

## KDL-40BX450

40" (diag.) Sony BX450 HDTV

Lay your eyes on the true beauty of Full HD 1080p clarity—the highest resolution available. From football games to TV shows, everything will look its best. And with 4 HD inputs, you can connect your cable box, PS3™, Blu-ray Disc™ player and more.<sup>1</sup> There's also a USB port for enjoying your camera's photos on the big screen.



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### Bullets

- Brilliant Full HD 1080p picture quality
  - Four HD inputs for a cable box, PS3™ and more<sup>1</sup>
  - Share your pictures on the big screen via USB input
  - Crisp detail & contrast w/ Clear Resolution Enhancer
  - Optimizes picture based on what you're watching
  - Less grain & a clear picture w/ Digital Noise Reduction
  - Theater-like movie viewing with 24p True Cinema
  - One remote for multiple devices with BRAVIA® Sync™<sup>2</sup>
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### Features

#### Full HD 1080p.

Nothing expresses crystal-clear detail like Full HD 1080p picture quality. It's the highest in-home resolution available and takes advantage of the all-out HD glory of broadcast TV, satellite and other HD sources like your Blu-ray Disc™ player or PlayStation®3 entertainment system.

#### Clearly different

Fine details and textures appear in whatever you're watching, even in flat areas. Powered by Sony's advanced noise reduction algorithm, this technology boosts image clarity with heightened contrast and depth that you won't find on most televisions.

#### USB input for your camera and more.

Share your vacation photos instantly on the big screen or listen to your favorite music. Simply connect your compatible digital camera, USB-enabled MP3 player or USB storage device directly to your HDTV's USB input. It's a fast and simple way to relive the memories without a hassle.

#### Four HD inputs

Plug into the action with versatile HD connection options. Four HD inputs include two HDMI® inputs for sources like your HD cable box, home theater system, Blu-ray Disc™ player or PS3™ system, one HD component input and a PC input (HD-15 pin) which lets you use your HDTV as a computer monitor.<sup>1</sup>

#### Picture settings made easy.

Now adjusting the picture is as easy as changing the channel. Just make a quick choice among eight pre-configured audio and video settings for a customized fit to what you're watching. Scene Select options include Sports, Photo, Game, Cinema and Music.

#### Handheld gaming goes big.

Play your PSP® system or other handheld gaming consoles (with SD output) on your HDTV with no irritating black borders surrounding the picture. Just select Game Mode for an ideal fit to your TV screen according to the input. Better yet, Super Resolution Processing delivers a clear, crisp view in HD size.

## Against the grain

Dazzle the whole family with ultra-crisp HD clarity and less grain. Digital Noise Reduction enhances detail in whatever you're watching with meticulous processing. It even helps clean up video from USB and other PC sources so the picture looks pristine and vivid.

## Theater-like movie viewing

Watch movies the way they were meant to be seen. Sony's 24p True Cinema technology allows the TV to maintain a movie's original 24 frames per second (fps) rate so it looks less like television and more like it would in the movie theater.

## One remote for multiple devices

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.<sup>2</sup>

## Specifications

Audio	
Audio Power Output	6W+6W
Speaker Configuration	2 Full Range (4x10) x2
Speaker Position	Rear Facing
Audio Features	
5.1 Channel Audio Out	Yes
5.1ch Through Out (Handycam)	Yes
Alternate Audio (Digital)	Yes
Audio Out	Variable/Fixed
Bass Booster	Yes
Dolby®	Dolby Digital
Invisible Speaker	Yes
Sound Mode	Dynamic Standard Clear Voice Custom
SteadySound® Automatic Volume Control	Yes
Stereo System	MTS(AUTO SAP)
Surround Effect	Cinema, Sports, Music, Game
Convenience Features	
Auto Shut-off	Yes
BRAVIA® Sync™	Yes
Channel Block (with password)	Analog & Digital
Channel Jump	Yes
Channel Surf	Yes
Edit Channel Labels	Yes
Favorites (Simple UI)	Yes
Info Banner	Yes
Input Skip	Auto
Label Inputs	Yes

Multiple Language Display	English/Spanish /French
On-Screen Display for External Input	Yes
Parental Control	Yes
Picture Adjustments Lock	Yes
Picture Frame Mode	Yes
Scene Select	Photo Music Cinema Game Graphics Sports
Show/Hide Channels	Yes
Sleep Timer	Yes
Twin Picture	PAP(Fixed), PIP
USB Play	Yes
Display Features	
Backlight Type	CCFL
Display Device	LCD
Display	
Aspect Ratio	16:9
Display Resolution	Full HD
Screen Size (measured diagonally)	40"(40")
Viewing Angle (Right/Left)	89/89
Viewing Angle (Up/Down)	89/89
Energy Saving & Efficiency	
Backlight Off Mode	Yes
Dynamic Backlight Control	Yes
General Features	
Closed Captions (CC)	Analog, Digital
Demo Mode	Yes

Finish (Surface Color)	Black
Start Up Sony Logo Display	Yes
Inputs and Outputs	
AC Power Input	1 (Rear)
Analog Audio Input(s) (Total)	1 (Rear)
Analog Audio Input(s) for HDMI	1 (Rear Hybrid w/PC)
Audio Out	1 (Side)
Component Video (Y/Pb/Pr) Input(s)	1 (Rear Hybrid w/ Composite)
Composite Video Input(s)	1 (1Rear Hybrid)
Digital Audio Output(s)	1 (Rear)
HDMI™ Connection(s) (Total)	2 (1 Rear, 1 Side)
HDMI™ PC Input	Yes
PC In (D-Sub) + Audio In (Stereo Mini)	1 (D-Sub : Rear, Audio IN : Rear Hybrid w/HDMI)
PC Input Format Support	640x480@60Hz, 800x600@60Hz, 1280x768@60Hz, 1280x768@60Hz, 1360x768@60Hz, 1024x768@60Hz, 1280x1024@60Hz, 1920x1080@60Hz
RF Connection Input(s)	1 (Rear)
USB 2.0	1 (Side)
Power	
Power Consumption (in Operation) max.	158W
Power Consumption (in Standby)	0.2W with AC120V
Power Requirements (frequency)	60Hz
Power Requirements (voltage)	AC120V
Recycled & Recyclable Materials	

Packaging Materials	Recycled Carton (more than 70%)
<b>Regulation and Standards Compliance</b>	
VESA® Hole Pitch	300 x 300 mm
VESA® Hole Spacing Compatible	Yes
<b>Service and Warranty Information</b>	
Limited Warranty Term	12 Months Parts / 12 Months Labor
<b>TV System</b>	
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 3.58
Number of Tuners (Terrestrial/Cable)	1(Digital/Analog)
TV System (Analog)	M
TV System (Digital Cable)	Clear QAM
TV System (Digital Terrestrial)	ATSC
<b>Video</b>	
Video Signal	1080/24p (HDMI™ only), 1080/60i, 1080/60p (HDMI™ / Component), 720/60p, 480/60i, 480/60p
<b>Video Features</b>	
24p True Cinema™ Technology	Yes
3D Comb Filter	Yes
4:3 Default	Yes
Advanced Contrast Enhancer (ACE)	Yes
Auto Wide	Yes
CineMotion® Reverse 3:2 Pull-down Technology	Yes
Clear Resolution Enhancer	Yes
Digital Noise Reduction	Yes
Live Color™ Technology	Yes
MPEG Noise Reduction	Yes

Picture Mode	Vivid Standard Custom Cinema Photo Sports Game Graphics
Wide Mode	Full, Normal Wide Zoom Zoom
<b>Measurements (Approx.)</b>	
Package Carton (W x H x D)	47 1/8 x 27 1/8 x 7 1/4 in (1196 x 688 x 184 mm)
TV only (W x H x D)	38 5/8 x 23 3/4 x 3 3/4(3 5/8) in (980 x 601 x 94(90) mm)
TV with Stand (W x H x D)	38 5/8 x 25 1/4 x 9 1/8 in (980 x 639 x 231 mm)
<b>Supplied Accessories</b>	
AC Power Cord	attached
Batteries	Type AA x2
Operating Instructions	Yes
Quick Setup Guide / Supplement CUE (GA)	Yes
Remote Control	RM-YD080
Screws	Yes
Table Top Stand	separate (assembly required)
Warranty Card	Yes

1. Cables sold separately.

2. Syncs with BRAVIA® Sync or Theatre Sync™ products.

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