# KD-65XH9005BU

**Full Array LED**

Sony BRAVIA 65XH90 65" Full Array LED 4K HDR Android TV

EAN: 4548736114739

Also available in 55", 75" & 85"*

## Suggested Sound Bars:

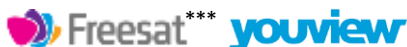**HT-G700** 3.1ch Dolby Atmos® / DTS:X™ Soundbar with Bluetooth

(product image TBC)

**HT-X8500** 2.1ch Dolby Atmos®/DTS:X® Single Soundbar with built-in subwoofer

# Key Features and Technologies:

- X1 4K HDR Processor
- Full Array LED
- TRILUMINOS DISPLAY
- DOLBY VISION·ATMOS
- Netflix Calibrated Mode
- Acoustic Multi-Audio
- Freesat***
- youview
- X-tended Dynamic Range
- 4K HDR
- X-Motion Clarity
- CalMAN
- androidtv
- Google Assistant
- Works with Apple AirPlay
- Works with Apple HomeKit
- WORKS WITH alexa

# 3 Key Benefits:

### Cinematic Contrast with Full-Array LED
- Bright sections are brighter, darkness is darker and the contrast between the two is sharper than ever. With a Full-Array LED Backlight, the screen is segmented in to multiple zones, the brightness and contrast in these zones is individually controlled by Sony's X-tended Dynamic Range PRO technology to deliver superb contrast.

### Perfect for Sport, Action and Gaming
- Whatever you use your FULL ARRAY LED TV for, with the Sony XH90, detail is enhanced, colour is increased and fast-moving pictures are smooth and realistic. It harnesses class-leading X-Motion Clarity technology to deliver a smooth, blur free picture without sacrificing any brightness.

### The Ultimate Smart TV Experience
- With more apps available than any other Smart Platform and regular updates to introduce new apps and features, Android TV provides the best possible Smart TV experience.
- Sony Android TVs come with Chrome Cast Built in, Apple Airplay / Homekit and works with your existing Amazon Alexa devices, ensuring that your TV can sit at the heart of your Smart Home.

## Ticket Suggestion:

**SONY**

**KD-65XH90**

1. Full Array LED with Local Dimming
2. 4K HDR Processor X1
3. X-Motion Clarity (with 100Hz Native Panel)
4. Acoustic Multi-Audio
5. Android TV with Google Assistant

Features above show stepups from lower range models and vs key competition. Explanations of technologies over page.

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* Features and Specification may vary between screen size
** The Asset repository will be added to over time, please check back for the latest updates
*** Freesat will be added via future software update

# SONY

## X1 4K HDR Processor

Sony's 4K HDR X1 Processor is the brain inside the TV driving the image quality. This processor boosts the detail, improves the contrast and helps to enhance the colours, basically making everything you watch on the screen look more lifelike.

## X-Motion Clarity

X-Motion Clarity is Sony's flagship LED motion processing technology. It enhances smoothness and reduces blur while maintaining a stunningly bright image. Perfect for sport, fast moving action movies and gaming.

## TRILUMINOS DISPLAY

The TV can show a breath taking range of colours, meaning images look vibrant and true to life. The technical name for this technology is a "Wide Colour Gamut".

## Full Array LED — X-tended Dynamic Range

With a Full-Array Local Dimming, the backlight is segmented into multiple zones, the brightness and contrast in these zones is individually controlled by Sony's X-tended Dynamic Range to deliver superb contrast. Brighter whites, and darker darks.

## Acoustic Multi-Audio — DOLBY ATMOS

Acoustic Multi-Audio gives you a breath taking sound-from-picture experience. Two sound-positioning tweeters at the rear of the TV, combine with the front facing speakers, making it feel like voices and sounds are coming from exactly where the action is located on-screen.

## androidtv — Google Assistant

Over 5000 apps (more than any other smart TV platform), Google Assistant, Chromecast built in, YouView and much more. And with the voice remote, you can control the set just with your voice.

Works with Apple AirPlay / Works with Apple HomeKit / Chromecast built-in / Works with alexa

Seamlessly connect your Apple device to the TV with Apple Airplay to share videos, photos, music or apps. Or connect to your Smart home with Apple Homekit. The TV can also be controlled with your existing Amazon Alexa speakers.

| Movies & Series* | Catch Up TV* | Sport* | Gaming* | Video* | Music* | Kids* |
|---|---|---|---|---|---|---|
| NETFLIX, prime video, Disney+, Chili, MUBI, Rakuten TV, Chili | BBC iPlayer, itv HUB, My5, youview, RTÉ Player | SofaScore, UFC, ESPN, NBA, Red Bull TV, MotoGP, NFL, Eurosport Player | twitch, STEAM LINK, Google Play Games, VORTEX | vimeo, PLEX, dailymotion, YouTube, VLC media player, MX Player, TED, KODI | Spotify, deezer, TUNE IN, TIDAL, Google Play Music, BBC Sounds | YouTube Kids, BBC iPlayer Kids, Kidoodle.TV, PlayKids |

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## PICTURE

| | |
|---|---|
| Screen Size | 65" (164cm) |
| Resolution | 3840 x 2160 (4K) |
| Backlight | Full Array LED with Local Dimming |
| Contrast Enhancement | X-tended Dynamic Range |
| Picture Processor | 4K HDR Processor X1 |
| Upscale Technology | 4K X-Reality Pro |
| High Dynamic Range (HDR) | Yes (HDR-10, HLG, Dolby Vision) |
| Native Panel Refresh rate | 100 Hz |
| Motion Processing Technology | X-Motion Clarity |
| Colour (TRILUMINOS/Super Bit Mapping/Precision Colour Mapping) | Yes / No / No |
| Expanded Viewing Angle | No |
| Netflix Calibrated Mode | Yes |
| IMAX Enhanced | No |
| CalMAN Calibration Compatibility | Yes |

## DESIGN

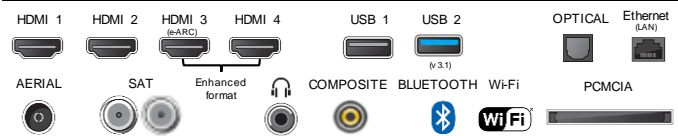| | |
|---|---|
| Stand Name | Metal Blade Stand |
| Stand Colour | Dark Silver |
| Bezel Name | Aluminium Bezel |
| Bezel Colour | Black |
| Adjustable Stand | No |
| Integrated Cable Management | Yes |

## USER EXPERIENCE

| | |
|---|---|
| Smart Platform | Android TV |
| Hands Free Voice Search (Integrated Mic) | No |
| Chrome Cast Built-in (Android & iOS compatible) | Yes |
| AirPlay 2 / HomeKit / Alexa compatible | Yes / Yes / Yes |
| Wifi / Bluetooth | Yes (v 802.11a/b/g/n/ac) / Yes (v4.2) |
| Web Browser | Yes |
| Ambient Optimisation | No |
| USB HDD Recording | **Yes** |
| Onboard Storage (expandable via USB) | 16 GB |

## AUDIO

| | |
|---|---|
| Sound from Screen: | Acoustic Multi-Audio |
| Speaker Type: | X-Balanced Speaker |
| Audio Enhancements | Clear Phase |
| Audio Format | DTS, Dolby Audio, Dolby Atmos |
| Dolby ATMOS from TV Speaker | Yes |
| Built-in Subwoofer | No |
| Audio System | 2ch (2x full range speakers, 2x sound positioning tweeters) |
| Audio Power Output | 20W (10w + 10w) |

## TV SYSTEM

| | |
|---|---|
| HDCP Version | 2.3 |
| Tuner ( DVB-C, DVB-T/T2, DVB-S/S2) | Yes |
| Number of Tuners | 2 x Digital, 1 x Analogue, 2 x Sat |
| Freesat Compatible | Yes**** |
| Catch up platform: | YouView (UK only) |
| HDMI Version | 1 x HDMI 2.1 (eARC, VRR, ALLM, 4K120), 3 x HDMI 2.0b |

## ENERGY / ECO

| | |
|---|---|
| Energy Rating / Light Sensor | A / Yes |
| Power Consumption (Standard Operation)/ In Standby | 143W / 0.5W |
| Annual power consumption*** | 198 kWh |
| Automatic Standby / Clock | Yes / Yes |
| Picture Off Mode | Yes |

## CONNECTIVITY

HDMI 1 | HDMI 2 | HDMI 3 (eARC) | HDMI 4 | USB 1 | USB 2 (v 3.1) | OPTICAL | Ethernet (LAN)

AERIAL | SAT | Enhanced format | COMPOSITE | BLUETOOTH | Wi-Fi | PCMCIA

## REMOTE CONTROL

| | |
|---|---|
| Remote Control | Standard Remote (RMF-TX500E) |
| Batteries for remote | Yes (x 2 AAA) |
| Microphone for Voice Control | Yes |
| Bluetooth / IR control / Backlight | Yes / Yes / No |

## WALL MOUNT

| | |
|---|---|
| Wall Bracket Compatible: | Yes, (SULW450 & SULW850) |
| VESA Spacing | 300 x 300mm |

## DIMENSIONS AND WEIGHT

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|---|---|
| Dimensions inc. stand (WxHxD) | Approx. 145.0 x 90.3 x 33.8 (cm) |
| Dimensions without stand (WxHxD) | Approx. 145.0 x 83.3 x 7.0 (cm) |
| Dimensions of package carton (WxHxD) | Approx. 157.4 x 95.8 x 18.4 (cm) |
| Weight of Package Carton (gross) | Approx. 31 kg |
| TV Weight with stand / no stand | Approx. 23.2 kg / 22.2 kg |
| Stand Width | Approx 112.8 cm |
| Adjustable stand? | No |
| Line Drawings | https://bit.ly/2VevUgr |

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