

Sony KD50X85J



Sony BRAVIA X85J 50 Inch 4K HDR LED Smart Google TV Instruction Manual

Model: KD50X85J

1. PRODUCT OVERVIEW

The Sony BRAVIA X85J is a 50-inch 4K Ultra HD LED Smart Google TV designed to deliver a clear and vibrant viewing experience. It features the X1 4K HDR Processor for enhanced picture quality, a native 120Hz refresh rate for smooth motion, and TRILUMINOS PRO technology for a wide color spectrum. Integrated with Google TV, it offers seamless access to a vast library of streaming content and smart home functionalities.

Key Features:

- **4K HDR Processor X1:** Powerful processing for smooth, clear pictures with rich colors and detailed contrast.
- **Motionflow XR with Native 120Hz Refresh Rate:** Ensures smooth and clear on-screen motion, ideal for sports, action movies, and gaming.
- **TRILUMINOS PRO:** Reproduces a wider range of colors for natural and precise picture quality.
- **Google TV:** Provides access to over 700,000 movies and TV episodes from various streaming services in one centralized interface.
- **4K X-Reality PRO:** Upscales HD content to near-4K resolution, enhancing detail and texture.
- **Works with Alexa:** Compatible with Alexa-enabled devices for voice control of TV functions.
- **High Dynamic Range (HDR) & Dolby Vision:** Delivers immersive cinematic content as intended by creators.
- **Google Assistant:** Voice control for finding content, getting answers, and managing smart home devices.
- **Apple AirPlay 2:** Allows easy streaming of content from Apple devices.



Front view of the Sony BRAVIA X85J 50 Inch 4K HDR LED Smart Google TV.



The Sony BRAVIA X85J TV integrated into a modern living room environment.

2. SETUP GUIDE

2.1 What's in the Box

Upon unboxing your Sony BRAVIA X85J TV, ensure all components are present:

- Television Unit
- Table-top stand
- AC power cord
- Voice remote control with batteries
- Quick setup guide
- Operating instructions



This diagram illustrates the dimensions of the Sony X85J TV and lists the items included in the box, such as the TV, stand, power cord, remote, and manuals.

2.2 Physical Setup

You can either install the included table-top stand or mount the TV on a wall using a compatible VESA mount (sold separately). Follow the instructions provided in the quick setup guide for safe and secure installation.

2.3 Connecting Devices

The Sony X85J TV offers various ports for connecting external devices:

- **HDMI Inputs:** Multiple HDMI ports are available for connecting devices like gaming consoles (e.g., PlayStation 5, Xbox), Blu-ray players, and cable/satellite boxes. Some HDMI ports support 4K 120Hz and eARC/ARC for enhanced audio.
- **USB Ports:** Two USB ports (5V 500mA MAX and 5V 900mA MAX) are provided for connecting external storage devices or other USB accessories.
- **Digital Audio Out (Optical):** For connecting to a soundbar or audio receiver via an optical cable.
- **Video In (Composite):** For connecting older devices using composite video and analog audio L/R.

- **LAN (Ethernet):** For a wired network connection.
- **Cable/Antenna Input:** For connecting an antenna or cable TV.



This image displays the rear panel of the Sony X85J TV, highlighting the various input and output ports available for connecting external devices.

2.4 Initial Power On & Configuration

After connecting your devices and power cable, press the power button on the remote or TV. Follow the on-screen instructions to complete the initial setup, including network connection, Google account login, and channel scanning.

3. OPERATING INSTRUCTIONS

3.1 Remote Control Functions

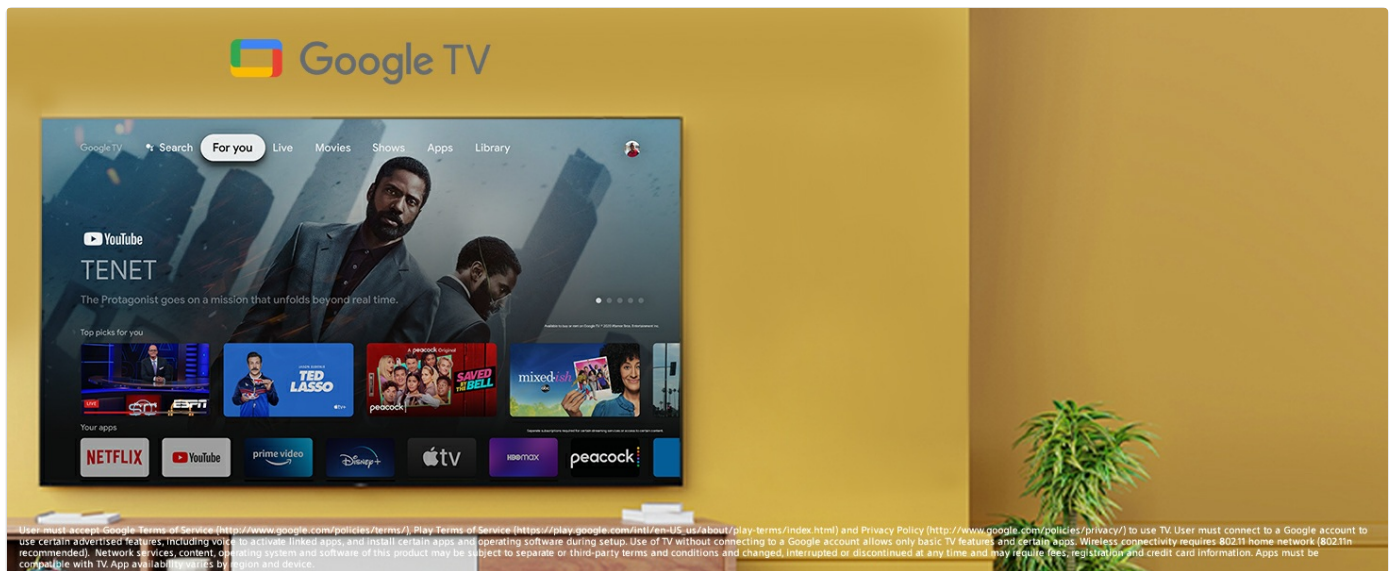
The included voice remote control provides intuitive navigation and quick access to your favorite content and TV features. Key buttons include power, input selection, volume, channel, navigation pad, and dedicated buttons for popular streaming services like YouTube and Netflix. The integrated Google Assistant button allows for voice commands.



The remote control for the Sony X85J TV, featuring a full numeric keypad, dedicated streaming service buttons, and a Google Assistant voice control button.

3.2 Smart TV Features (Google TV)

Your Sony X85J TV runs on Google TV, offering a personalized content experience. The 'For You' tab provides recommendations based on your viewing history and subscriptions. You can browse movies, shows, and apps, or use the search function to find specific content. The TV supports a wide array of streaming applications, including Netflix, Amazon Prime Video, Disney+, YouTube, and Apple TV.



A visual representation of the Google TV interface on the Sony X85J, displaying popular streaming applications and personalized content recommendations.

This video provides an overview of the Google TV experience on the Sony X85J, showcasing its content aggregation and user-friendly interface.

3.3 Picture and Sound Settings

The TV's 4K HDR Processor X1 and TRILUMINOS PRO technology work together to optimize picture quality, delivering stunning clarity, color, and contrast. The native 120Hz refresh rate ensures smooth motion, which is particularly beneficial for fast-paced content. For audio, the X-Balanced Speaker system provides clear, multidimensional sound. The TV also supports Dolby Vision and Dolby Atmos for an enhanced cinematic experience.

This video highlights the 4K HDR LED capabilities of the Sony X85J TV, demonstrating its picture quality and processing power.

An overview video detailing the 4K Ultra HD LED features of the Sony X85J, emphasizing its visual performance.

3.4 Connectivity

The TV supports Wi-Fi for wireless internet access and features Apple AirPlay 2 for seamless content streaming from your Apple devices. Chromecast built-in allows you to cast content from your smartphone or tablet directly to the TV.

4. MAINTENANCE

4.1 Cleaning the TV

To clean the screen, gently wipe it with a soft, dry microfiber cloth. For stubborn smudges, slightly dampen the cloth with water or a screen-specific cleaning solution (avoid harsh chemicals). For the TV's frame and stand, use a soft, dry cloth. Ensure the TV is unplugged before cleaning.

4.2 General Care

Avoid placing the TV in direct sunlight or near heat sources. Ensure adequate ventilation around the TV to prevent overheating. Do not block the ventilation openings on the back of the TV. Protect the remote control from spills and extreme temperatures.

5. TROUBLESHOOTING

If you encounter issues with your Sony X85J TV, consider the following common solutions:

- **No Power:** Ensure the power cord is securely plugged into both the TV and a working electrical outlet. Try a different outlet.
- **No Picture/Sound:** Verify that the correct input source is selected. Check all cable connections (HDMI, audio, etc.) for looseness or damage.
- **Poor Picture Quality:** Adjust picture settings (brightness, contrast, sharpness, color). Ensure the content source is high-quality. For upscaling issues, ensure 4K X-Reality PRO is enabled.
- **No Internet Connection:** Check your Wi-Fi router and internet service. Reconnect the TV to your Wi-Fi network or try a wired Ethernet connection.
- **Apps Glitching/Freezing:** Restart the TV by unplugging it from the power outlet for a few minutes, then plugging it back in. Ensure all apps and the TV's operating system are updated to the latest version. Clear app cache if the issue persists.
- **Remote Control Not Working:** Replace the batteries. Ensure there are no obstructions between the remote and the TV's IR sensor.

For more complex issues, refer to the full operating instructions or contact Sony customer support.

6. SPECIFICATIONS

Feature	Specification
Brand Name	Sony
Item Weight	27.9 pounds (12.7 Kilograms)
Product Dimensions	44.25 x 11.38 x 25.63 inches (2.87"D x 44.12"W x 25.62"H)
Item Model Number	KD50X85J
Color Name	Black
Special Features	Miracast
Speaker Type	Built-In
Standing Screen Display Size	50 Inches
Aspect Ratio	16:9
Voltage	120 Volts (AC)
Display Technology	LED
Resolution	4K
Refresh Rate	120 Hz
Connectivity Technology	Wi-Fi
Included Components	Television



The Energy Guide label for the Sony KD50X85J TV, indicating an estimated yearly energy cost of \$19. For more information, visit [ftc.gov/energy](https://www.ftc.gov/energy).

7. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Sony support website. For technical assistance, troubleshooting, or service inquiries, please contact Sony customer support through their official channels.