

### Key Features

- 16:9 Full HD 1080p Resolution Panel (1920x1080)
- Dynamic Contrast Ratio: 50,000:1
- BRAVIA Engine™ 2 fully digital video processor
- Motionflow™ 120Hz technology
- USB with photos and music
- BRAVIA® Link compatibility
- 7 HD Inputs (HDMI x4/ Component x2/ PC x1)
- BRAVIA® Sync capable<sup>3</sup>
- ACE (Advanced Contrast Enhancer)
- Light Sensor™ technology
- 24p True Cinema™ capable
- Favorites Menu
- VESA® compatible hole spacing
- ATSC™ /NTSC tuner with QAM<sup>4</sup>

### Key Technologies

**16:9 Full HD 1080p Resolution Panel (1920x1080)** 16:9 Full HD 1080p resolution panel (1920x1080) accepts any HDTV signal and renders it with optimum resolution, so you can take full advantage of Blu-ray Disc™ players and Sony® PLAYSTATION® 3 entertainment systems that can deliver 1080p content.

**Dynamic contrast** Dynamic contrast involves real-time image processing that results in deep blacks in darker scenes, as well as fine details in shadows and other dark areas of the picture for a difference you can truly see.

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

**BRAVIA Engine™ 2 fully digital video processor** The BRAVIA Engine 2 fully digital video processor uses a collection of unique Sony technologies to significantly reduce noise, enhance overall image detail, and optimize contrast so every scene produces sharp, vibrant, life-like images and color.

**HD input x 7** Get versatile HD connection options with seven HD inputs. Four HDMI™ inputs (up to 1080/60p capable)<sup>1</sup> let you connect a Sony® PLAYSTATION® 3 entertainment system, Blu-ray Disc™ player, or any other HDMI-capable equipment and get uncompressed digital video and multi-channel digital audio on a single cable. An HD component input and an HD combo input (1080/60p capable) provide added HD-capable connectivity, and a PC input<sup>2</sup> (HD-15 pin) offers the added versatility of using your HDTV as a computer monitor.

**USB with photos and music** Connect your camera, USB-enabled MP3 player, or USB storage device directly to your HDTV's USB input to view photos on the big screen or listen to your favorite MP3's.

**BRAVIA® Link compatibility** BRAVIA Link compatibility expands your HDTV's capabilities by letting you connect optional BRAVIA Link modules, including the BRAVIA DVD Link, BRAVIA Wireless Link, and BRAVIA Input Link (all sold separately).

**BRAVIA® Sync capable** BRAVIA Sync capability combines the one-touch access and control functionality of BRAVIA Theatre Sync™ with the ability to control CEC-enabled Sony® Handycam® camcorders and Cyber-shot® digital still cameras using the TV's remote and an on-screen display. BRAVIA® Sync™ capable: BRAVIA Sync capability combines the one-touch access and control functionality of BRAVIA Theatre Sync™ with the ability to control CEC-enabled Sony® Handycam® camcorders and Cyber-shot® digital still cameras using the TV's remote and an on-screen display via an HDMI™ connecting.<sup>3</sup>



## Features

### General

Closed Captions (CC): Analog, Digital  
 On-Screen Display: Traditional  
 Finish (Surface Color): Piano Black  
 BRAVIA® Link Module support: DMX-DVD; DMX-WL1;  
 DMX-SW1

### Display

Backlight Type: CCFL  
 Display Device: LCD

### Video

Video Processing: BRAVIA Engine 2™ Technology  
 CineMotion® Reverse 3:2 Pull-down Technology: Yes  
 Game Mode: Yes  
 Wide Mode: Full, Normal, Wide Zoom, Zoom, Full Pixel  
 3D Comb Filter: Yes  
 Auto Wide: Yes  
 4:3 Default: Yes  
 24p True Cinema™ Technology: Yes  
 Picture Mode: Vivid, Standard, Cinema, Custom, Photo-  
 Vivid, Photo-Standard, Photo-Original, Photo-Custom  
 Advanced Contrast Enhancer (ACE): Yes  
 Motionflow™ Technology: Motionflow™ 120Hz

### Audio

Digital Amplifier: Standard  
 Auto SAP: Yes  
 Auto Mute (on no signal): Yes  
 Steady Sound® Automatic Volume Control: Yes  
 Audio Out: Fixed  
 Stereo System: MTS  
 Dolby®: Dolby® Digital (for broadcasting)  
 Alternate Audio (Digital): Yes  
 SRS®: SRS® TruSurround XT®  
 Sound Mode: Clear Voice, Dynamic, Custom, Standard

### Convenience

Channel Jump: Yes  
 Favorite Channel: Standard  
 Multiple Language Display: English, Spanish, French  
 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  
 On/Off Timer: Yes  
 USB Application(s): Photo Viewer (JPEG), Music Player  
 (MP3)  
 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)  
 Channel Labels: Yes  
 Auto Photo Mode: Yes (via USB)  
 On-Screen Clock: Yes  
 Picture Adjustments Lock: Yes  
 White Balance: RGB Gain/Bias  
 Start Up BRAVIA® Logo Display: Yes  
 Favorites Menu: Graphic

## Specifications

### Display

Viewing Angle (Right/Left): 178 (89/89)  
 Viewing Angle (Up/Down): 178 (89/89)  
 On-screen Contrast Ratio: 5,000:1 (typ)  
 Dynamic Contrast Ratio: 50,000:1 (typ)  
 Screen Size (measured diagonally): 52"  
 Native Resolution: 1920 x 1080  
 Display Resolution: 1920 x 1080p (Full HD)  
 Panel Bit: 8-bit  
 Aspect Ratio: 16:9  
 Color Range (u'v'): 90% of NTSC  
 Color Range (xy): 72% of NTSC

### TV System

Tuner (Cable): Clear QAM  
 Tuner (Terrestrial): ATSC™ / NTSC  
 Channel Coverage: VHF: 2-13  
 UHF: 14-69  
 CATV (analog): 1-135  
 CATV (digital): 1-135  
 TV System (Analog): M  
 Number of Tuners (Digital): 1 (Hybrid)  
 TV System (Digital): ATSC  
 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: 20 W (10 W X 2)  
 Speakers (Total): 2  
 Speaker Configuration: 2.0

### Inputs and Outputs

Component Video (Y/Pb/Pr) Input(s): 2 (Rear) (1 Fix /  
 1 Selectable)  
 Composite Video Input(s): 2 (1 Side / 1 Rear  
 (Selectable))  
 Digital Audio Output(s): Optical Digital Output - 1 (Rear)  
 RF Connection Input(s): 1 (Rear)  
 S-Video Input(s): 1 (Side)  
 Analog Audio Input(s) (Total): 5 (2 Side, 3 Rear)  
 Audio Out: 1 (Rear)  
 HDMI™ Connection(s) (Total): 4 (3 Side / 1 Rear)  
 PC In (D-Sub) + Audio In (Stereo Mini): 1 (Side) see  
 owner's manual for supported timings  
 USB 2.0: 1 (Side)  
 HDMI™ PC Input: Yes (see owner's manual for  
 supported timings)  
 S-Video Detection: Yes  
 AC Power Input: 1 (Rear)  
 Analog Audio Input(s) for HDMI™ : 1 (Rear)  
 USB 1.1: 1 (Rear) (Service only)

### Power

Power Consumption (in Operation): 295 W (max)  
 Power Consumption (in Standby): Less than 1W  
 Power Requirements (voltage): AC 120V  
 Power Requirements (frequency): 60Hz

### Regulation and Standard Compliance

VESA® Hole Spacing Compatible: Yes  
 VESA® Hole Pitch: 300X300 M6/12-16MM

### Service and Warranty Information

Limited Warranty Term: 1 Year Labor / 1 Year Parts  
 Online Instruction Manual: Yes

### Energy Saving & Efficiency

LightSensor™ Technology: Yes  
 Power Saving Modes: Yes  
 Energy Star® compliant: Exceeds Energy Star® Version 3.0  
 Eco Settings: Yes  
 Dynamic Backlight Control: Yes  
 Backlight Off Mode: Yes  
 PC Power Management: Yes  
 Estimated Annual Energy Consumption (kWh): 449.21 kW  
 Power Consumption (On Mode): 245 W (Energy Star  
 ® Version 3.0)  
 Power Consumption (Standby Mode): 0.30 W

### Dimensions

Weight: 76.3 lbs. (34.6kg) with pedestal; 66.1 lbs. (30kg)  
 without pedestal  
 Measurements: 49 3/4 x 34 3/8 x 14 3/8 in (1262 x 871 x  
 362mm) with pedestal; 49 3/4 x 32 1/2 x 4 5/8 in (1262 x  
 823 x 115mm) without pedestal

### Supplied Accessories

Remote Control RM-YD028  
 Batteries (Type AA x2)  
 AC Power Cord (attached)  
 Screws (4) for pedestal  
 Operating Instructions  
 Quick Setup Guide  
 Warranty Card  
 Table Top Stand (separate, pre-assembled)

### Optional Accessories

SU-WL500 Wallmount Bracket  
 BRAVIA® DVD Link  
 BRAVIA® Input Link  
 BRAVIA® Wireless Link

UPC Code: 027242752948

1. HDMI™ connector required and sold separately.
2. Limited to resolutions supported by both the PC and the Sony® HDTV or is it HDTV. See Sony TV user's manual and PC documentation for the supported resolutions.
3. Works with other BRAVIA® Sync™ or Theatre Sync™ labeled home audio/video products when connected via HDMI.
4. Check with your local TV station or cable company for details on accessing or subscribing to HD content.

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