

### Key Features

- Full HD 1080p Resolution
- Edge LED Backlight with Slim Design
- Ambient Sensor adjusts color based on room light
- BRAVIA Engine™ 2 fully digital video processor
- USB port for photos, music & video playback
- BRAVIA® Sync™ controls compatible devices w/ one remote<sup>2</sup>
- 7 HD Inputs (4 HDMI, 2 Component, 1 PC)



### Key Technologies

**Full HD 1080p Resolution Panel** Experience Full HD 1080p picture quality, the highest at-home resolution, and take full advantage of HD sources like a Blu-ray Disc™ Player or PlayStation®3 gaming console via the 16:9 wide screen panel (1920 x 1080).<sup>1</sup>

**Edge LED Backlight with Slim Design** Enjoy a slim design plus amazing dynamic contrast with an Edge LED backlight design.

**Ambient Sensor** Get a natural looking picture whether you are watching movies late at night or playing video games during the day with an Ambient Sensor that automatically adjusts the picture color based on a room's lighting.

**USB Input** Share your home videos or photos on the big screen or listen to your favorite music. Simply connect your digital camera, USB-enabled MP3 player, or USB storage device directly to your HDTV's USB input.

**BRAVIA Engine™ 2** Enjoy sharp, vibrant, life-like images while optimizing color & contrast and significantly reducing noise with the BRAVIA Engine™ 2 fully digital processor.

**BRAVIA® Sync™ Compatible** Conveniently operate and control other BRAVIA® Sync™ compatible devices - including BRAVIA® HDTVs, Blu-ray Disc™ Players, surround sound systems, Handycam® camcorders and Cyber-shot® digital still cameras, all with one remote control.<sup>2</sup>

**7 HD Inputs** Get versatile HD connection options with seven HD inputs, including four HDMI™ inputs to connect a Blu-ray Disc™ player, PlayStation®3 gaming console or any other HDMI-capable equipment. Two HD component inputs provide added HD-capable connectivity in addition a PC input (HD-15 pin) lets you use your HDTV as a computer monitor.<sup>3</sup>

# KDL-40EX600

# 40" BRAVIA® EX600 Series HDTV

## Features

### General

Closed Captions (CC): Analog, Digital  
 Finish (Surface Color): PianoBlack  
 HDMI™ InstaPort: Yes  
 Start Up Sony Logo Display: Yes

### Display

Backlight Type: Edge LED  
 Display Device: LCD

### Video

Video Processing: BRAVIA Engine 2™ Technology  
 CineMotion® Reverse 3:2 Pulldown Technology: Yes  
 Wide Mode: Normal, Zoom, Wide Zoom, Full (Full1-2 for PC)  
 3D Comb Filter: Yes  
 MPEG Noise Reduction: Yes  
 Auto Wide: Yes  
 4:3 Default: Yes  
 24p True Cinema™ Technology: Yes  
 Picture Mode: Vivid, Standard, Custom  
 Advanced Contrast Enhancer (ACE): Yes  
 Cinema Mode: Yes  
 Live Color™ Technology: Yes

### Audio

Auto SAP: 20FM/10AM  
 Auto Mute (on no signal): Yes  
 Steady Sound® Automatic Volume Control: Yes  
 Audio Out: Fixed  
 Stereo System: MTS  
 Dolby®: Dolby® Digital  
 Alternate Audio (Digital): yes  
 Surround Effect: Cinema, Music, Live Sports, Game  
 5.1 Channel Audio Out: Yes  
 Sound Mode: Dynamic, Standard, Clear Voice, Custom  
 5.1ch Through Out (Handycam): Yes  
 Clear Voice: Yes  
 Invisible Speaker (w/Sound Elevation): Yes

### Convenience

Channel Jump: Yes  
 Multiple Language Display: English, French, Spanish  
 Info Banner: PSIP, XDS  
 Sleep Timer: Yes  
 Input Skip: Manual  
 Channel Surf: Yes  
 Channel Block (with password): Yes  
 Edit Channel Labels: Yes  
 Label Inputs: Yes  
 ID-1 Detection: Yes  
 USB Application(s): Photo Viewer (jpeg), Music Player (mp3), Video Player (mpeg1), Video Player (mpeg2 TS)  
 Theatre Mode (Theatre Button): Yes  
 Show/Hide Channels: Yes  
 Auto Shut-off: Yes  
 BRAVIA® Sync™ : Yes  
 Parental Control: Yes  
 BRAVIA® Sync™ Menu Button: Yes (on Remote Control)  
 On-Screen Display for External Input: Yes

PIP (Picture in Picture): PC Input(HD15/HDMI) & TV Channel/CVBS/(HDMI)/(Component)

Channel Labels: Yes  
 Program Block: Yes  
 Control for HDMI™ (HDMI™ CEC): Yes  
 Short Banner: Yes  
 Auto Photo Mode: via USB  
 Picture Adjustments Lock: Yes  
 White Balance: RGB Gain/Bias  
 Auto Picture Setting w/HDMI™ : Cinema, Photo, Graphics, Game  
 Scene Select: Auto, Cinema, Sports, Photo, Music, Game, Graphics, General  
 Favorites: Yes  
 Ambient Sensor: Yes  
 Picture Frame Mode: Yes  
 Start Up Sony Logo Display: Yes  
 USB Player: Yes

### Sensing

Ambient Sensor: Yes

## Specifications

### Display

Viewing Angle (Right/Left): 178 (89/89)  
 Viewing Angle (Up/Down): 178 (89/89)  
 Dynamic Contrast Ratio: Infinite<sup>4</sup>  
 Screen Size (measured diagonally): 40"  
 Display Resolution: Full HD 1080(1920x1080)  
 Aspect Ratio: 16:9  
 Refresh Rate: 60Hz

### TV System

Tuner (Cable): QAM  
 Tuner (Terrestrial): ATSC™ / NTSC  
 Channel Coverage: VHF: 2-13ch  
 UHF: 14-69ch  
 CATV (analog): 1-135ch  
 CATV (digital) : 1-135ch  
 TV System (Analog): M  
 Number of Tuners (Analog): 1(Hybrid)  
 Number of Tuners (Digital): 1(Hybrid)  
 Color System: NTSC

### Video

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

### Audio

Audio Power Output: 20W (10W x 2)  
 Speakers (Total): 2  
 Speaker Configuration: 2

### Inputs and Outputs

Component Video (Y/Pb/Pr) Input(s): 2 (Rear) (1 fixed/1 selectable)  
 Composite Video Input(s): 2 (1 Side/1 Rear)  
 Digital Audio Output(s): Optical Digital Output - 1 (Rear)  
 RF Connection Input(s): 1 (Rear)  
 Analog Audio Input(s) (Total): 4 (1 Side / 3 Rear)  
 Audio Out: 1(Rear)  
 HDMI™ Connection(s) (Total): 4 (2 Side/2 Rear)  
 PC In (D-Sub) + Audio In (Stereo Mini): 1 (Rear)  
 USB 2.0: 1(Side)  
 HDMI™ PC Input: Yes  
 AC Power Input: 1 (Rear) Pigtail

### Power

Power Consumption (in Standby): 0.23W Max  
 Power Requirements (voltage): AC 120V  
 Power Requirements (frequency): 60Hz  
 Power Consumption (in Operation) max.: 105W Max

### Regulation And Standards Compliance

VESA® Hole Spacing Compatible: Yes  
 VESA® Hole Pitch: 300x300(40")

### Service and Warranty Information

Limited Warranty Term: 1 Year Labor / 1 Year Parts

### Energy Saving & Efficiency

Power Saving Modes: Yes  
 Eco Settings: Yes  
 Dynamic Backlight Control: Yes  
 Backlight Off Mode: Yes  
 Estimated Annual Energy Consumption (kWh): 129 kWh  
 Idle TV Standby: Yes  
 Power Consumption (On Mode) for Energy Star: 69.62W  
 Power Consumption (Standby Mode) for Energy Star: 0.23W

### Recycled & Recyclable Materials

Packaging Materials: Recycled Carton (more than 20%)

Printed Materials: FSC Certified

### Weights and Measurements

Weight (Approx.): 32.9 lbs (14.9Kg) with pedestal; 28.0 lbs (12.7Kg) without pedestal  
 Dimensions (Approx.): 37 1/2 x 24 1/4 x 9 7/8" (952 x 613 x 250mm) with pedestal; 37 1/2 x 22 7/8 x 3" (952 x 581 x 74mm) without pedestal

### Supplied Accessories

Remote Control (RM-YD0034)  
 Batteries (Type AAA x2)  
 AC Power Cord (attached)  
 Table Top Stand (separate, assembly required)

### Optional Accessories

Wallmount Bracket (SU-WL500)

UPC Code: 027242787209

1. HDMI cable required, sold separately.
2. Works with other BRAVIA® Sync or Theatre Sync™ labeled home audio/video products when connected via HDMI™ interface
3. Resolution limited to that supported by both the PC and the TV. See TV user's manual and PC documentation for supported resolutions.
4. Dynamic contrast ratio compares the luminance of a 100IRE (white) signal with that of a 0 IRE (black) signal. When the TV receives a 0 IRE signal the backlight is turned off and the luminance measurement is 0.00 cd/m2. The resulting dynamic contrast ratio is infinite.

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