Key Features

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

Key Technologies

Full HD 1080p Resolution 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).²

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.

LightSensor™ Technology Automatically increase or decrease the level of brightness of your TV’s backlight based on a room’s lighting conditions with the integrated LightSensor™ technology. Dim the lights to watch a movie and the sensor dims the backlight, which also helps reduce unnecessary power consumption.

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.

USB Input Share your 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® 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.³

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.⁴
Features

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

Display
Backlight Type: CCFL
Display Device: LCD

Video
Video Processing: BRAVIA Engine 2™ Technology
CineMotion®-Reverse 3:2 Pulldown Technology: Yes
Wide Mode: Normal, Zoom, Wide Zoom, Full (Full-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
Picture Mode: Yes
Live Color™ Technology: Yes

Audio
Auto SAP: 20/M 10/A
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: PIP, XDS
Sleep Timer: Yes
Input Skip: Manual
Channel Surf: Yes
Channel Block: (with password): Yes
Auto Power Off: Yes
Auto Picture Setting: Yes
Program Block: Yes
Remote Control: Yes
Auto Power Off: Yes
Auto Auto Power Off: Yes
Auto Motionflow: Yes

Specifications

Display
Viewing Angle (Right/Left): 178/89
Viewing Angle (Up/Down): 178/89
Dynamic Contrast Ratio: 140:000:1
Screen Size (measured diagonally): 40"
Display Resolution: Full HD 1080x1920
Aspect Ratio: 16:9
Refresh Rate: 60Hz

TV System
Tuner (Cable): 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 (Analog): 1(Hybrid)
Number of Tuners (Digital): 1(Hybrid)
TV System (Digital): ATSC
Color System: NTSC

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

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

Inputs and Outputs
Component Video Input(s): 3 (1 Side / 2 Rear)
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 (2 Side / 3 Rear)
Audio Out: 1(Rear)
HDMI™ Connection(s): Total: 4 (2 Side / 2 Rear)
PC In: 1(D-Sub) + Audio In (Stereo Mini): 1(Rear)

Power
Power Consumption (in Standby): Less than 0.23W (AC120V), less than 0.4W (AC240V)
Power Requirements (voltage): AC120V
Power Requirements (frequency): 60Hz
Power Consumption (in Operation) max.: 170W 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): 179.0 kWh
Idle TV Standby: Yes
Power Consumption (On Mode) for Energy Star: 97.3W
Power Consumption (Standby Mode) for Energy Star: 0.23W

Recycled & Recyclable Materials
Product Material: Recycled Carton (more than 40%)
Packaging Material: Recycled Carton (more than 20%)
Printed Material: FSC Certified

Weights and Measurements
Weight (Approx.): 35.1 lbs. (15.9kg) with pedestal: 30.7 lbs. (13.9kg) without pedestal
Dimensions (Approx.): 39 1/8 x 25 x 9 7/8 (992 x 635 x 250mm) with pedestal: 39 1/8 x 23 5/8 x 4" (992 x 596 x 100mm)
without pedestal

Supplied Accessories
Remote Control (RM-YD035)
Batteries (Type AAA x2)
AC Power Cord (attached)
Table Top Stand (separate, pre-assembled)

Optional Accessories
Wallmount Bracket (SU-WL500)

UPC Code: 027242785038

1. Works with other BRAVIA® Sync or Theatre Sync™ labeled home audio/video products when connected via HDMI™ interface.
2. HDMI cable required, sold separately.
3. Devices must be connected via HDMI™ interface.
4. Limited to resolutions supported by both the PC and the Sony TV. See Sony TV user manual and PC documentation for supported resolutions.

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