Banner: Yes
Programmable Timer: 2 Event
Sleep Timer: 15, 30, 45, 60, 90, Off
Timer Events: Timer 1, Timer 2
Caption Vision: On, Off, Program
Clock: Yes
Power Save Mode: Standard, Reduced, Picture Off
Built-in AC Adaptor: Yes
Picture Freeze: Yes (with side-by-side viewing)

Specifications

General

Aspect Ratio: 16:9
Screen Size: 50"²

Video

Native Resolution: 720p
Display Resolution: 1280 x 720
Viewing Angle: Right/Left: 170°, Up/Down: 170°
Vertical Size: Yes
Vertical Center: +50 to -50
Horizontal Center: +50 to -50

Audio

Speakers (Total): 2
Audio Power Output: 24W Total (12W x 2)

Inputs and Outputs

Analog Audio Input(s): 5 (4 Rear/1 Side)
Audio Out (Variable/Fixed): 1 (Rear)
CableCARD™ Slot: 1 (Rear)
Component Video (Y/Pb/Pr) Input(s): 1 (Rear)
Composite Video Input(s): 1 (Rear)
Digital Audio Output(s): 1 (Rear)
RF Connection Input(s): 2 (Rear)
S-Video Input(s): 2 (Rear)
PC Video Input(s): 1 (Rear) D-sub 15
HDMI™ Connection(s): 1 (Rear) with Audio Input

Power

Internal Power Supply: Yes
Power Consumption (in Operation): 210W

Power Consumption (in Standby): Less than 17W

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: 72lb. 13oz (33kg)
Measurements: 46 5/8" x 32 5/8" x 16 1/8" (1184 x 827 x 408mm)

Optional Accessories

SU-RG11M (Optional AV Stand)
 XL-2400 (Replacement Lamp)

UPC Code: 027242675315

Confidential Sony Information. For Internal Use Only.
 1. "Standby" LED for "Power Management" mode.
 2. Screen Size measured diagonally.

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 Features and specifications are subject to change without notice. Non-metric weights and measures are approximate.



Shown with optional SU-RG11M A/V stand

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