

Key Features

- 16:9 Full HD 1080p Resolution Panel (1920x1080)
- Dynamic Contrast Ratio: 30,000:1
- BRAVIA Engine™ 2 fully digital video processor
- HDMI™ connection x 3 (1080/60p capable)¹
- HD Component x 2 (1080/60i capable)
- BRAVIA® Link compatibility
- BRAVIA® Sync capable²
- 24p True Cinema™ capable
- Favorites Menu
- Light Sensor™ technology
- Advanced Contrast Enhancer w/ Dynamic Backlight Control
- VESA® compatible hole spacing
- ATSC™ /NTSC tuner with QAM⁴
- ENERGY STAR® 3.0

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 (30,000:1) Advanced Contrast Enhancer (ACE) creates a dynamic contrast level by working in real time to produce 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.

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.

HDMI™ connection x 3 (1080/60p capable) Get versatile HDMI connection options with three HDMI inputs (up to 1080/60p input capable)¹. 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.

HD Component x 2 (1080/60p capable) Two YPbPr Component inputs (1080/60p capable) provide added HD-capable connectivity, and a PC input³ (HD-15 pin) offers the added versatility to use your HDTV as a computer monitor.

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 via HDMI connector^{1, 2}.

24p True Cinema™ 24p True Cinema support provides a direct connection to 24p video sources, avoiding conversions and allowing users to enjoy films at their intended 24 fps (frames per second) cinematic picture quality when using a 24p-capable output device, such as a Blu-ray Disc™ player or Sony® PLAYSTATION® 3 entertainment system.



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 Pulldown 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
 Advanced Contrast Enhancer (ACE): Yes

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
 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
 On-Screen Clock: Yes
 Picture Adjustments Lock: Yes
 White Balance: RGB Gain/Bias
 Start Up BRAVIA® Logo Display: Yes
 Favorites Menu: Graphic

Specifications

General

Television Type: Flat Panel LCD HDTV

Display

Viewing Angle (Right/Left): 178 (89/89)
 Viewing Angle (Up/Down): 178 (89/89)
 On-screen Contrast Ratio: 3,000:1
 Dynamic Contrast Ratio: 30,000:1
 Screen Size (measured diagonally): 46"
 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 fixed,
 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): 3 (2 Side, 1 Rear)
 PC In (D-Sub) + Audio In (Stereo Mini): 1 (Side) see
 owner's manual for supported timings
 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 Standby): Less than 1W
 Power Requirements (voltage): AC 120V
 Power Requirements (frequency): 60HZ
 Power Consumption (in Operation) max.: 245 W (max)

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 (Reference Book): 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): 357.96 kWh
 Power Consumption (On Mode) for Energy Star: 195 W
 (Energy Star® Version 3.0)
 Power Consumption (Standby Mode) for Energy Star:
 0.30 W

Dimensions

Weight: 56.2 lbs. (25.5kg) with pedestal; 49.8 lbs. (22.6kg)
 without pedestal
 Measurements: 44 1/4 x 30 3/8 x 12 3/4 in (1123 x 770 x
 323mm) with pedestal; 44 1/4 x 28 1/2 x 3 7/8 in (1123 x
 723 x 96mm) without pedestal

Supplied Accessories

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

Optional Accessories

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

UPC Code: 027242752993

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

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