

Key Features

- Brilliant Full HD (1080p) picture quality for 2D & 3D
- Local dimming LED for superior contrast & energy efficiency
- Sleek design w/ OptiContrast panel featuring Gorilla® Glass
- Smooth motion clarity with MotionFlow™ XR 240
- Wireless Internet TV for widest variety of internet content¹



Key Technologies

See It All in 3D Enjoy incredible depth and a sharp, Full HD 1080p picture from the leader in 3D technology. Plus easy set up with built-in 3D sync transmitter. (3D Active Glasses required, sold separately).

Dynamic Edge LED Backlight Experience enhanced picture quality and contrast with local dimming technology. It sharpens image contrast giving an amazingly crisp picture you can see. The backlight system allows for a more environmentally friendly television than traditional CCFL-tube TVs.

Sleek design Sony's monolithic design consists of an elegant sheet of glass stretching from edge-to-edge. It looks just as good when it's off as it does when it's on.

OptiContrast™ Panel Sony's exclusive panel technology boosts contrast and brightness, making for an enhanced viewing experience.

MotionFlow™ XR 240 See smooth and precise detail during fast-action scenes. Sony's Motionflow XR 240 technology for fast action movies and sports by reducing blur caused by quick camera movements, enhancing image sharpness, and overall creates a clearer picture.



Features

General

Closed Captions (CC): Analog, Digital
 Finish (Surface Color): Black
 Audio Return Channel: Yes
 HDMI™ InstaPort: Yes
 Start Up Sony Logo Display: Yes
 New GUI: Yes

Display

Backlight Type: Dynamic Edge LED
 Display Device: LCD
 OptiContrast Panel: Yes

Video

Video Processing: X-Reality™ Engine
 CineMotion® Reverse 3:2 Pulldown Technology: Yes
 Wide Mode: Full, Normal, Wide Zoom, Zoom, Caption, Normal/Full1/Full2 for PC
 Deep Color: Yes
 3D Comb Filter: Yes
 PhotoTV HD: Yes
 Auto Wide: Yes
 4:3 Default: Yes
 24p True Cinema™ Technology: Yes
 Picture Mode: Vivid, Standard, Photo-Vivid, Photo-Standard, Photo-Original, Photo-Custom, Cinema, Game-Standard, Game-Original, Graphics, Sports, Animation

Advanced Contrast Enhancer (ACE): Yes
 Motionflow™ Technology: XR 240
 Live Color™ Technology: Yes
 Intelligent Image Enhancer: Yes
 Intelligent MPEG Noise Reduction: Yes
 Blinking Type: Frame Blinking

Audio

Auto SAP: Yes
 Auto Mute (on no signal): Yes
 Audio Out: Fixed/Variable
 Sony Original Surround: S-Force Front Surround 3D
 Stereo System: MTS
 Dolby®: Dolby Digital, Dolby Digital Plus, Dolby Pulse
 Alternate Audio (Digital): Yes
 Surround Effect: Cinema, Sports, Music, Game
 Sound Booster: Yes
 5.1 Channel Audio Out: Yes
 Sound Mode: Dynamic, Standard, Clear Voice, Custom
 5.1ch Through Out (Handycam): Yes
 Sound Enhancer: Yes
 S-Master: Yes
 Invisible Speaker (w/Sound Elevation): Yes
 Headphone/Speaker Link: Yes
 Clear Phase Speaker: Yes

Convenience

Channel Jump: Yes
 Multiple Language Display: English, French, Spanish
 Info Banner: Yes
 Sleep Timer: Yes
 Input Skip: Automatic
 Channel Surf: Yes
 Channel Block (with password): Analog & Digital
 Edit Channel Labels: Yes
 Label Inputs: Yes
 On/Off Timer: Yes
 USB Application(s): Yes
 Show/Hide Channels: Yes
 Auto Shut-off: Yes
 PAP (Fixed or Variable): PAP(Variable)
 BRAVIA® Sync™ : Yes
 Parental Control: Yes
 On-Screen Display for External Input: Yes
 PIP (Picture in Picture): Yes
 Control for HDMI™ (HDMI™ CEC): Yes
 On-Screen Clock: Yes
 Picture Adjustments Lock: Yes

Scene Select: Photo, Music, Cinema, Game, Graphics, Sports, Animation
 On-Screen Operating Instructions: Yes
 Picture Frame Mode: Yes
 Distance Alert: Yes
 Position Control: Yes
 Skin Naturalizer: Yes
 Quick Start & Viewing: Yes
 Twin Picture: PAP (Variable)

Network

DLNA: Yes
 BRAVIA® Internet Video: Yes
 BRAVIA® Internet Widgets: Yes
 Photo MAP: Yes
 Wireless LAN: Integrated
 HTML Browser: Yes
 Media Remote: Yes (Firmware Update Required)
 Skype™ : Yes
 TrackID: Yes
 Video Search: Yes
 What's New: Yes (Firmware Update Required)
 Wi-Fi Certified: Yes
 Wi-Fi Direct: Yes (Firmware Update Required)

3D

3D: Yes
 2D to 3D Conversion: Yes
 3D Sync Transmitter Integrated: Yes

Sensing

LightSensor™ Technology: Yes
 Intelligent Presence Sensor: Yes
 Presence Sensor with FACE DETECTION: Yes

Broadcast

TV Guide On-Screen: Yes

Design

Stand Swivel: Yes
 Stand Swivel Range: Left 20°/Right 20°
 Illuminated Sony Logo: Yes
 Stand Tilt: Yes
 Stand Tilt Range: 0°- 6° Flexible
 6 degree Upward Style: Yes
 Monolithic Design: Yes

Specifications

Display

Viewing Angle (Right/Left): 178 (89/89)
 Viewing Angle (Up/Down): 178 (89/89)
 Dynamic Contrast Ratio: Infinite⁴
 Screen Size (measured diagonally): 46"
 Display Resolution: Full HD 1080p
 Aspect Ratio: 16:9
 Panel Frequency: 120Hz

TV System

Tuner (Cable): Clear QAM
 Tuner (Terrestrial): ATSC
 Channel Coverage: VHF: 2-13, UHF: 14-69, CATV: 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: 1080/24p (HDMI™ only), 1080/60i, 1080/60p (HDMI™ / Component), 720/60p, 480/60i, 480/60p

Audio

Audio Power Output: 10W + 10W + 10W
 Speaker Configuration: 2.1
 Speaker Position: Rear Facing

Inputs and Outputs

Component Video (Y/Pb/Pr) Input(s): 1 (Adaptor/Bottom/Hybrid)
 Composite Video Input(s): 2 (Adaptor/Bottom/1 Hybrid)
 Digital Audio Output(s): 2 (Side)

RF Connection Input(s): 1 (Bottom)
 Headphone Output(s): 1(Side) Hybrid w/Audio out
 Analog Audio Input(s) (Total): 2 (Adaptor/Bottom)
 Audio Out: 1(Side) Hybrid w/HP
 HDMI™ Connection(s) (Total): 4 (2 Side/2 Bottom)
 PC In (D-Sub) + Audio In (Stereo Mini): D-Sub 1 (Side), Mini 1 (Side)
 USB 2.0: 2 (Side)
 HDMI™ PC Input: Yes
 AC Power Input: 1 (Rear)
 Ethernet Connection(s): 1 (Bottom)

Power

Power Consumption (in Standby): 0.20W (120V) / 0.30W (240V)
 Power Requirements (voltage): AC 120V
 Power Requirements (frequency): 60Hz
 Power Consumption (in Operation) max.: 123W
 Power Consumption (in Download Acquisition Mode): 0.02kWh / Day

Regulation And Standards Compliance

VESA® Hole Spacing Compatible: Yes
 VESA® Hole Pitch: 300 x 300 mm

Service and Warranty Information

Limited Warranty Term: 1Year Labor / 1 Year Parts

Energy Saving & Efficiency

Energy Star® compliant: Yes (Exceeds v5.0)
 Dynamic Backlight Control: Yes
 Backlight Off Mode: Yes
 Power Consumption (On Mode) for Energy Star: 66W
 Power Consumption (Standby Mode) for Energy Star: 0.20W

Energy Saving Switch: Yes

Recycled & Recyclable Materials

Packaging Materials: Recycled Carton (more than 40%)
Weights and Measurements

Weight (Approx.): 34.8 lbs (15.8 Kg) without stand; 44.3 lbs (20.1 Kg) with stand
 Dimensions (Approx.): 42 3/4 x 26 1/8 x 1 1/8" (1084 x 663 x 27mm) without stand; 42 3/4 x 27 3/8 x 10 1/8" (1084 x 694 x 255mm) with stand
 Packaging (Approx.): 48 7/8 x 32 3/8 x 5 7/8" (1239 x 821 x 147mm); 57 lbs (26 Kg)

Supplied Accessories

Remote Control (RM-YD061)
 AC Power Cord (attached)
 Table Top Stand (separate, assembly required)

Optional Accessories

Wallmount Bracket (SU-WL500)
 Skype Camera/Microphone (CMU-BR100) (Coming Spring)
 3D Glasses (TDG-BR250/TDG-BR200/TDG-BR100/TDG-BR50)

- Broadband speed of at least 2.5 Mbps recommended (10 Mbps for HD content). Video quality varies. Content provided is subject to change. Premium content may require additional fees or a subscription. Wireless connectivity requires an 802.11 home network (802.11n recommended).
- Broadband speed of at least 2.5 Mbps recommended (10 Mbps for HD content). Video quality varies. Content provided is subject to change. Premium content may require additional fees or a subscription. Wireless connectivity requires an 802.11 home network (802.11n recommended). Skype requires firmware update and is subject to Skype's terms and conditions, which Skype has the ability to change at any time.
- Requires all devices to be connected to the same home network.
- Dynamic contrast ratio compares the luminance of a 100 IRE (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.
- Requires 3D content, 3D player, HDMI™ cable (at least 10.2 Gbps) and 3D active glasses sold sep.

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