

Key Features

- Brilliant Full HD (1080p) picture quality for 2D & 3D
- Full-array local dimming LED for Sony's most precise contrast
- Sleek design w/ OptiContrast tech. boosts color & brightness
- X-Reality™ PRO Engine for superior picture, incl. online content
- Experience precise motion clarity w/ MotionFlow™ XR 960



Key Technologies

See It All in 3D Enjoy incredible depth and a sharp, Full HD 1080p picture from the leader in 3D technology. (3D Active Glasses required, sold separately)

Intelligent Peak LED Backlight Experience Sony's best picture quality and extraordinary contrast with full-array local dimming technology. This innovative technology consists of an array of LED lights that adjust the bright and dark levels in each area of the screen for more precise control of the picture. .

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.

X-Reality™ PRO Engine Enjoy Sony's best picture experience no matter what you're watching. Sony's X-Reality PRO engine brings out incredible detail through multi-frame, pixel-by-pixel analysis of each scene. You will see optimal color, contrast and sharpness including in low resolution web videos.

Motionflow™ XR 960 Experience stunning motion clarity with Sony's Motionflow XR 960 technology. The combination of full-array LED backlighting and high frame-rate technology reduces blur caused by quick camera movements and enhances image sharpness. See smooth motion during fast action movies and an overall clearer picture.



XBR-46HX929

46" (diag.) BRAVIA® HX929-Series LED LCD HDTV

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: Intelligent Peak LED
Display Device: LCD
OptiContrast Panel: Yes

Video

Video Processing: X-Reality™ PRO 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 960
Live Color™ Technology: Yes
Intelligent MPEG Noise Reduction: Yes
Blinking Type: Line 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

Ambient Sensor: 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: 240Hz

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): 1 (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(Rear)
USB 2.0: 2 (Side)
HDMI™ PC Input: Yes
AC Power Input: 1 (Rear)
RS-232C Input(s): 1 (Bottom)
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.: 138W
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 v4.1)
Dynamic Backlight Control: Yes
Backlight Off Mode: Yes
Energy Saving Switch: Yes

Recycled & Recyclable Materials

Packaging Materials: Recycled Carton (more than 40%)

Weights and Measurements

Weight (Approx.): 42.8 lbs (19.4 Kg) without stand; 52.9 lbs (24.0 Kg) with stand
Dimensions (Approx.): 42 5/8 x 26 x 1 1/2" (1081 x 660 x 38mm) without stand; 42 5/8 x 27 1/4 x 10 1/4 " (1081 x 692 x 258mm) with stand
Packaging (Approx.): 48 3/4 x 32 1/4 x 6 1/4" (1236 x 817 x 158mm); 67 lbs (30 Kg)*

Supplied Accessories

Remote Control (RM-YD061)
AC Power Cord (attached)
Table Top Stand (separate, assembly required)
3D Glasses (TDG-BR250/TDG-BR200/TDG-BR100/TDG-BR50)

Optional Accessories

Wallmount Bracket (SU-WL500)
Skype Camera/Microphone (CMU-BR100) (Coming Soon)

- 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.

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