



Key Features

- 16:9 Full HD 1080p Resolution Panel (1920x1080)
- Motionflow™ 120Hz technology delivers natural motion
- BRAVIA Engine™ fully digital video processor
- Advanced Contrast Enhancer circuit (ACE)
- Live Color Creation™ technology
- x.v.Color™ technology²
- 10-bit processor / 10-bit panel
- DMe^x™ capable
- Deep Color (HDMI™ v1.3 option)
- Dynamic Video Noise Reduction
- 24p True Cinema™ capable
- DIGITAL MEDIA PORT
- DLNA® compliant³ (RJ-45 Ethernet)
- PhotoTV HD⁴
- Xross Media Bar™ (XMB™) user interface

Key Technologies

16:9 Full HD 1080p Resolution Panel 16:9 Full HD 1080p resolution panel (1920 x 1080) accepts any HDTV signal and renders it with optimum resolution.

Motionflow™ 120Hz technology Motionflow™ 120HZ technology doubles the frame rate to help remove judder in film sources, HD content, broadcast movies and primetime programming, creating smoother, more fluid motion that delivers a natural and realistic viewing experience.

BRAVIA Engine™ BRAVIA Engine™ fully digital video processor uses a collection of unique Sony algorithms to significantly reduce noise, enhance overall image detail, and optimize contrast so every scene produces sharp, vibrant, life-like images.

Advanced Contrast Enhancer circuit (ACE) Advanced Contrast Enhancer circuit (ACE) dynamically improves contrast, resulting in deep blacks in darker scenes without losing fine details in shadows and other dark areas of the picture.

10-bit processor / 10-bit panel 10-bit processor and 10-bit panel combine to create allow 64 times the levels of expression versus 8-bit panels, resulting in smoother transitions from color to color and faithful reproduction of subtle color changes.

DMe^x™ enabled DMe^x™ functionality expands your HDTV's capabilities by letting you connect optional BRAVIA® Link modules, including the BRAVIA® Internet Video Link, BRAVIA® DVD Link, BRAVIA® Wireless Link and BRAVIA® Input Link (all sold separately).

Live Color Creation™ technology Live Color Creation™ technology with WCG-CCFL backlight uses advanced chroma signal processing to widen the color reproduction range for overall more natural and vibrant colors.

KDL-46XBR6

46" BRAVIA® XBR® Series LCD TV

Features

General

Closed Caption Button: Yes
Fanless Design: Yes
Closed Captions (CC): Yes
On-Screen Display: Enhanced GUI + XMB
Auto CC on Mute: Yes
DMeX™ support: Yes
Illuminated Sony Logo: Yes
Finish (Surface Color): Piano Black
Supports Rear Mounting of DMeX™ Module: Yes

Display

Backlight Type: WCG-CCFL
Panel Type: LCD
Display Device: LCD
Display Technology: LCD (178° wide viewing angle LCD display panels)

Video

Video Processing: Bravia Engine 2™ Technology
CineMotion® Reverse 3:2 Pulldown Technology: Yes
Game Mode: Yes
Wide Mode: Wide Zoom, Normal, Full, Zoom, H Stretch (HD)
Deep Color: Yes
3D Comb Filter: Yes
PhotoTV HD: Yes
MPEG Noise Reduction: Yes
Live Color Creation™ Technology: Yes
Auto Wide: Yes
4:3 Default: Yes
24p True Cinema™ Technology: Yes
x.v.Color™ Technology: Yes
Picture Mode: Vivid, Standard, Cinema, Custom; Photo-Vivid, Photo-Standard, Photo-Original, Photo-Custom
Advanced Contrast Enhancer (ACE): Yes
Image Blur Reduction: Yes
Motionflow™ Technology: Motionflow™ 120Hz

Audio

Digital Amplifier: Yes
Voice Zoom: Yes
Auto SAP: Yes
Auto Mute (on no signal): Yes
Steady Sound® Automatic Volume Control: Yes
Audio Out: Yes
Sony Original Surround: S-Force®
Stereo System: MTS
Dolby®: Dolby® Digital
Alternate Audio (Digital): Yes
Audio Mode: Dynamic, Standard, Clear Voice
Sound Booster: Yes
5.1 Channel Audio Out: Yes

Convenience

Channel Jump: Yes
Favorite Channel: Yes
Program Guide Access: Yes
Multiple Language Display: English, Spanish, French
Info Banner: Yes
Sleep Timer: Yes
Clock: Yes
Input Skip: Yes (Auto)
Channel Surf: Yes
Channel Block (with password): Yes
Edit Channel Labels: Yes
Label Inputs: Yes
ID-1 Detection: Yes
Initial Setup: Yes
On/Off Timer: Yes
PAP (Picture & Picture): Yes
Swap Sound: Yes
TV Guide On Screen: Yes
USB Application(s): Music Player (mp3), Photo Viewer (jpeg)

Theatre Mode (Theatre Button): Yes

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Show/Hide Channels: Yes
Power Saving Mode - Picture Off: Yes
PAP (Fixed or Variable): Fixed
BRAVIA® Sync™ : Yes
Parental Control: Yes
LightSensor™ Technology: Yes
BRAVIA® Sync™ Menu Button: Yes
Freeze: Yes
On-Screen Display for External Input: Yes
PIP (Picture in Picture): PC Input
Channel Labels: Yes

Network

DLNA: Yes
IP Network Update: Yes

Specifications

General

Television Type: 16:9 Flat Panel LCD HDTV

Display

Viewing Angle (Right/Left): 178°
Viewing Angle (Up/Down): 178°
On-screen Contrast Ratio: 3,000:1
Dynamic Contrast Ratio: 50,000:1
Screen Size (measured diagonally): 46" Class (45.5")
Native Resolution: 1920 x 1080
Display Resolution: 1920 x 1080p (Full HD)
Panel Bit: 10-bit
Aspect Ratio: 16:9
Color Range (u'v'): 102??NTSC
Color Range (xy): 91??NTSC

TV System

Tuner (Cable): QAM
Tuner (Terrestrial): NTSC, ATSC
TV System (Analog): NTSC
Number of Tuners (Analog): 1
Number of Tuners (Digital): 1
TV System (Digital): ATSC

Video

Video Signal: 480/60i, 480/60p, 720p, 1080/60i, 1080/24p (HDMI™ only), 1080/60p (HDMI™ / Component)

Audio

Audio Power Output: 16W (8W x 2) + 11W Subwoofer
Speakers (Total): 3

Inputs and Outputs

Component Video (Y/Pb/Pr) Input(s): 2 (Rear)
Composite Video Input(s): 3 (1 Side/2 Rear)
Digital Audio Output(s): 1 (Rear) Optical Digital Output
RF Connection Input(s): 1 (Rear)
S-Video Input(s): 1 (Rear)
PC Input(s): Yes
Analog Audio Input(s) (Total): 7 (1 Side/6Rear)
Audio Out: 1 (Rear)
HDMI™ Connection(s) (Total): 4 (1 Side/3 Rear)
PC In (D-Sub) + Audio In (Stereo Mini): 1 (Rear)
HDMI™ PC Input Format Support: Yes
USB 2.0: 1 (Side)
HDMI™ Connection(s) (w/ Analog Audio In): Yes
HDMI™ PC Input: Yes
S-Video Detection: Yes
AC Power Input: 1 (Rear)
PC Input Format Support: Yes (see manual for exact formats)
Digital Media Port: 1 (Rear)
Ethernet Connection(s): 1 (Rear)

Power

Power Consumption (in Operation): 285W
Power Consumption (in Standby): 0.20W
Power Management: Yes (for PC Input Only)
Power Requirements (voltage): AC 120V

Regulation and Standard Compliance

Energy Star® Compliant: Yes
VESA® Hole Spacing Compatible: Yes
VESA® Hole Pitch: 300 x 300 mm, M6 Screw Type, 16mm Screw Length

Service and Warranty Information

Limited Warranty Term: 1 Year Parts / 1 Year Labor

Dimensions

Weight: 62 lbs. (28kg) with pedestal; 52 lbs. (23.5kg) without pedestal
Measurements: 42 7/8 x 30 1/8 x 12 1/8 in (1089 x 765 x 307mm) with pedestal; 42 7/8 x 28 1/2 x 4.125 in (1089 x 723 x 104mm) without pedestal

Supplied Accessories

RM-YD024 Remote Control
Batteries (2 x AA)
AC Power Cord
Operating Instructions
Quick Setup Guide
Warranty Card
Cable Clamper
Pedestal (separate)

Optional Accessories

WS-S10LS Stand
SU-FL71M Stand
SU-WL500 Wallmount Bracket
CRU-46SG12/R Ruby color speaker grill
CRU-46SG12/B Obsidian color speaker grill
CRU-46SG12/T Bronze color speaker grill
CRU-46SG12/N Platinum color speaker grill

Color: Piano Black

UPC Code: 027242739123

1. Limited to resolutions supported by both the PC and the Sony TV. See Sony TV users manual and PC documentation for the supported resolutions.
2. Requires x.v.Color™ capable video source, such as select Sony camcorders.
3. Media streaming requires a PC with Microsoft Windows XP, SP2 or later or DLNA-compliant media server. Home network required and sold separately.
4. Special TV settings are required. Further details are available in the BRAVIA® TV instruction manual.
5. BRAVIA Sync works with select Sony HDTVs and home theater products.

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

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