

Key Features

- 16:9 Native 1080p HD Resolution Panel (1920 x 1080)
- 7000:1 Dynamic Contrast Ratio with ACE¹
- BRAVIA ENGINE Full Digital Video Processor
- Live Color Creation featuring WCG-CCFL backlight
- HDMI (High Definition Multimedia Interface) x2 (1080p)
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Key Technologies

1920 x 1080 Panel Resolution When it comes to high-definition TV the pinnacle of performance is achieved by using 1920 x 1080 display panels. And BRAVIA V-Series televisions have them. 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. And working with BRAVIA Engine™ standard definition is upconverted to 1080p for a picture so real it's like you're actually there.

Advanced Contrast Enhancer (ACE) Function Sony's Advanced Contrast Enhancer (ACE) builds on our excellent on-contrast ratio performance. A Dynamic Contrast Ratio of up to 7000:1¹ 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.

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 V-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.

BRAVIA Engine™ Full Digital Video Processor BRAVIA® V-Series LCD televisions use Sony's BRAVIA Engine™ full digital video processor for crisp and clear images. Several special picture enhancement technologies are integrated into the processor to create better gradations and details, enhance contrast, dynamically improve color, and reduce image flicker.

Live Color Creation System Decades of television know how allow us to realize that an LCD TV is more than just the panel; it's actually a system. Uncompromised picture quality starts with combining carefully chosen components and circuits to optimize system quality, among these are the color creation and processing functions. That's what Live Color Creation is all about. It starts with the BRAVIA Engine™ PRO video processing system, which enhances primary colors and corrects half-tone colors for natural overall color. Next, a WCG-CCFL backlight using Sony's phosphor formula delivers a specific spectrum of light designed to work with our specially formulated color filters. The combination of these three components creates deep, deep blues and natural greens for overall colors that draw you right into the picture itself.

HDMI™ and PC Connectivity Designed for maximum versatility, Sony's BRAVIA V-Series LCD TVs are 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. BRAVIA V-Series TVs include (2) HDMI 1080/60p inputs. The PC input (HD-15-pin) offers easy connection to your PC, allowing you to use your high resolution BRAVIA V-Series Digital TV as a computer monitor.

KDL-46V2500

BRAVIA LCD Television

Features

General

Video Label: Yes
Closed Captions (CC): Yes
On-Screen Display: Menu

Video

Video Processing: Yes (BRAVIA Engine™ System)
Noise Reduction: Yes
CineMotion® Reverse 3:2 Pulldown Technology: Yes
Picture Modes: Vivid, Standard, Custom
Display Technology: LCD (178° wide viewing angle LCD display panels)
High Definition: Yes (Full HD 1080)
3D Comb Filter: Yes
Live Color Creation™ Technology: Yes

Audio

MTS Stereo Decoder: Yes
A/V Synch: Off/1/2/3
Digital Amplifier: Yes
SRS® TruSurround® XT Audio Effect: Yes
Auto SAP: Yes
Steady Sound® Automatic Volume Control: Yes
Dolby®: Dolby® Digital (AC3/ATSC only)
Audio Mode: Dynamic, Custom, Standard
SRS®: SRS® TruSurround® XT Audio Effect

Convenience

Channel Label: Yes
Channel Skip/Add: Yes
Favorite Channel: Yes
Parental Control (V-Chip): Yes
Sleep Timer: 15, 30, 45, 60, 90, Off
Timer Events: Timer 1, Timer 2
Clock: Yes
Power Save Mode: Standard, Reduced, Picture Off
Picture Freeze: Yes
Input Skip: Yes
Remote Control: Yes
LightSensor™ : Yes

Specifications

General

Aspect Ratio: 16:9
Television Type: Flat Panel LCD HDTV

Audio

Audio Power Output: 20W (10w x2)

Convenience

Timer Clock: Yes

Inputs and Outputs

Component Video (Y/Pb/Pr) Input(s): 2 (Rear)
Composite Video Input(s): 3 (2 Rear/1 Side)
Digital Audio Output(s): 1 (Rear)
RF Connection Input(s): 1 (Rear)
S-Video Input(s): 2 (1 Rear/1 Side)
Headphone Output(s): 1 (Side)
PC Audio Input(s): 1 (Rear)
PC Video Input(s): 1 (Rear)⁴
Analog Audio Input(s) (Total): 5 (4 Rear/1 Side)
Audio Out: 1 (Rear)
HDMI™ Connection(s) (Total): 2 (Rear)
HDMI™ Connection(s) (w/ Analog Audio In): 1 with L/R RCA audio connections

Power

Power Consumption (in Standby): Less than 0.1W

Regulation and Standard Compliance

Energy Star® Compliant: Yes
VESA® Hole Spacing Compatible: Yes
VESA® Hole Pitch: 200 x 200 hole pattern / M6 thread size / 14mm hole depth

Service and Warranty Information

Limited Warranty: 1 Year Parts / 1 Year Labor

Dimensions

Weight: 70.55lbs (32.0kg) with pedestal;
57.32lbs (26.0kg) without pedestal

Supplied Accessories

Remote Control (RM-YD012)
Pedestal (swivel)
Batteries (AA x2)
HD-15 to HD-15 cable
Operating Instructions
Quick Setup Guide

Optional Accessories

Wall-Mount Bracket (SU-WL51)

Color: Black
UPC Code: 027242696129

1. Black-white range seen at the same time.
2. Black-white range seen over a period of time.
3. Screen Size measured diagonally.
4. Limited to resolutions supported by both the PC and the Sony TV. See Sony TV users manual and PC documentation for supported resolutions

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Features and specifications are subject to change without notice. Non-metric weights and measures are approximate.
Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local government or the Electronic Industries Alliance (www.eiae.org)

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

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