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Sony KD50X85K

Sony KD50X85K 50 Inch 4K Ultra HD Smart Google TV Instruction Manual

Model: KD50X85K | Brand: Sony

1. Introduction

The Sony KD50X85K 50 Inch 4K Ultra HD Smart Google TV offers an enhanced entertainment experience. Featuring a native 120Hz refresh rate and 4K HDR resolution, it delivers smooth, clear visuals with rich colors and detailed contrast. Powered by the advanced 4K HDR Processor X1™, this television provides realistic picture quality, making you feel immersed in the action. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new television.

2. Safety Information

General Safety Precautions

- Read all instructions before operating the television.
- Keep the television away from heat sources, direct sunlight, and moisture.
- Ensure proper ventilation to prevent overheating. Do not block ventilation openings.
- Use only attachments/accessories specified by the manufacturer.
- Unplug the television during lightning storms or when unused for long periods.

Power and Cables

- Connect the power cable securely to a suitable power outlet.
- Do not overload wall outlets or extension cords.
- Protect the power cord from being walked on or pinched.

Cleaning and Maintenance

- Unplug the television from the wall outlet before cleaning.
- Use a soft, dry cloth to clean the screen and cabinet. Do not use liquid cleaners or aerosol cleaners.

3. Included Components

Your Sony KD50X85K television package includes the following items:

- Power Cable
- Remote Control
- Stand (Legs)

4. Setup

Unpacking the Television

Carefully remove the television and all accessories from the packaging. It is recommended to retain the original packaging for future transport or service needs.

Stand Installation

If placing the TV on a stand, attach the included legs to the bottom of the television using the provided screws. Ensure the legs are securely fastened to prevent the TV from tipping.

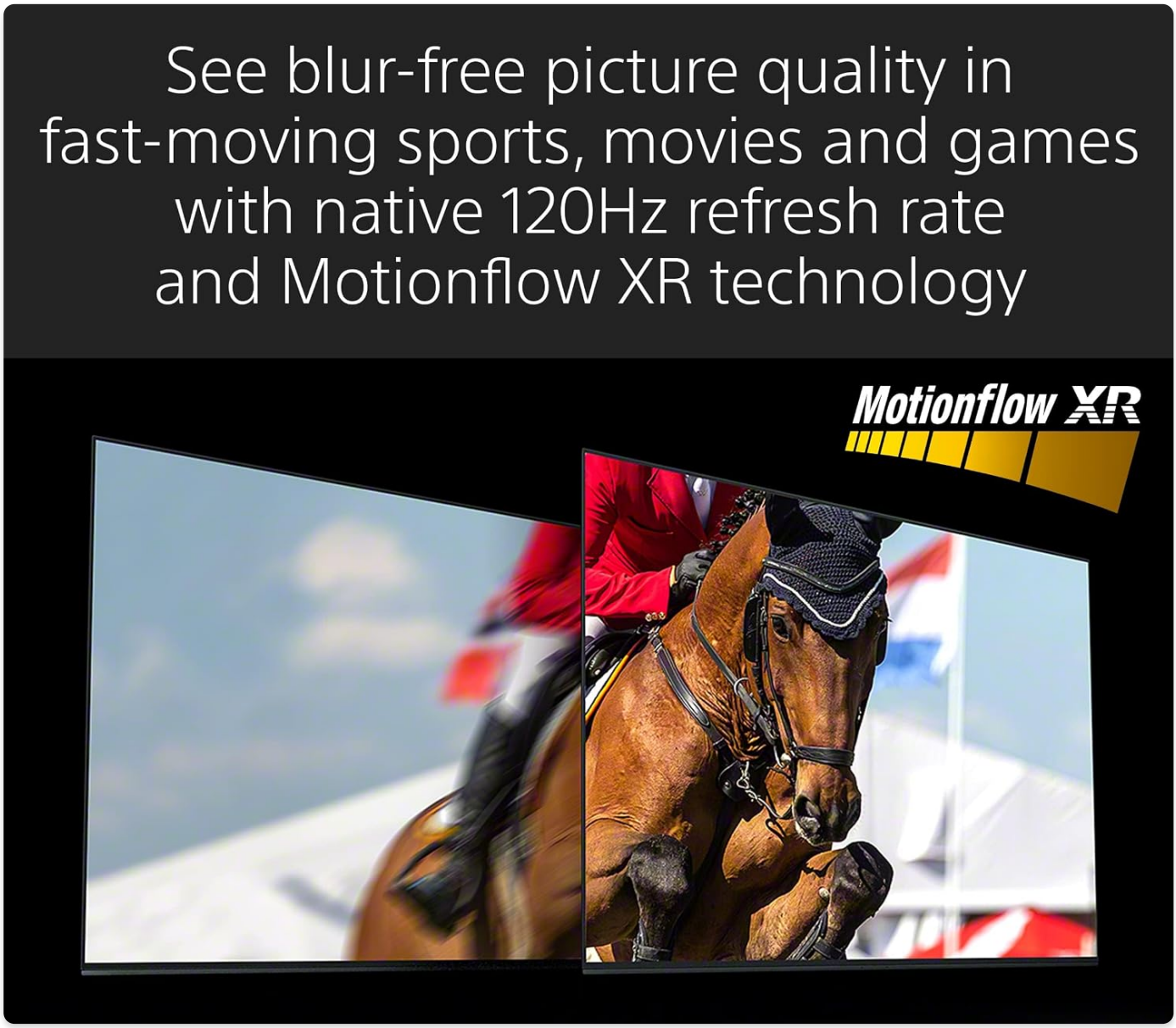


Image: The Sony KD50X85K television with its two stand legs securely attached, ready for placement on a flat surface.

Wall Mounting

For wall mounting, the television supports a VESA Mount Standard of 200 x 200 mm. A wall mount bracket is not included and must be purchased separately. Follow the instructions provided with your wall mount bracket for safe and secure installation.



Image: Rear view of the Sony KD50X85K television, highlighting the VESA mounting points and various input/output ports.

Connecting External Devices

Connect your external devices (e.g., gaming consoles, sound systems, Blu-ray players) to the appropriate ports on the television. The KD50X85K features multiple HDMI and USB ports, along with Ethernet and Wi-Fi connectivity.

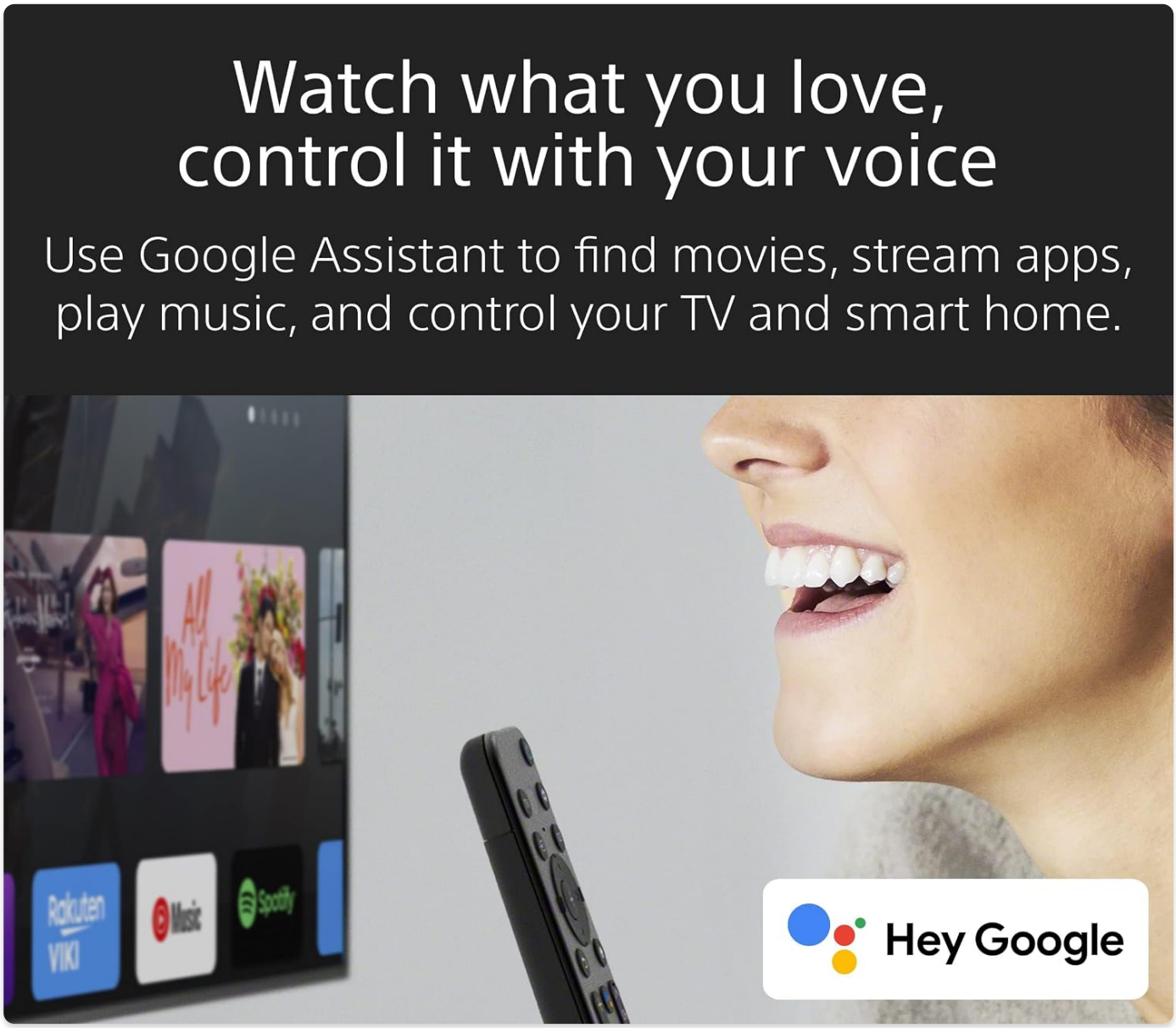


Image: A detailed view of the side and rear input/output ports on the Sony KD50X85K television, including HDMI, USB, and optical audio out.

Initial Power On and Google TV Setup

After connecting the power cable, press the power button on the remote control. Follow the on-screen instructions to complete the initial setup, including connecting to your Wi-Fi network and logging into your Google account to activate Google TV features.

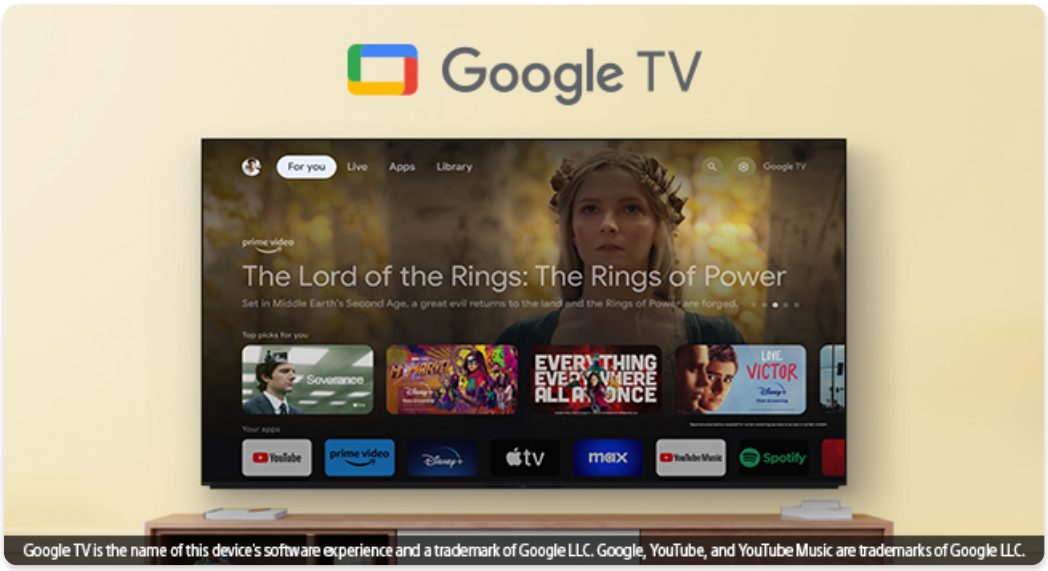


Image: The Google TV interface displayed on the Sony KD50X85K television, showing various streaming app icons and content recommendations.

5. Operating the Television

Remote Control Functions

The included remote control provides easy access to all television functions. It features dedicated buttons for popular streaming services like Netflix and Google Play, as well as standard navigation, volume, and channel controls.



Image: The black remote control for the Sony KD50X85K television, featuring numerical buttons, navigation pad, and dedicated buttons for streaming services.

Google TV Interface and Apps

Google TV organizes your favorite content from various streaming services in one place. Navigate through personalized recommendations, access installed apps like Prime Video, Netflix, Disney+, Apple TV, HBO Max, and Peacock, or download new apps from the Google Play Store.

Picture Quality Enhancements

- **4K HDR Processor X1:** Delivers smooth, clear pictures with rich colors and detailed contrast.
- **TRILUMINOS Pro:** Reproduces over a billion accurate colors for natural and precise picture quality.
- **Motionflow XR:** Ensures blur-free picture quality in fast-moving scenes with a native 120Hz refresh rate.
- **4K X-Reality PRO:** Upscales all content to near-4K resolution, restoring lost texture and detail.
- **Dolby Vision & HDR10:** Supports enhanced dynamic range for dazzling detail, color, and brightness.



Image: A visual representation of TRILUMINOS Pro technology, showcasing a wide spectrum of colors for enhanced picture quality on the Sony KD50X85K TV.



Image: A demonstration of 4K X-Reality PRO, illustrating how it enhances detail and texture in content on the Sony KD50X85K TV.

Sound Quality

Experience high-quality audio with X-Balanced Speakers and support for Dolby Atmos. The television also features Acoustic Auto Calibration to tailor sound to your environment.

Voice Control with Google Assistant

Use the built-in Google Assistant to find movies, stream apps, play music, and control your TV and smart home devices using voice commands.

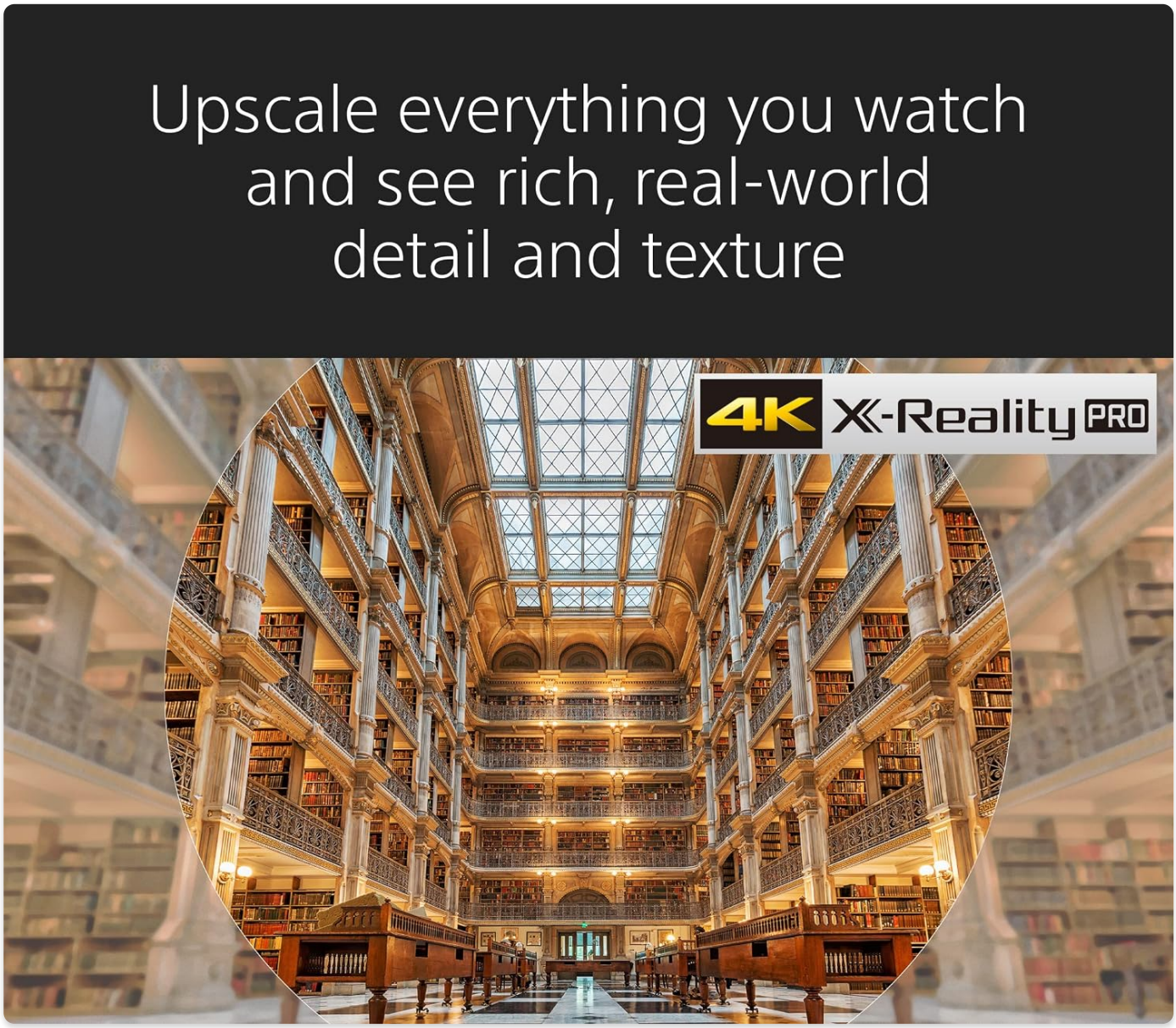


Image: A person speaking into the remote control to use Google Assistant for voice control on the Sony KD50X85K television.

Enhanced Gaming Experience

The KD50X85K offers exclusive features for PlayStation 5, including Auto HDR Tone Mapping and Auto Genre Picture Mode. The Game Menu provides a single interface for all your gaming picture settings and assist features. HDMI 2.1 features such as 4K/120, VRR (Variable Refresh Rate), and ALLM (Auto Low Latency Mode) ensure high-performance gaming.



Image: A visual showcasing the Sony KD50X85K television with a PlayStation 5 console, highlighting exclusive gaming features.

BRAVIA CAM Compatibility

With the optional BRAVIA CAM, you can enjoy video chats on the big screen and automatically adjust picture and sound settings to your room's environment.



Image: A family video chatting on the Sony KD50X85K television, demonstrating the capabilities of the optional BRAVIA CAM.

Parental Control

Utilize the built-in parental control features of Google TV to manage content access and viewing times for children.

6. Maintenance

Cleaning the Television

- Always unplug the TV before cleaning.
- Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water (do not spray directly on the screen).
- Wipe the TV frame and stand with a soft, dry cloth.
- Avoid using harsh chemicals, abrasive cleaners, or solvents as they can damage the TV's finish.

Software Updates

Ensure your television's software is up to date for optimal performance and access to the latest features. The TV will typically prompt you for available updates when connected to the internet. You can also manually check for updates in the settings menu.

7. Troubleshooting

If you encounter any issues with your television, refer to the following common troubleshooting steps:

- **No Power:** Check if the power cable is securely connected to both the TV and the wall outlet. Try plugging another device into the same outlet to confirm it's working.
- **No Picture/Sound:** Ensure all external devices are properly connected and powered on. Verify that the correct input source is selected on the TV.
- **Remote Control Not Responding:** Check the batteries in the remote control and replace them if necessary. Ensure there are no obstructions between the remote and the TV's IR sensor.
- **App Issues:** If an app is not working correctly, try restarting the app or clearing its cache in the TV's settings. If the problem persists, try uninstalling and reinstalling the app.
- **Network Connectivity Problems:** Check your Wi-Fi router and ensure it's working. Restart the TV and your router. You may need to re-enter your Wi-Fi password in the TV's network settings.
- **Factory Reset:** As a last resort, performing a factory reset can resolve many software-related issues. Be aware that this will erase all personalized settings and downloaded apps.

8. Specifications

Feature	Specification

Feature	Specification
Screen Size	50 Inches
Brand	Sony
Model Name	KD50X85K
Display Technology	LCD
Resolution	4K
Refresh Rate	120 Hz
Operating System	Android, Google TV
Connectivity Technology	Bluetooth, Ethernet, HDMI, USB, Wi-Fi
Total Number of HDMI Ports	4
Total USB Ports	2 (1x USB 2.0, 1x USB 3.0)
HDR Format Supported	Dolby Vision, HDR10
Audio Output Mode	Stereo, Surround Sound
Integrated Surround Sound Format	Dolby Atmos
Speaker Description	X-Balanced Speakers
Product Dimensions (D x W x H)	11.26"D x 44.06"W x 28.15"H
Item Weight	29.3 Pounds
VESA Mount Standard	200 x 200 mm

9. Warranty and Support

Warranty Information

The Sony KD50X85K television comes with a **1-year manufacturer's warranty**. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the warranty card included in your product packaging or visit the official Sony support website.

Customer Support

For technical assistance, troubleshooting, or service inquiries, please contact Sony Customer Support. You can find contact information on the official Sony website or in the documentation provided with your television.

10. Product Overview Video

Your browser does not support the video tag.

Video: An official overview of the Sony X85K 4K HDR LED TV with smart Google TV, showcasing its key features and design.

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