ComX Computers
Product Specification Sheet

BRAVIA KDL-40EX650

SONY 40EX650 40" Black Edge LED Backlit TV

Product Overview

SONY 40EX650 40" Black Edge LED Backlit TV - X-Reality Engine, FullHD 1920x1080, 4x HDMI, 2x USB, SkypeReady, WiFiReady, Internet TV.





Specifications

Overview:

- 102cm / 40", Full HD TV with Edge LED, X-Reality, built-in Wi-Fi and Sony Internet TV.
- Detailed picture with X-Reality.
- Wi-Fi for easy access to catch-up TV, movies & apps.
- Change the TV viewing angle for the perfect view.

Features:

- See every detail with Full HD - Get totally immersed in the action with smooth, highly detailed Full High Definition viewing.
- Natural colours and clear, detailed pictures - See crisp detail with no degradation or noise, even for Standard Definition pictures, with the X-Reality picture engine.
- Edge LED for high picture contrast - Benefit from enhanced colour intensity, high contrast and improved energy efficiency, all within a slim screen design.
- See action clearly with Motionflow XR 100Hz - Watch action sequences at the equivalent of 100 frames a second and enjoy a smoother picture with less judder and blur.
- Built-in Wi-Fi to easily connect to the Internet - Stream entertainment from your wireless home network and the Internet without the clutter of cables.
- Easily connect to the web on your TV - Stream full-screen movies, music, Internet videos, apps, and access social networks on the Sony Entertainment Network.
- Ready for video and voice calls with Skype - Add a voice control camera and microphone and make free Skype calls to friends and family from the comfort of your sofa.
- Surf the web through your TV - Go online to browse text and picture-based Internet pages through your TV.
- Use your smartphone as a remote control - Download the Media Remote app and use your iPhone, Android phone or tablet as a remote control or mouse for browsing the web.
- Connect directly to other Wi-Fi devices - With a firmware update your TV can connect directly to other Wi-Fi Direct devices without cables, routers or complicated settings.
- Share movies & music from your PC & other devices - Stream movies, music and photos to your TV from a PC or MP3 player

- or send photos and videos from your smartphone to your TV.
- Find details about a TV soundtrack - Like a song on the TV programme you're watching? Press TRACK ID and get the full song details, then link the search to Twitter.
- Get full details about a movie you're watching - Find out detailed information about your favourite movies or TV shows and link it to video on demand and USB recording.
- Easily connect to HD devices with HDMI - HDMI inputs with CEC and Audio Return Channel make it easier to connect to High Definition devices.
- Record TV shows to an external hard drive - Save TV programmes to a Hard Disk Drive via USB and watch them back when it suits you - even pause live TV, or record a series.
- Get benefits and exclusive offers with My Sony - Register your BRAVIA TV and become a My Sony member for exclusive access to tutorials, special offers and more.

Specifications:

Supplied accessories	
Remote control	RM-ED050
Batteries	Type AAA x 2
AC power cable	YES
Warranty card	YES (URL)
3D Glasses	-
Optional accessories	
3D Glasses	-
VC Camera and Micropohone	-
Dimensions	
TV without table-top stand (W x H x D cm)	94.1 x 57.6 x 6 (4.66)
TV with table-top stand (W x H x D cm)	94.1 x 59.5 x 24.1
Box dimensions (W x H x D cm)	119.4 x 67.4 x 15.0
Display	
Screen type	LCD
Backlight type	Edge LED
Dimming Type	-
Resolution	Full HD (1920 x 1080)
Screen size (inch)	40
Screen size (cm)	102
Aspect ratio	16:9
Panel type	-
Gorilla Glass	-
Dynamic contrast ratio	Over 1 million
Viewing Angle (Right/Left)	178 (89/89)
Viewing Angle (Up/Down)	178 (89/89)

Picture quality	
Picture processing engine	X-Reality
Face Area Detection	-
Video Area Detection	-
Super resolution for Game Mode	-
Picture mode settings	Vivid / Game-Standard / Game-Original / Graphics / Sports / Animation / Standard / Custom / Photo-Vivid / Photo-Standard / Photo-Original / Photo-Custom / Cinema1 / Cinema2
Wide mode settings	FULL / Normal / Wide Zoom / Zoom / Caption / 14:9
Wide mode settings for PC	Normal/Full1/Full2
Auto wide mode	YES
Motion enhancer	Motionflow XR 100 Hz
Frames per second (Hz)	50 Hz
Advanced Contrast Enhancer	YES
Live Colour Technology	YES
Deep Colour	YES
Intelligent MPEG Noise Reduction	YES
Scene select	Photo / Music / Cinema / Game / Graphics / Sports / Animation
24p True Cinema	YES
CineMotion / Film Mode / Cinema Drive	YES
Network features	
Wireless LAN (Wi-Fi)	YES
Skype	Ready
Sony Entertainment Network	YES
Apps	YES
Web browser	YES (Opera)
Media remote (iPhone / Android)	YES
TrackID	YES
BRAVIA Internet Video	YES
Wi-Fi Direct	YES
Video Search	YES
What's New	YES
Music Search	YES
TV/Video Search	YES
DLNA Content	MPEG1 / MPEG2PS / MPEG2TS / AVCHD / MP4Part10 / MP4Part2 / WMV / MP3 / WMA / LPCM / JPEG
Photo Map	YES

Design features	
Stand design	Easel (Tilt/Swivel) Default=6deg
Monolithic Design	-
6 degree Upward Style	YES
Swivel	YES
Swivel range	Left / Right 15 degrees
Tilt	YES
Tilt positions	0 degrees / Back 6 degrees
Audio quality	
Audio power output	20W (10W x 2)
Sound mode settings	Dynamic / Standard / Clear Voice
Surround Effect	Cinema / Sports / Music / Game
S-Force Front Surround 3D	YES
S-Master	YES
Dolby	Dolby Digital / Dolby Digital Plus / Dolby Digital Pulse
Stereo system	NICAM/A2
Inputs and outputs	
AC power input	1 (Rear)
RF connection input	1 (Bottom)
HDMI input	4 (2 Side / 2 Bottom)
HDMI PC input	YES
SCART input (without Smartlink)	1 (Rear)
SCART input (with Smartlink)	-
USB	2 (Side)
Ethernet input	1 (Bottom)
Composite video input	1 (Rear Hybrid w/Component)
Component video (Y/Pb/Pr) input	1 (Rear Hybrid w/Composite)
PC in (D-Sub) + Audio in (Stereo Mini)	1 (Side)
PCMCIA input	1 (Side)
Analog audio input	2 (1 Rear/1 Side)
Optical digital output	1 (Bottom)
Audio output	1 (Side)
Headphone output	1 (Side)
PC Input Format Support	640x480@60Hz / 800x600@60Hz / 1280x768@60Hz-R / 1280x768@60Hz / 1360x768@60Hz / 1024x768@60Hz / 1280x1024@60Hz / 1920x1080@60Hz
Video Out (SCART)	1 (Rear)
Service Port	YES

Eco and energy saving	
Energy Label Rating	A
Screen size (measured diagonally) (approx. in inch)	40
Screen size (measured diagonally) (approx. in cm)	102
Power consumption (in operation) (Home mode) (W)	62
Power consumption (in operation) (Shop mode) (W)	115
Annual energy consumption (kWh*)	86
Power consumption (Standby) (W)	0.25
Power Consumption (off mode) (W)	-
Screen resolution	1920 x 1080
Peak luminance ratio	0.67
Mercury content (mg)	0
Lead content	YES
LightSensor	YES
Energy saving switch	-
Power saving modes	YES
Dynamic backlight control	YES
Packaging Materials	Recycled Carton (more than 70%)
Backlight off mode	YES
Scene Optimized Energy Saving	-
*	Energy consumption XYZ kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.
Special features	
Electronic programme guide (EPG)	YES (not Rovi)
On-screen clock	YES
Sleep timer	YES
On / Off timer	YES
BRAVIA Sync	YES
Picture and picture (PAP)	YES (Variable)
Picture in picture (PIP)	-
Parental control	YES
USB Play	YES (USB viewer supports FAT16, FAT32 and exFAT file systems.)
USB HDD Recording	YES
Photo Frame mode	-

Multiple language display	YES (25 languages)
Favourites	YES
Panorama	YES
Skin Naturalizer	Photo
i-Manual	YES
On-screen display for external input	YES
Weight	
TV without table-top stand (kg)	11.3
TV with table-top stand (kg)	13.6
DVB-T (digital terrestrial)	YES
DVB-T2 (digital terrestrial)	-
DVB-S2 (digital satellite)	-
DVB-C2 (digital cable)	-
DVB-C (digital cable)	YES
CI+	YES
Analog	YES
Video signal	
1080/24p (HDMI)	YES
480/60i	YES
480/60p	YES
576/50i	YES
576/50p	YES
720/24p (HDMI only)	YES
720/30p (HDMI only)	YES
720/50p	YES
720/60p	YES
1080/60i	YES
1080/50i	YES
1080/30p (HDMI only)	YES
1080/60p (HDMI / Component)	YES
1080/50p (HDMI / Component)	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-40EX650-SONY-40EX650-40-Black-Edge-LED-Backlit-TV-p-62508.php

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