

SONY

KDL-50W800B

50" (diag) W800B Premium LED HDTV

Introducing a picture so lifelike, it's like looking through a window. Images appear with natural color transitions and each scene in everything you watch shows crisp, clear detail. HD movies, sports, even YouTube® clips and home movies burst off the screen with astonishing detail and color. Sony's X-Reality™ PRO picture engine draws on its extensive reality database to display more color, clarity and detail in every image.



Bullets

- PlayStation™ Now ready - PS3® gaming¹
- Color, clarity & detail at their best with X-Reality™ PRO
- Experience precise motion clarity with Motionflow™ XR 480
- Quick 'One-flick' to home menu, online videos & services³
- Social Viewing – follow tweets and watch live TV all at once²
- HD wireless streaming²

Features

PlayStation™ Now ready - PS3® gaming^{1, 2}

Bring the immersive world of PlayStation® directly to your TV with PlayStation™Now. For the first time discover and play PlayStation®3 games by pairing a PlayStation DUALSHOCK®3 controller directly to your PlayStation Now ready BRAVIA® TV and start streaming games - no additional hardware required

Color, clarity & detail at their best

Suddenly, everything looks better. All of your existing sports, TV shows and movies are upscaled to super clear quality. Even YouTube® clips and smartphone videos are enhanced with stunning results. The X-Reality™ PRO picture engine analyzes and processes every image to refine color, clarity and detail for a beautifully natural picture.

Experience precise motion clarity.

Golf balls roll clearly, with less blurring, as the camera follows them across the green. Footballs retain their detail and move smoothly as the camera quickly pans down the field during kickoff. Even fast moving action sequences like fight scenes appear amazingly realistic since Motionflow XR 480 takes motion clarity beyond refresh rates, which are only measured in Hz, to double the motion effect for lifelike clarity.

Flick. Find. Fast.

Discover a faster way to watch what you want with One-Flick Entertainment. Flick through TV channels, recommended videos, photos on your network, or even Internet content like YouTube®, Crackle, or Video Unlimited™ using the optional One-Flick remote control with touchpad.² Even better, you can find your favorite content instantly with quick TV start-up and speedy app launch.

Follow tweets and watch TV at the same time ²

Experience the fun together: enhance your TV enjoyment by following tweets from around the world with Social Viewing. Just choose your hashtag, and see comments relating to the show you're watching flow across the screen. TV has never been so social. And, using an optional camera, you can add Skype® video on the screen at the same time to watch games together from nearly anywhere in the world.²

HD wireless streaming²

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Wirelessly stream beautiful, HD entertainment straight from the Internet or your home network using built-in Wi-Fi® connectivity with ease.² Open the door to the endless entertainment of the Sony Entertainment Network, where thousands of movies, TV shows, online videos, games and music are always on tap. By connecting to the Internet you can access Full 1080p HD entertainment, 3D content and made-for-TV apps like Netflix®, Pandora®, YouTube®, Facebook® and more.

Specifications

| | | | | | | |
|---|---|--------------------------------------|--|---|--|-------|
| 3D Features | | Channel Jump | Yes | Backlight Type | LED | |
| 3D | Active | Channel Surf | Yes | Dimming Type | Frame Dimming | |
| 3D Format Support | Yes | Edit Channel Labels | Yes | Display Device | LCD | |
| 3D Super-resolution | Yes | Info Banner | Yes | Display | | |
| 3D Sync Transmitter Integrated | Yes | Input Skip | Auto | Aspect Ratio | 16:9 | |
| Simulated 3D | Yes | Label Inputs | Yes | Display Resolution | Full HD | |
| Audio | | Multiple Language Display | English Spanish French | Dynamic Contrast Ratio | Over 1 million | |
| Audio Power Output | 8W+8W | On/Off Timer | Yes | Screen Size (cm) | 125.7cm | |
| Speaker Configuration | 2ch, Full Range (30 x 80mm) x 2 | On-Screen Clock | Yes | Screen Size (measured diagonally) | 50"(49.5") | |
| Speaker Position | Down Firing | On-Screen Display for External Input | Yes | Viewing Angle (Right/Left) | 178(89/89) degree | |
| Audio Features | | On-Screen Operating Instructions | Yes | Viewing Angle (Up/Down) | 178(89/89) degree | |
| 5.1 Channel Audio Out | Yes | Panorama | Yes | Energy Saving & Efficiency | | |
| Advanced Auto Volume | Yes | Parental Control | Yes | Backlight Off Mode | Yes | |
| Alternate Audio (Digital) | Yes | Picture Adjustments Lock | Yes | Dynamic Backlight Control | Yes | |
| Audio Out | Fixed / Variable | Picture Frame Mode | Yes | Energy Star® compliant | Yes, V5.3 & V6 | |
| Auto Mute (on no signal) | Yes | Scene Select | Photo Music Cinema Game Graphics Sports Animation | Power Consumption (On Mode) for Energy Star | 39.37W | |
| Clear Phase Speaker | Yes | | Show/Hide Channels | Yes | Power Consumption (Standby Mode) for Energy Star | 0.26W |
| Digital Out Format | Dolby Digital, PCM | | Skin Naturalizer | Yes | Power Saving Modes | Yes |
| Dolby® | Dolby Digital, Dolby Digital Plus, Dolby Pulse | | Sleep Timer | Yes | General Features | |
| Headphone/Speaker Link | Yes | | Twin Picture | PAP (Variable) | Audio Return Channel | Yes |
| Reflector | Yes | USB Play | Yes (USB viewer supports FAT16, FAT32, exFAT and NTFS file systems.) | Closed Captions (CC) | Analog Digital | |
| Signal-to-Sound Architecture | Yes | USB Play (Contents) | MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI(XVID) / AVI(MotionJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / WAV / JPEG / MPO / RAW(ARW) | Demo Mode | Yes | |
| S-Master | Yes | | USB Super Multi-Format Play | Yes | Finish (Surface Color) | Black |
| Sony Original Surround | S-Force Front Surround | | Illumination LED | Yes | HDMI™ InstaPort | Yes |
| Sound Booster | Yes | | Design Features | | Hotel Mode Menu | Yes |
| Sound Mode | Standard Cinema Sports Music Game Compressed Audio | | Stand Design | | Start Up Sony Logo Display | Yes |
| | Stereo System | MTS (AUTO SAP) | Display Features | | | |
| Convenience Features | | Channel Block (with password) | Analog & Digital | AC Power Input | AC Adapter | |
| Auto Photo Mode | Yes | | | | | |
| Auto Shut-off | Yes | | | | | |
| BRAVIA® Sync™ | Yes | | | | | |
| Analog Audio Input(s) (Total) | | | | | | |
| 2 (Rear) | | | | | | |
| Audio Out | | | | | | |
| 1 (Side / Hybrid w/ HP) | | | | | | |
| Component Video (Y/Pb/Pr) Input(s) | | | | | | |
| 1 (Rear / Hybrid) | | | | | | |
| Composite Video Input(s) | | | | | | |
| 2 (1 Rear / 1 Rear Hybrid w/ Component) | | | | | | |

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| Digital Audio Output(s) | 1 (Rear) |
| Ethernet Connection(s) | 1 (Rear) |
| HDMI PC Input Format | 640x480@60Hz 800x600@60Hz 1280x768@60Hz-R 1280x768@60Hz 1360x768@60Hz 1024x768@60Hz 1280x1024@60Hz 1920x1080@60Hz |
| HDMI™ Connection(s) (Total) | 4 (1 Side / 3 Bottom) |
| HDMI™ PC Input | Yes |
| Headphone Output(s) | 1 (Side / Hybrid w/ Audio Out) |
| MHL | Yes |
| RF Connection Input(s) | 1 (Bottom) |
| Subwoofer Out | 1 (Side / Hybrid w/ HP and Audio Out) |
| USB 2.0 | 2 (Side) |
| Network Features | |
| DLNA Content | MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / AVI(XVID) / AVI(MotionJpeg) / MOV / WMV / MKV / WEBM / 3GPP / MP3 / WMA / LPCM / JPEG / MPO |
| Guide and Search | Yes |
| Internet Browser | Yes (Opera) |
| Net AD | Yes (depends on ad provider) |
| One-Flick entertainment | Yes |
| One-touch mirroring | Yes |
| Opera Apps (System) | Yes |
| Photo Share | Yes |
| Related Search | Yes |
| Screen mirroring | Yes |
| Seamless Streaming | Yes |
| Search | Yes |
| Skype™ | Ready |
| Social Viewing | Yes (Tweet only) |
| Sony Entertainment Network | Yes |
| TV SideView™ | Yes |
| TV Tweet | Yes |
| Wi-Fi Certified | Yes |
| Wi-Fi Direct | Yes |
| Wi-Fi Frequency | 2.4Ghz / 5Ghz (for Wi-Fi Direct / Screen mirroring: 2.4Ghz Only) |
| Wi-Fi Standard | a/b/g/n |
| Wireless LAN | Integrated |
| X2 Widget (System) | Yes |

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| Power | |
| Power Consumption (in Operation) max. | 89W |
| Power Consumption (in Standby) | 120V : 0.4W / 240V : 0.5W |
| Power Requirements (voltage) | DC 19.5V |
| Sensing Features | |
| LightSensor™ Technology | Yes |
| Service and Warranty Information | |
| Limited Warranty Term | 12 months |
| TV System | |
| Channel Coverage (Analog) | VHF: 2-13 / UHF: 14-69 / CATV: 1-135 |
| Channel Coverage (Digital Cable) | CATV: 1-135 |
| Channel Coverage (Digital Terrestrial) | VHF: 2-13 / UHF: 14-69 |
| Color System | NTSC |
| Number of Tuners (Terrestrial/Cable) | 1 (Digital / Analog) |
| TV System (Analog) | M |
| TV System (Digital Cable) | Clear QAM |
| TV System (Digital Terrestrial) | ATSC |
| Video | |
| Video Signal | 1080/24p (HDMI only) 1080/60i 1080/60p (HDMI / Component) 480/60i 480/60p 720/60p 1080/30p (HDMI only) 720/30p (HDMI only) 720/24p (HDMI only) |
| Video Features | |
| 24p True Cinema™ Technology | Yes |
| 3D Comb Filter | Yes |
| 4:3 Default | Yes |
| Advanced Contrast Enhancer (ACE) | Yes |
| Auto Wide | Yes |
| Blinking Type | Frame Blinking |
| CineMotion® Reverse 3:2 Pull-down Technology | Yes |
| Clear Mode | Yes |
| Deep Color | Yes |
| Face Area Detection | Yes |
| Impulse Mode | Yes |
| Intelligent MPEG Noise Reduction | Yes |

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|---------------------------------|---|
| Intelligent Picture Optimizer | Yes |
| Live Color™ Technology | Yes |
| Motionflow™ Technology | Motionflow XR 480 |
| MPEG Noise Reduction | Yes |
| PhotoTV HD | Yes |
| Picture Mode | Vivid Standard Custom Photo-Vivid Photo-Standard Photo-Original Photo-Custom Cinema1 Cinema2 Game-Standard Game-Original Graphics Sports Animation |
| Portable Game Mode | Fine Full Fine Normal Portable Game1 Portable Game2 |
| Scene Optimized Energy Saving | Yes |
| Super-resolution for Game Mode | Yes |
| Video Processing | X-Reality PRO |
| Wide Mode | Full Normal Wide Zoom Zoom Caption Normal / Full1 / Full2 for PC |
| Weights and Measurements | |
| Dimensions (Approx.) | TV only: 44 x 25 7/8 x 2 5/8(21/32) in (1116 x 656 x 64.2 mm) TV with stand: 44 x 27 3/8 x 7 1/8 in (1116 x 693 x 179 mm) |
| Packaging (Approx.) | Carton dimensions: 48 3/4 x 30 5/8 x 5 in (1236 x 776 x 126 mm) Carton weight: 41.9 lbs (19 kg) |
| Weight (Approx.) | TV only: 30 lbs (13.6 kg) TV with stand: 32.6 lbs (14.8 kg) |
| Accessories | |

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| Supplied Accessories | 3D Glasses x 2 (TDG-BT400A) Remote Control (RM-YD102) AC Power Adaptor AC Power Cord (Inlet C7) Table Top Stand (separate, assembly required) Wall-Mount Bracket (2 Way wall-mount) Batteries (R03) Screws Operating Instructions Warranty Card | Optional Accessories | 3D Glasses (TDG-BT500A) Touchpad Remote (RMF-YD003) MHL Cable (DLC-MB10, DLC-MB20, DLC-MC20) VC Camera and Mic (CMU-BR200, CMU-BR100) Wireless Subwoofer (SWF-BR100) |
| Optional Accessories | | | |

1. Anticipated service availability Fall 2014. Broadband internet connection required. Additional purchases and registration required; service not available in all areas. See us.playstation.com/PlayStationNow for details.

2. Broadband speed of at least 5 Mbps recommended (10 Mbps for HD). Content subject to change and may require fees. Wireless connectivity requires 802.11 home network (802.11n recommended). Skype is subject to Skype's terms and conditions.

3. Optional One-flick remote (RMF-YD003) required, sold separately.

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