

### Key Features

- 16:9 Native 1080p Full HD Resolution Panel (1920x1080)
- 7000:1 Dynamic Contrast Ratio (On-Screen CR 1700:1)
- BRAVIA Engine™ PRO featuring DRC-MFv2.5
- Live Color Creation featuring WCG-CCFL backlight
- HD Inputs - HDMI™ 1080p (x3), YPbPr (x2)
- 16:9 1080p HD Resolution Panel (1920 x 1080)
- BRAVIA Engine™ PRO Video Processor
- Live Color Creation System featuring WCG-CCFL backlight
- ATSC Digital Tuner with unscrambled digital cable (QAM) capability
- HDMI (High Definition Multimedia Interface) x3 (1080/60p)



### Key Technologies

**BRAVIA Engine™ PRO Full Digital Video Processor** Presenting the next evolution of the BRAVIA Engine™ - BRAVIA Engine™ PRO. Sony improved on the great benefits of the BRAVIA Engine™ by adding a picture quality enhancement circuit called Digital Reality Creation Multi-function v2.5. DRC-MFv2.5 now has the added ability to process interlace and progressive video signals and because it has twice the processing power of previous DRC-MF circuits, it can do its processing and output them to 1080p. (Native 1080p input signals are not processed through DRC-MFv2.5.) Add to this the crisp details, outstanding contrast, eye popping colors, and dramatically reduced digital artifacts that DRC-MF circuitry is known for. And the best part of all is that DRC-MFv2.5 is user adjustable according to the video source. All of this helps define the reason why people want Sony TVs to begin with - unparalleled picture quality.

**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 XBR 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 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™ PRO everything from standard definition and high definition is upconverted to 1080p for a picture so real it's like you're actually there.

**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.

**HDMI™ and PC Connectivity** Designed for maximum versatility, Sony's BRAVIA XBR-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 XBR Series TVs include (3) HDMI 1080/60p inputs. The PC input (HD-15-pin) offers easy connection to your PC, allowing you to use your high resolution BRAVIA XBR-Series Digital TV as a computer monitor.

 BRAVIA ENGINE PRO

**XBR**

# KDL-46XBR2

BRAVIA® XBR® LCD Television

## Features

### General

Video Label: Yes  
 Closed Captions (CC): Yes

### Video

Video Processing: Yes (BRAVIA Engine™ PRO)  
 Noise Reduction: Yes  
 DRC® MultiFunction Circuitry: Yes (DRC MF V2.5)  
 Game Mode: On/Off  
 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  
 Steady Sound® Automatic Volume Control: Yes  
 Dolby®: Dolby® Digital (AC3/ATSC only)  
 SRS®: SRS® TruSurround® XT Audio Effect

### Convenience

Channel Skip/Add: Yes  
 Favorite Channel: Yes  
 Speed Surf™ Channel Selection: Yes  
 Parental Control (V-Chip): Yes  
 Programmable Timer: 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  
 ID-1 Detection: Yes  
 LightSensor™ : Yes

## Specifications

### General

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

### Audio

Audio Power Output: 22W (11W x2)  
 Sound Enhancer: Dynamic, Standard, Custom

### 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)  
 S-Video Input(s): 1 (Rear)  
 Headphone Output(s): 1 (Side)  
 PC Audio Input(s): 1 (Rear)  
 PC Video Input(s): 1 (Rear)<sup>2</sup>  
 Analog Audio Input(s) (Total): 5 (4 Rear/1 Side)  
 Audio Out: 1 (Rear)  
 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): 277W  
 Power Consumption (in Standby): Less than 0.5W

### Regulation and Standard Compliance

Energy Star® Compliant: Yes  
 VESA® Hole Spacing Compatible: Yes

### Service and Warranty Information

Limited Warranty: 1 Year Parts / 1 Year Labor

### Dimensions

Weight: 90.40 lbs (41.0kg) with pedestal; 79.37lbs (36.0kg) without pedestal

### Supplied Accessories

Remote Control (RM-YD010)  
 Battery (AA x2)  
 HD-15 to HD15 Cable  
 Operating Instructions  
 Quick Setup Guide

### Optional Accessories

CRU46X1/W (Arctic White - Color Bezel)  
 CRU46X1/B (Velvet Black - Color Bezel)  
 CRU46X1/R (Scarlet Red - Color Bezel)  
 CRU46X1/L (Pacific Blue - Color Bezel)  
 CRU46X1/T (Sienna Brown - Color Bezel)  
 Wall Mount Bracket (SU-WL51)

Color: Medium Silver  
 UPC Code: 027242696143

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

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 VESA is a trademark of Video Electronics Standards Association Inc. 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 authorities or the Electronic Industries Alliance (www.eiae.org)



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