

### Key Features

- Full HD 1080p with 3D<sup>1</sup>
- Dynamic Edge LED Backlight w/ local dimming
- Motionflow™ PRO 240Hz Technology for Smooth Motion
- BRAVIA Engine™ 3 fully digital video processor
- BRAVIA® Internet Video<sup>2</sup>
- Deep Black Panel reduces reflective light
- Wi-Fi® Adapter Ready<sup>3</sup>
- USB port for photos, music & video playback
- DLNA® support for streaming photos, videos and music<sup>4</sup>
- Instantly convert 2D personal content into 3D w/ one button<sup>7</sup>



### 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).<sup>5</sup>

**3D in Full HD** Enjoy an immersive, realistic movie and gaming experience in Full HD 1080p using Sony's 3D accessories (3D Sync Transmitter and 3D Active Glasses, both sold separately) and connecting a compatible 3D Blu-ray Disc™ Player or PlayStation®3 gaming console.<sup>1</sup>

Convert standard 2D personal content into 3D with the push of a button on your remote.<sup>7</sup>

**Dynamic Edge LED Backlight** Experience incredible contrast in a slim design with Dynamic Edge LED backlight technology.

**Motionflow™ PRO 240Hz Technology** Experience Sony's highest level of smooth motion detail and clarity with Motionflow™ PRO 240Hz technology. Enjoy a crisp, fluid and realistic viewing experience during fast-action scenes.

**BRAVIA Engine® 3** Enjoy Sony's most advanced video processing system for superior image detail, exceptionally vibrant, life-like images, reduced noise and optimized contrast and color with the BRAVIA Engine™ 3 fully digital video processor.

**BRAVIA® Internet Video** Instantly stream a wide variety of movies, TV episodes, videos and music from a large selection of entertainment apps including: Netflix®, YouTube™, Slacker® - the list goes on and on.<sup>2</sup>

**Deep Black Panel** Enjoy crisp, vibrant images, incredible contrast and minimized reflections with a specially coated Deep Black Panel display.



# KDL-40HX800

# 40" BRAVIA® HX800 Edge LED Backlit LCD HDTV w/ 3D

## Features

### General

Closed Captions (CC): Analog, Digital  
Finish (Surface Color): Black  
XMB: Yes  
Audio Return Channel: Yes  
HDMI™ InstaPort: Yes

### Display

Backlight Type: Dynamic LED  
Display Device: LCD  
Deep Black Panel: Yes

### Video

Video Processing: BRAVIA Engine 3™ Technology  
CineMotion® Reverse 3:2 Pull-down Technology: Yes  
Wide Mode: Normal, Zoom, Wide Zoom, Full (Full1-2 for PC), H Stretch  
Deep Color: Yes  
3D Comb Filter: Yes  
PhotoTV HD: Yes  
MPEG Noise Reduction: Yes  
Auto Wide: Yes  
4:3 Default: Yes  
24p True Cinema™ Technology: Yes  
Picture Mode: Vivid, Standard, Cinema, Game-Standard, Game-Original, Graphics, Sports, Photo-Vivid, Photo-Standard, Photo-Original, Photo-Custom  
Advanced Contrast Enhancer (ACE): Yes  
Motionflow™ PRO Technology: 240Hz  
Cinema Mode: Yes  
Live Color™ Technology: Yes  
3D: Ready

### Audio

Auto SAP: Yes  
Auto Mute (on no signal): Yes  
Steady Sound® Automatic Volume Control: Yes  
Audio Out: Variable/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  
Sound Enhancer: Yes  
S-Master: Yes  
Clear Voice: Yes  
Invisible Speaker (w/Sound Elevation): Yes

### Convenience

Channel Jump: Yes  
Multiple Language Display: English, French, Spanish  
Info Banner: TV Guide on Screen, PSIP, XDS  
Sleep Timer: Yes  
Input Skip: Automatic  
Channel Surf: Yes  
Channel Block (with password): Yes  
Edit Channel Labels: Yes  
Label Inputs: Yes  
On/Off Timer: Yes  
USB Application(s): Photo Viewer (jpeg), Photo Viewer (RAW), Music Player (mp3), Video Player (AVCHD), Video Player (AVC), Video Player (MPEG4)  
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)  
On-Screen Display for External Input: Yes  
PIP (Picture in Picture): PC Input/TV Channel&CVBS  
Channel Labels: Yes

Control for HDMI™ (HDMI™ CEC): Yes  
Auto Photo Mode: via HDMI, via DLNA, via USB  
On-Screen Clock: Yes  
Picture Adjustments Lock: Yes  
White Balance: RGB Gain/Bias  
Auto Picture Setting w/HDMI™ : Cinema, Sport, Music, Photo, Graphics, Game  
Scene Select: Auto, Cinema, Sports, Photo, Music, Game, Graphics, General  
Theatre Mode with Cinema Surround: Yes  
TV Guide On-Screen: Yes  
On-Screen Operating Instructions: Yes  
Favorites: Yes  
Ambient Sensor: Yes  
Picture Frame Mode: Yes  
Quick Start: Yes  
Stand Swivel: Yes  
Stand Swivel Range: Left 20°/Right 20°  
Start Up Sony Logo Display: Yes  
USB Player: Yes  
Wireless LAN: Ready

### Network

DLNA: Yes  
BRAVIA® Internet Video: Yes  
Photo MAP: Yes

## Specifications

### Display

Viewing Angle (Right/Left): 178(89/89)  
Viewing Angle (Up/Down): 178(89/89)  
Dynamic Contrast Ratio: Infinite<sup>5</sup>  
Screen Size (measured diagonally): 40"  
Display Resolution: Full HD 1080(1920x1080)  
Aspect Ratio: 16:9

### TV System

Tuner (Cable): Clear QAM  
Tuner (Terrestrial): ATSC™ / NTSC  
Channel Coverage: VHF: 2-13ch  
UHF: 14-69ch  
CATV (analog): 1-135ch  
CATV (digital) : 1-135ch  
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: 20W (10W x 2)  
Speakers (Total): 2  
Speaker Configuration: 2

### Inputs and Outputs

Component Video (Y/Pb/Pr) Input(s): 2 (1 Rear / 1 Rear (Composite input common use))  
Composite Video Input(s): 2 ( 1 Rear (Component input common use) / 1 Side)  
Digital Audio Output(s): Optical Digital Output - 1 (Rear)  
RF Connection Input(s): 1 (Rear)  
Analog Audio Input(s) (Total): 4 (1 Side / 3 Rear)  
Audio Out: 1 (Rear)  
HDMI™ Connection(s) (Total): 4(2 Side/2 Rear)  
PC In (D-Sub) + Audio In (Stereo Mini): 1 (Rear)  
USB 2.0: 1 (Side)  
HDMI™ PC Input: Yes (see owner's manual for supported timings)  
AC Power Input: 1 (Rear)  
Ethernet Connection(s): 1 (Rear)

### Power

Power Consumption (in Standby): 0.12W

Power Requirements (voltage): AC 120V for UL,cUL AC110-240V for other  
Power Requirements (frequency): 60Hz for UL,cUL 50/60Hz for other  
Power Consumption (in Operation) max.: 132W  
Power Consumption (in Download Acquisition Mode): 14 W

### Regulation and Standard Compliance

VESA® Hole Spacing Compatible: Yes  
VESA® Hole Pitch: 300x300 M6

### Service and Warranty Information

Limited Warranty Term: 1 Year Labor / 1 Year Parts  
Online Instruction Manual (Reference Book): Yes

### Energy Saving & Efficiency

Power Saving Modes: Yes  
Energy Star® compliant: Yes  
Eco Settings: Yes  
Dynamic Backlight Control: Yes  
Backlight Off Mode: Yes  
Estimated Annual Energy Consumption (kWh): 152.3kWh  
Idle TV Standby: Yes  
Energy Saving Switch: Yes

### Recycled & Recyclable Materials

Packaging Materials: Recycled Carton (more than 40%)

### Dimensions

Weight: 36.2 lbs. (16.4kg) with pedestal; 31.3 lbs. (14.2kg) without pedestal  
Measurements: 37 1/2 x 24 1/4 x 9 7/8" (952 x 613 x 250mm) with pedestal; 37 1/2 x 22 7/8 x 3" (952 x 581 x 74 mm) without pedestal

### Supplied Accessories

Remote Control (RM-YD040)  
Batteries (Type AAA x2)  
AC Power Cord  
Table Top Stand (separate, pre-assembled)

### Optional Accessories

Wallmount Bracket (SU-WL500)  
3D Sync Transmitter  
3D Active Glasses  
Wi-Fi Adapter (UWA-BR100)

UPC Code: 027242784772

- 3D viewing requires a Sony 3D Sync Transmitter and 3D Active Glasses (each sold separately).
- Broadband internet connection speed of at least 2.5 Mbps recommended (10 Mbps for HD content). Video quality and picture size vary and are dependent upon broadband speed and delivery by content provider. Select content provided subject to change. Premium content may require additional fees, a subscription and/or PC registration.
- Requires home network with an 802.11 access point (802.11n recommended) and internet connection. USB adapter (UWA-BR100) required, sold separately.
- Requires UWA-BR100 USB adapter (sold separately), a home network with an 802.11 access point (802.11n recommended), internet access and content stored on a DLNA compliant PC or server..
- HDMI cable required, sold separately
- Dynamic contrast ratio compares the luminance of a 100IRE (white) signal with that of a 0IRE (black) signal. When the TV receives a 0IRE signal the backlight is turned off and the luminance measurement is 0.00 cd/m<sup>2</sup>. The resulting dynamic contrast ratio is infinite.
- 2D to 3D conversion converts 2D content to 3D. Quality may vary depending upon the quality of the original 2D source content.

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