

# SONY

**KDL-40EX401**

The essential Full High Definition experience



## Features

**Full HD 1080** – watch sports, movies and games in superb High Definition detail with a 1920 x 1080 pixel picture resolution

**USB Media Player** – plug in a USB device and enjoy movies, photos and music on your TV using USB playback

**HDMI™** – 4 inputs (3 on rear, 1 on side, all with CEC) make it easier to connect to High Definition sources such as Blu-ray Disc™ and PLAYSTATION®3

**Light Sensor** – automatically adjust screen brightness to suit ambient light levels in the room so you can enjoy optimum picture quality with minimum energy loss

**BRAVIA ENGINE 2** – experience incredibly clear and defined colour and picture detail

**Live Colour™** – select from four modes, Off, Low, Mid, and High, to adjust colour settings for vibrant pictures and optimal image quality

**24p True Cinema™** – reproduce the authentic cinematic experience and enjoy movies exactly as the director intended in 24 frames per second

**Cinema Mode** – choose from two different cinema modes to reproduce an authentic movie experience at home with unique film-like textures and adjusted colour and brightness settings

**Scene Select** – with one-touch of the remote control you can easily enjoy the best atmospheric, dynamic and realistic picture and sound settings to suit whatever you're watching

**BRAVIA Sync** – control your entire home entertainment system with a universal remote control option which lets you play or adjust settings on compatible devices at the touch of a button

**Clear Voice** – activate Clear Voice to automatically boost voice frequency bands and enhance poor voice quality to clear, crisp, louder dialogue

**Picture Frame Mode** – turn your BRAVIA into a work of art by displaying pre-installed images or your own photos and make great use of your wall space even when you're not watching TV

**XrossMediaBar™** – get the most from your BRAVIA using the award winning, easy-to-use

**XrossMediaBar™** menu to browse TV functions, configure settings and play content from connected devices

**Auto Photo Mode** – connect a compatible camera or camcorder via HDMI™, USB or DLNA and your TV will automatically switch to optimum settings for displaying photos and reproduce their full, realistic texture and colour

**i-Manual** – access the pre-installed digital manual through your TV and get all the useful information you need on-screen when you need it (without the need for a paper manual), including BRAVIA Tips to help you optimise your viewing experience

**Eco Settings** – quickly access a variety of eco settings which reduce power consumption and help you to save on household bills and be friendlier to the environment

**Integrated digital terrestrial TV tuner** – access digital TV channels (or analogue TV) from a built-in DVB-T tuner (MPEG2) which means there's no need for a set-top box; it's the easy way to make the digital switch-over when analogue TV is turned off

**Integrated MPEG-4 AVC HD TV tuner** – forget the set-top box and access TV services including HD TV channels with a built-in DVB-T and DVB-C tuner with MPEG4 AVC decoder (subject to country and with supported operators only)

**CI+ Ready** – easily slot in a smartcard with CI+ CAM to access pay TV and subscription channels (CI Plus is completely compatible with Digital Video Broadcasting–Common Interface so existing CAMs can be used where available)

**My Sony** – registering your BRAVIA couldn't be easier; become a My Sony member and get exclusive access to tutorials, special offers and more

## Specifications

### Video Signal

576i	YES
480p	YES
576p	YES
1080i	YES
720p	YES
1080p	YES(HDMI®/Component)
24p input	YES(HDMI®)

### Timer

Sleep Timer	YES
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### Accessories

AC Cable	Attached
Operating Instructions	YES
VESA Mounting Holes	YES
VESA Hole Spacing (cm)	30 x 30
VESA Screw Dimensions (Type/Length)	M6
Table-Top Stand	Supplied
Remote Commander	RM-ED022
Wall-Mount Bracket	SU-WL500 (optional)

### Audio

Digital Amplifier	YES
S-Force Front Surround	Dolby® Plus
Power Output (W)	20W (10W x 2)
Sound Mode	Dynamic/Standard/Clear Voice
Surround Mode	Cinema/Music/Sport/Game
Steady Sound	YES
Dolby® Digital	YES
Dolby® Digital Plus	YES
5.1 Channel Audio Out	YES
Speaker Off	YES

### Colour System

NTSC 3.58/4.43 (Video In)	YES
PAL	YES
Secam	YES

### Connectors

Digital Audio Output (optical)	1
HDMI™ Inputs	4 (1 Side/3 Rear)
HDMI™ PC Signal Capability	YES

PC Input (15pin D-Sub) + Audio In	YES
Component Inputs	1
Composite Video In	1
USB 2.0 Input	1
MiniJack (Head/ Earphone) (mm)	3.5
PCMCIA Card Slot	YES
RCA AV Input	YES
RF In	YES
Scart Inputs (RGB)	2
BRAVIA Theatre Sync	YES
BRAVIA Sync	YES

### Dimensions

With Table Stand (W x H x D, cm)	99.2 x 63.5 x 25.0
Without Table Stand (W x H x D,)	99.2 x 59.8 x 10.0

### Box Dimensions

(W x H x D, cm)	107.8 x 68.3 x 19.0
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### General Data

Colour	Black
Power Consumption (Standby) (W)	0.19
Power Consumption (Shop Mode) (W)	146
Power Consumption (Home Mode) (W)	110
Peak Luminance Ratio	65%
Mercury Content (g)	35.0
Lead Content	YES
Weight With Table Stand (kg)	15.9
Weight Without Table Stand (kg)	13.9

### Menu

XrossMediaBar™ (XMB™)	YES
Auto Standby	YES
Parental Lock	YES
Programme Index Table	YES (subject to countries/broadcast)
On-Screen Instruction Manual	YES

### Menu Languages

Bulgarian Menu	YES
Catalan Menu	YES
Czech Menu	YES
Danish Menu	YES
Dutch Menu	YES
English Menu	YES
Estonian Menu	YES

Finnish Menu	YES
French Menu	YES
German Menu	YES
Greek Menu	YES
Hungarian Menu	YES
Italian Menu	YES
Norwegian Menu	YES
Polish Menu	YES
Portuguese Menu	YES
Romanian Menu	YES
Russian Menu	YES
Slovakian Menu	YES
Slovenian Menu	YES
Spanish Menu	YES
Swedish Menu	YES
Turkish Menu	YES

<b>Picture</b>	
Dynamic Contrast	High
Backlight	CCFL
BRAVIA ENGINE 2	YES
Advanced Contrast Enhancer (ACE)	YES
Intelligent Picture	YES
MPEG Noise Reduction	YES
Live Colour	YES
Picture Mode	Vivid/Standard/Cinema/Game/Graphics/Sports/Photo
Auto Picture Setting (with HDMI™)	Cinema/Sports/Music/Photo/Graphics/Game
Scene Select	Auto/Cinema/Game/Music/Photo/Sports/Graphics/General
Theatre Mode	YES
CineMotion/Film Mode/Cinema Drive	YES
24p True Cinema	YES
USB Photo Viewer	YES (jpeg)
USB Music Player	YES (mp3)
USB Video Player	YES (mpeg1/DivX/MPEG4)
Auto Photo Mode (DLNA/USB/HDMI™)	YES (via HDMI@/USB)
Picture Frame Mode	YES
Eco Settings	YES
Power Saving + Picture Off	YES
Power Saving Mode	YES
Energy Saving Switch	YES
14:9 Mode	YES
4:3 Mode	YES
Smart Mode	YES
Wide Mode	YES
Zoom Mode	YES
AFD (Auto Format Detect)	YES
3D Comb Filter	YES
Display Resolution (Pixels)	1920 x 1080
Display Technology	LCD
Screen Aspect Ratio	16:9
Screen Size (cm)	102
Screen Size (inch)	40

<b>Sound System</b>	
B/G	YES
D/K	YES
I	YES
L	YES
NICAM	YES

<b>Teletext</b>	
Teletext	YES
EPG (NexTVView/Digital EPG)	YES (subject to countries/broadcast)
Text Page Memory	1000

<b>Tuning</b>	
Analogue Terrestrial Tuner	YES
Digital Terrestrial Tuner (MPEG-2)	YES (DVB-T)
Digital TV Cable Tuner (with supported operators)	DVB-C
CI+ Ready (with supported operators)	YES
High Definition TV Tuner (MPEG-4) - H.264 (with supported operators)	YES
Favourite Channels	YES (enhanced User Interface)
Auto Labelling	YES
Auto Start Up/Tuning	YES
Channel Coverage CATV	S1-S20
Channel Coverage HYPER	S21-S41
Channel Coverage UHF	E21-E69
Channel Coverage VHF	E2-E12
Channel Skip	YES
No. of Tuners	1
Station Labelling	YES

<b>Guarantee</b>	
Guarantee in Months	-