

# KDL-55BX520

Bring home brilliant Full HD 1080p Sony picture quality with incredible contrast and sharp, vibrant images on the Sony® BX520-Series HDTV. Smooth motion performance supports crisp, fluid motion during fastaction scenes. Plus enjoy the best possible viewing experience with a built-in sensor that automatically adjusts the screen's brightness based on your room's lighting.



### **Bullets**

- Brilliant Full High Definition (1080p) picture quality
- Smooth motion with MotionFlow™ 120 Technology
- Share photos using the USB Input
- Customized picture & sound settings
- Automatic picture adjustment based on room lighting
- 4 HD Inputs (2 HDMI, 1 Component, 1 PC)

#### **Features**

## Full HD 1080p Resolution

Experience amazing Full HD 1080p picture quality, the highest at-home resolution. Take full advantage of HD sources like a Blu-ray Disc<sup>TM</sup> Player or PlayStation®3 entertainment system via the 16:9 wide screen panel (1920 x 1080).¹ (HDMI® cable required, sold separately).

## Motionflow™ 120 Technology

Experience smooth motion detail and clarity with Motionflow<sup>TM</sup> 120 technology. Motionflow<sup>TM</sup> 120 technology doubles the frame rate from the standard 60 frames per second and applies Image Blur Reduction technology to deliver a crisp, fluid and realistic viewing experience during fast-action scenes.

### 4 HD Inputs<sup>2</sup>

Get versatile HD connection options with four HD inputs, including two HDMI™ inputs to connect a combination of Blu-ray Disc™ player, PlayStation®3 gaming console or any other HDMI-capable equipment. One HD component inputs provide added HD-capable connectivity in addition a PC input (HD-15 pin) lets you use your HDTV as a computer monitor.

#### **USB** Input

Share your photos on the big screen

# **LightSensor™ Technology**

Automatically increase or decrease the level of brightness of your TV's backlight based on a room's lighting conditions with the integrated LightSensor<sup>TM</sup> technology. Dim the lights to watch a movie and the sensor dims the backlight, which also helps reduce unnecessary power consumption.

### **Specifications**

| Audio                           |               |
|---------------------------------|---------------|
| Audio Power<br>Output           | 20W (10W x 2) |
| Speaker<br>Configuration        | 2             |
| Speaker Position                | Rear Facing   |
| Audio Features                  |               |
| 5.1 Channel Audio<br>Out        | Yes           |
| 5.1ch Through Out<br>(Handycam) | Yes           |

| Alternate Audio<br>(Digital)                | Yes                                       |
|---|---|
| Audio Out                                   | Fixed                                     |
| Auto Mute (on no signal)                    | Yes                                       |
| Auto SAP                                    | Yes                                       |
| Dolby®                                      | Dolby® Digital                            |
| Invisible Speaker<br>(w/Sound<br>Elevation) | Yes                                       |
| Sound Mode                                  | Dynamic, Standard,<br>Clear Voice, Custom |

| SteadySound®<br>Automatic Volume<br>Control | Yes                            |  |
|---|--------------------------------|--|
| Stereo System                               | MTS                            |  |
| Surround Effect                             | Cinema, Sports, Music,<br>Game |  |
| Convenience Features                        |                                |  |
| OCH VOLICO I CC                             | ilaics                         |  |
| Auto Shut-off                               | Yes                            |  |
|   |                                |  |



| Channel Jump   | Yes  |
|--|--|
| Channel Surf   | Yes  |
| Control for HDMI™ (HDMI™ CEC)  | Yes  |
| Edit Channel<br>Labels   | Yes  |
| Favorites (Simple UI)  | Yes  |
| Info Banner  | Yes  |
| Input Skip   | Manual   |
| Label Inputs   | Yes  |
| Multiple Language<br>Display   | English, French, Spanish   |
| On-Screen Display for External Input   | Yes  |
| Parental Control   | Yes  |
| Picture<br>Adjustments Lock  | Yes  |
| Picture Frame<br>Mode  | Yes  |
| PIP (Picture in Picture)   | Yes  |
| Scene Select   | Photo, Music, Cinema,<br>Game, Graphics,<br>Sports, General  |
| Show/Hide<br>Channels  | Yes  |
| Sleep Timer  | Yes  |
| Twin Picture   | PIP  |
| USB Play   | Yes  |
|  |  |
| Display  |  |
| Display Aspect Ratio   | 16:9   |
|  | 16:9<br>Full HD 1080 (1920x1080)   |
| Aspect Ratio   |  |
| Aspect Ratio Display Resolution  | Full HD 1080 (1920x1080)   |
| Aspect Ratio Display Resolution Panel Frequency  | Full HD 1080 (1920x1080)<br>120Hz  |
| Aspect Ratio Display Resolution Panel Frequency Screen Size (cm) Screen Size (measured   | Full HD 1080 (1920x1080)<br>120Hz<br>138.78cm  |
| Aspect Ratio Display Resolution Panel Frequency Screen Size (cm) Screen Size (measured diagonally) Viewing Angle   | Full HD 1080 (1920x1080)<br>120Hz<br>138.78cm<br>55"(54.64")   |
| Aspect Ratio Display Resolution Panel Frequency Screen Size (cm) Screen Size (measured diagonally) Viewing Angle (Right/Left) Viewing Angle  | Full HD 1080 (1920x1080) 120Hz 138.78cm 55"(54.64") 178  |
| Aspect Ratio Display Resolution Panel Frequency Screen Size (cm) Screen Size (measured diagonally) Viewing Angle (Right/Left) Viewing Angle (Up/Down)  | Full HD 1080 (1920x1080) 120Hz 138.78cm 55"(54.64") 178  |
| Aspect Ratio Display Resolution Panel Frequency Screen Size (cm) Screen Size (measured diagonally) Viewing Angle (Right/Left) Viewing Angle (Up/Down) Energy Saving & E  | Full HD 1080 (1920x1080) 120Hz 138.78cm 55"(54.64") 178 178  |
| Aspect Ratio Display Resolution Panel Frequency Screen Size (cm) Screen Size (measured diagonally) Viewing Angle (Right/Left) Viewing Angle (Up/Down) Energy Saving & Backlight Off Mode Dynamic Backlight   | Full HD 1080 (1920x1080) 120Hz 138.78cm 55"(54.64") 178 178 fficiency Yes  |
| Aspect Ratio Display Resolution Panel Frequency Screen Size (cm) Screen Size (measured diagonally) Viewing Angle (Right/Left) Viewing Angle (Up/Down) Energy Saving & E Backlight Off Mode Dynamic Backlight Control   | Full HD 1080 (1920x1080) 120Hz 138.78cm 55"(54.64") 178 178 fficiency Yes  |
| Aspect Ratio Display Resolution Panel Frequency Screen Size (cm) Screen Size (measured diagonally) Viewing Angle (Right/Left) Viewing Angle (Up/Down) Energy Saving & E Backlight Off Mode Dynamic Backlight Control General Features Closed Captions  | Full HD 1080 (1920x1080) 120Hz 138.78cm 55"(54.64") 178 178 Efficiency Yes Yes                                   |
| Aspect Ratio Display Resolution Panel Frequency Screen Size (cm) Screen Size (measured diagonally) Viewing Angle (Right/Left) Viewing Angle (Up/Down) Energy Saving & E Backlight Off Mode Dynamic Backlight Control General Features Closed Captions (CC)   | Full HD 1080 (1920x1080) 120Hz 138.78cm 55"(54.64") 178 178 fficiency Yes Yes Analog, Digital                    |
| Aspect Ratio Display Resolution Panel Frequency Screen Size (cm) Screen Size (cm) Screen Size (measured diagonally) Viewing Angle (Right/Left) Viewing Angle (Up/Down) Energy Saving & E Backlight Off Mode Dynamic Backlight Control General Features Closed Captions (CC) Demo Mode Finish (Surface                                  | Full HD 1080 (1920x1080) 120Hz 138.78cm 55"(54.64") 178 178 4fficiency Yes Yes Analog, Digital Yes               |
| Aspect Ratio Display Resolution Panel Frequency Screen Size (cm) Screen Size (measured diagonally) Viewing Angle (Right/Left) Viewing Angle (Up/Down) Energy Saving & E Backlight Off Mode Dynamic Backlight Control General Features Closed Captions (CC) Demo Mode Finish (Surface Color)  | Full HD 1080 (1920x1080) 120Hz 138.78cm 55"(54.64") 178 178 178 Sfficiency Yes Yes Analog, Digital Yes Black     |
| Aspect Ratio Display Resolution Panel Frequency Screen Size (cm) Screen Size (measured diagonally) Viewing Angle (Right/Left) Viewing Angle (Up/Down) Energy Saving & E Backlight Off Mode Dynamic Backlight Control General Features Closed Captions (CC) Demo Mode Finish (Surface Color) Hotel Mode Menu Start Up Sony Logo         | Full HD 1080 (1920x1080) 120Hz 138.78cm 55"(54.64") 178 178 2fficiency Yes Yes Analog, Digital Yes Black Yes Yes |
| Aspect Ratio Display Resolution Panel Frequency Screen Size (cm) Screen Size (measured diagonally) Viewing Angle (Right/Leff) Viewing Angle (Up/Down) Energy Saving & E Backlight Off Mode Dynamic Backlight Control General Features Closed Captions (CC) Demo Mode Finish (Surface Color) Hotel Mode Menu Start Up Sony Logo Display | Full HD 1080 (1920x1080) 120Hz 138.78cm 55"(54.64") 178 178 2fficiency Yes Yes Analog, Digital Yes Black Yes Yes |

| Analog Audio<br>Input(s) (Total)  | 3 (1 Side/ 2 Rear)  |
|---|---|
| Audio Out   | 1 (Rear)  |
| Component Video (Y/Pb/Pr) Input(s)  | 1 (Rear-Hybrid)   |
| Composite Video Input(s)  | 1 (Side)<br>1 (Rear-Hybrid)   |
| Digital Audio<br>Output(s)  | 1 (Rear)  |
| HDMI™<br>Connection(s)<br>(Total)   | 2 (Rear)  |
| HDMI™ PC Input  | Yes   |
| PC In (D-Sub) +<br>Audio In (Stereo<br>Mini)  | D-Sub 1 (Rear), Mini 1<br>(Rear)  |
| RF Connection Input(s)  | 1 (Rear)  |
| USB 2.0   | 1 (Side)  |
| Power   |   |
| Power<br>Consumption (in<br>Operation) max.   | 285W  |
| Power<br>Consumption (in<br>Standby)  | 0.4W  |
| Power<br>Requirements<br>(frequency)  | 60Hz for UL,cUL,NOM   |
| Power   | AC 120V for   |
| Requirements<br>(voltage)   | UL,cUL,NOM  |
| (voltage)   |   |
| (voltage)   | UL,cUL,NOM  |
| (voltage) Regulation and St   | UL, cUL, NOM<br>tandards Compliance   |
| (voltage)  Regulation and St  VESA® Hole Pitch  | UL, cUL, NOM<br>tandards Compliance   |
| (voltage)  Regulation and St  VESA® Hole Pitch  Sensing Features  LightSensor™  | UL, cUL, NOM<br>candards Compliance<br>400 x 300 mm   |
| (voltage)  Regulation and St  VESA® Hole Pitch  Sensing Features  LightSensor™  Technology  | UL, cUL, NOM<br>candards Compliance<br>400 x 300 mm   |
| (voltage)  Regulation and St  VESA® Hole Pitch  Sensing Features  LightSensor™  Technology  Service and Warranty  | UL, CUL, NOM  tandards Compliance  400 x 300 mm  Yes  anty Information  1 Year Parts / 1 Year   |
| (voltage)  Regulation and St  VESA® Hole Pitch  Sensing Features  LightSensor™ Technology  Service and Warranty Term  | UL, CUL, NOM  tandards Compliance  400 x 300 mm  Yes  anty Information  1 Year Parts / 1 Year   |
| (voltage) Regulation and St VESA® Hole Pitch Sensing Features LightSensor™ Technology Service and Warranty Term  TV System Channel  | VHF: 2-13 UH, cUL, NOM  randards Compliance  400 x 300 mm  Yes  anty Information  1 Year Parts / 1 Year Labor   |
| (voltage)  Regulation and St  VESA® Hole Pitch  Sensing Features  LightSensor™ Technology  Service and Warra  Limited Warranty Term  TV System  Channel Coverage  | UL, CUL, NOM  tandards Compliance  400 x 300 mm  Yes  anty Information  1 Year Parts / 1 Year Labor  VHF: 2-13 UHF: 14-69 CAIV: 1-135   |
| (voltage)  Regulation and St  VESA® Hole Pitch  Sensing Features  LightSensor™ Technology  Service and Warra  Limited Warranty Term  TV System  Channel Coverage  Color System  Number of Tuners  | VHF: 2-13 UHF: 14-69 CATV: 1-135 NTSC 3.58  |
| (voltage)  Regulation and Si  VESA® Hole Pitch  Sensing Features  LightSensor™ Technology  Service and Warra  Limited Warranty Term  TV System  Channel Coverage  Color System  Number of Tuners (Analog)  Number of Tuners   | VHF: 2-13 UHF: 14-69 CATV: 1-135 NTSC 3.58 1 (Hybrid)   |
| (voltage)  Regulation and Si  VESA® Hole Pitch  Sensing Features  LightSensor™ Technology  Service and Warranty Term  TV System  Channel Coverage  Color System  Number of Tuners (Analog)  Number of Tuners (Digital)  | UL, CUL, NOM  randards Compliance  400 x 300 mm  Yes  anty Information  1 Year Parts / 1 Year Labor  VHF: 2-13 UHF: 14-69 CATV: 1-135 NTSC 3.58  1 (Hybrid)  1 (Hybrid)   |
| Regulation and State VESA® Hole Pitch Sensing Features LightSensor™ Technology Service and Warra Limited Warranty Term TV System Channel Coverage Color System Number of Tuners (Analog) Number of Tuners (Digital) Tuner (Cable) Tuner (Terrestrial) TV System (Analog)                  | VHF: 2-13 UHF: 14-69 CATV: 1-135 NTSC 3.58 1 (Hybrid) 1 (Hybrid) Clear QAM  |
| Regulation and Si VESA® Hole Pitch Sensing Features LightSensor™ Technology Service and Warra Limited Warranty Term TV System Channel Coverage Color System Number of Tuners (Analog) Number of Tuners (Digital) Tuner (Cable) Tuner (Terrestrial) TV System (Analog) TV System (Digital) | VHF: 2-13 UHF: 14-69 CATV: 1-135 NTSC 3.58  1 (Hybrid) Clear QAM ATSC   |
| Regulation and State VESA® Hole Pitch Sensing Features LightSensor™ Technology Service and Warra Limited Warranty Term TV System Channel Coverage Color System Number of Tuners (Analog) Number of Tuners (Digital) Tuner (Cable) Tuner (Terrestrial) TV System (Analog)                  | VHF: 2-13 UHF: 14-69 CATV: 1-135 NTSC 3.58 1 (Hybrid) 1 (Hybrid) Clear QAM ATSC Mandards Compliance 400 x 300 mm  Yes anty Information 1 Year Parts / 1 Year Labor  VHF: 2-13 UHF: 14-69 CATV: 1-135 NTSC 3.58 1 (Hybrid) |
| Regulation and Si VESA® Hole Pitch Sensing Features LightSensor™ Technology Service and Warra Limited Warranty Term TV System Channel Coverage Color System Number of Tuners (Analog) Number of Tuners (Digital) Tuner (Cable) Tuner (Terrestrial) TV System (Analog) TV System (Digital) | VHF: 2-13 UHF: 14-69 CATV: 1-135 NTSC 3.58 1 (Hybrid) 1 (Hybrid) Clear QAM ATSC Mandards Compliance 400 x 300 mm  Yes anty Information 1 Year Parts / 1 Year Labor  VHF: 2-13 UHF: 14-69 CATV: 1-135 NTSC 3.58 1 (Hybrid) |

4:3 Default

Yes

| Advanced<br>Contrast Enhancer<br>(ACE)               | Yes   |  |
|--|---|--|
| Auto Wide  | Yes   |  |
| CineMotion®<br>Reverse 3:2<br>Pulldown<br>Technology | Yes   |  |
| Digital Noise<br>Reduction                           | Yes   |  |
| Live Color™<br>Technology                            | Yes   |  |
| Motionflow™<br>Technology                            | 120Hz   |  |
| MPEG Noise<br>Reduction                              | Yes   |  |
| Picture Mode   | Vivid, Standard,<br>Custom, Cinema,<br>Photo, Sports, Game-<br>Standard, Game-<br>Original, Graphics                                    |  |
| Wide Mode  | Full, Normal, Wide<br>Zoom, Zoom, Normal/<br>Full1/Full2 for PC   |  |
| Dimensions (Appr                                     | ox.)  |  |
| Dimensions<br>(Approx.)                              | 52 5/8 x 31 3/8 x 4 1/8"<br>(1334 x 795 x 102 mm)<br>without stand; 52 5/8 x<br>32 3/4 x 13 7/8" (1334<br>x 829 x 350 mm) with<br>stand |  |
| Weights and Measurements                             |   |  |
| Packaging<br>(Approx.)                               | 55 5/8 x 9 x 34 7/8" (1412<br>x 228 x 884 mm); 83.8<br>lbs (38.0 Kg)  |  |
| Weight (Approx.)                                     | 62.8 lb. (28.5 Kg) without<br>stand; 71.6 lbs (32.5 Kg)<br>with stand   |  |
| Accessories  |   |  |
| Supplied<br>Accessories                              | Remote Control (RM-<br>YD065)<br>AC Power Cord<br>(attached)<br>Table Top Stand<br>(separate, assembly<br>required)                     |  |
| - · ·  |   |  |

Wallmount Bracket (SU-WL500)

Optional Accessories



- 1. HDMI cable required, sold separately.
- 2. Limited to resolutions supported by both the PC and the Sony TV. See Sony TV user's manual and PC documentation for supported resolutions.

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