ComX Computers
Product Specification Sheet

BRAVIA KDL-40EX520

SONY 40EX520 40" Black Edge LED TV

Product Overview

SONY 40EX520 40" Black Edge LED TV - X-Reality Engine, Full HD 1920x1080, 4x HDMI, 2x USB, Skype Ready, WiFi Ready, Internet TV



Specifications

Overview:

Experience brilliant Full HD 1080p picture quality, incredible contrast and sharp, vivid images with the BRAVIA EX520 Series LED LCD HDTV. Add the UWA-BR100 wireless adapter (sold separately) to connect to your home network and stream the widest selection of internet entertainment from Netflix, YouTube, Qriocity, Pandora, Hulu Plus and more. Enjoy a vibrant picture whether watching Blu-ray Disc movies or streaming low-resolution internet video thanks to X-Reality Engine. You can also view photos, videos or listen to music via the USB input.

Features:

Slim Design, Stunning Picture
Experience the next level of picture quality and contrast with Edge LED Backlight technology. Unlike conventional LCD televisions, BRAVIA EX520 Series HDTVs use edge-mounted LEDs to light up the screen and deliver outstanding contrast and dark-scene detail. Other benefits include a thin design that displays sharp images and rich color detail. Other benefits include sharp images, rich color detail and a thin design.

Vivid Picture Quality
Experience an exceptional, lifelike picture with X-Reality Engine. This single chip solution features Sony's Intelligent Image Enhancer which divides the signal into four characteristics including texture, outline, contrast and color, and then optimizes each one individually for more vibrant and detailed images.

Entertainment on Tap
Add the UWA-BR100 Wi-Fi adapter (sold separately) to go beyond scheduled programming and watch what you want, when you want. Enjoy the widest selection of internet entertainment including Hollywood blockbusters from Qriocity, hit movies with Netflix, popular TV shows on Hulu Plus, user-generated video on YouTube or listen to music with Pandora.

Make Free Video Calls on Your TV
Add a Sony microphone/camera (sold separately) to make video Skype-to-Skype calls and Skype-to-phone calls. Now you can

use your TV to connect to friends and family all over the globe with internet voice and video calls. Coming this spring.

Share Photos, Videos and Music
Connect your digital camera or USB flash drive directly into this TV's built-in USB input and view your photos and videos on the big screen. You can also listen to the tunes stored on your USB-enabled MP3 player.

Media Sharing
Take advantage of Wi-Fi (UWA-BR100 wireless adapter required, sold separately) and access media files on your TV-all without leaving the couch. This DLNA Certified HDTV lets you share photos, videos and music on your TV by streaming them from compatible DLNA device like your PC or PlayStation3 system.

Presence Sensor
Save energy when you're not around. The television's built-in motion sensor has the ability to scan the room and detect movement. If the sensor detects no movement it automatically turns off the picture leaving only sound. After more time and no movement, the TV turns itself off minimizing any unnecessary power draw.

Faster Start-Up
Quick Start & Viewing feature enables this Sony television to go from 'OFF' to 'ON' 2-3 times faster than previous Sony televisions.

BRAVIA Sync Compatible
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.

Edge LED Backlighting
Experience the next level of picture quality and contrast with Sony's Edge LED Backlight technology. This technology sharpens image contrast giving an amazingly crisp picture you can see. The ultra-thin backlight system allows for a slimmer, sleeker design.

Navigation Made Easy
Enjoy an easy-to-use menu that allows you to navigate additional content or adjust the picture settings while watching your favorite program.

USB Photos, Videos & Music
Share your photos on the big screen or listen to your favorite music. Simply connect your digital camera, USB-enabled MP3 player, or USB storage device directly to your HDTV's USB input.

X-Reality Engine
Enjoy a vivid, lifelike picture experience. Sony's X-Reality engine brings out the best by analyzing each scene so you see sharpened images, and amazing contrast detail.

Media Remote App.
Download the free Media Remote app and use your iPhone or Android phone as a versatile remote control with full QWERTY keyboard.

LightSensor Technology
Enjoy customized picture brightness and save energy without lifting a finger. The built-in Light Sensor automatically adjusts the picture brightness based on the amount of light in the room.

Specifications:

Audio Features

5.1 Channel Audio Out	Yes
5.1ch Through Out (Handycam)	Yes
Alternate Audio (Digital)	Yes
Audio Out	Fixed/variable
Auto Mute (on no signal)	Yes
Auto SAP	Yes
Dolby	Dolby Digital, Dolby Digital Plus, Dolby Pulse
Headphone/Speaker Link	Yes
Invisible Speaker (w/Sound Elevation)	Yes
S-Master	Yes
Sony Original Surround	S-Force Front Surround 3D
Sound Booster	Yes
Sound Enhancer	Yes
Sound Mode	Dynamic, Standard, Clear Voice, Custom
Stereo System	MTS
Surround Effect	Cinema, Sports, Music, Game
Power	
Power Consumption (in Download Acquisition Mode)	0.02kWh / Day
Power Consumption (in Operation) max.	102W
Power Consumption (in Standby)	0.20W (120V) / 0.30W (240V)
Power Requirements (frequency)	60Hz for UL, cUL; 50/60Hz for other
Power Requirements (voltage)	AC 120V for UL, cUL; AC 110-240V for other
Service and Warranty Information	
Limited Warranty Term	1 Year Labor / 1 Year Parts
Recycled & Recyclable Materials	
Packaging Materials	Recycled Carton (more than 40%)
Display Features	
Backlight Type	Edge LED
Display Device	LCD
General Features	
Audio Return Channel	Yes
Closed Captions (CC)	Analog, Digital
Finish (Surface Color)	Black
HDMI InstaPort	Yes
Start Up Sony Logo Display	Yes

Video	
Video Signal	1080/24p (HDMI only), 1080/60i, 1080/60p (HDMI / Component), 720/60p, 480/60i, 480/60p
Network Features	
BRAVIA Internet Video	Yes
BRAVIA Internet Widgets	Yes
DLNA	Yes
HTML Browser	Yes
Photo MAP	Yes
Wireless LAN	Ready (UWA-BR100 required, sold separately)
Video Features	
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 Pulldown Technology : Yes
Deep Color	Yes
Intelligent Image Enhancer	Yes
Intelligent MPEG Noise Reduction	Yes
Live Color Technology	Yes
PhotoTV HD	Yes
Picture Mode	Vivid, Standard, Photo-Vivid, Photo-Standard, Photo-Original, Photo-Custom, Cinema, Game-Standard, Game-Original, Graphics, Sports, Animation
Video Processing	X-Reality Engine
Wide Mode	Full, Normal, Wide Zoom, Zoom, Caption, Normal/Full1/Full2 for PC
Audio	
Audio Power Output	10W + 10W
Convenience Features	
Auto Shut-off	Yes
BRAVIA Sync	Yes
Channel Block (with password)	Analog & Digital
Channel Jump	Yes
Channel Surf	Yes
Control for HDMI (HDMI CEC)	Yes
Edit Channel Labels	Yes
Info Banner	Yes
Input Skip	Automatic

Label Inputs	Yes
Multiple Language Display	English, French, Spanish
On-Screen Clock	Yes
On-Screen Display for External Input	Yes
On-Screen Operating Instructions	Yes
On/Off Timer	Yes
PAP (Fixed or Variable)	PAP(Variable)
PIP (Picture in Picture)	Yes
Parental Control	Yes
Picture Adjustments Lock	Yes
Picture Frame Mode	Yes
Scene Select	Photo, Music, Cinema, Game, Graphics, Sports, Animation
Show/Hide Channels	Yes
Skin Naturalizer	Yes
Sleep Timer	Yes
USB Application(s)	Yes
Inputs and Outputs	
AC Power Input	1 (Rear)
Analog Audio Input(s) (Total)	2 (Rear)
Audio Out	1 (Side/Hybrid)
Component Video (Y/Pb/Pr) Input(s)	1 (Rear/Hybrid)
Composite Video Input(s)	2 (1 Rear/1 Hybrid)
Digital Audio Output(s)	1 (Rear)
Ethernet Connection(s)	1 (Rear)
HDMI Connection(s) (Total)	4 (1 Side/3 Rear)
HDMI PC Input	Yes
Headphone Output(s)	1 (Side/Hybrid)
PC In (D-Sub) + Audio In (Stereo Mini)	D-Sub 1(Side), Mini 1(Rear)
RF Connection Input(s)	1 (Rear)
USB 2.0	2 (Side)
TV System	
Channel Coverage	VHF: 2-13, UHF: 14-69, CATV: 1-135
Color System	NTSC
Number of Tuners (Analog)	1
Number of Tuners (Digital)	1
TV System (Analog)	M
TV System (Digital)	ATSC

Tuner (Cable)	Clear QAM
Tuner (Terrestrial)	ATSC
Weights and Measurements	
Dimensions (Approx.)	37 1/4 x 23 1/8 x 1 2/3" (943 x 586 x 42mm) without stand; 37 1/4 x 24 3/8 x 9 7/8" (943 x 616 x 250mm) with stand
Packaging (Approx.)	43 3/4 x 26 3/4 x 5 1/4" (1109 x 679 x 132mm); 41 lbs (19 Kg)
Weight (Approx.)	24.7 lbs (11.2 Kg) without stand; 31.8 lbs (14.4 Kg) with stand
Design Features	
Stand Swivel	Yes
Stand Swivel Range	Left 20 degrees/Right 20 degrees
Stand Tilt	Yes
Stand Tilt Range	0 degrees- 6 degrees Flexible
Energy Saving & Efficiency	
Backlight Off Mode	Yes
Dynamic Backlight Control	Yes
Energy Star compliant	Yes (Exceeds v5.0)
Broadcast Features	
TV Guide On-Screen	Yes
Display	
Aspect Ratio	16:9
Display Resolution	Full HD 1080p
Dynamic Contrast Ratio	Infinite5
Panel Frequency	60Hz
Screen Size (measured diagonally)	40"
Viewing Angle (Right/Left)	176 degrees
Viewing Angle (Up/Down)	176 degrees
Regulation and Standards Compliance	
VESA Hole Pitch	300 x 300 mm
VESA Hole Spacing Compatible	Yes
Sensing Features	
LightSensor Technology	Yes
Presence Sensor	Yes

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/BRAVIA-KDL-40EX520-SONY-40EX520-40-Black-Edge-LED-TV-p-45474.php

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