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Sony KD55X80K

Sony 55 Inch 4K Ultra HD TV X80K Series User Manual

Model: KD55X80K

1. OVERVIEW

The Sony 55 Inch 4K Ultra HD TV X80K Series offers a smart Google TV experience with advanced picture processing. Featuring the 4K HDR Processor X1 and TRILUMINOS PRO, this television delivers vibrant colors and detailed contrast for an immersive viewing experience. Its flush surface narrow bezel design ensures focus remains on the screen.



Figure 1.1: Front view of the Sony 55 Inch 4K Ultra HD TV X80K Series, showcasing its sleek design and Google TV interface.

2. PACKAGE CONTENTS

Before beginning setup, please verify that all items listed below are included in your package:

- Sony 55 Inch 4K Ultra HD TV (KD55X80K)
- Power Cable
- Remote Control
- TV Stand (2 pieces)
- Screws for TV Stand
- Quick Setup Guide
- Safety and Regulatory Information

3. SETUP

3.1 Attaching the TV Stand

1. Carefully place the TV screen-down on a soft, clean surface to prevent scratches.
2. Align each stand piece with the corresponding slots on the bottom of the TV.
3. Secure the stands using the provided screws. Ensure they are tightened firmly.

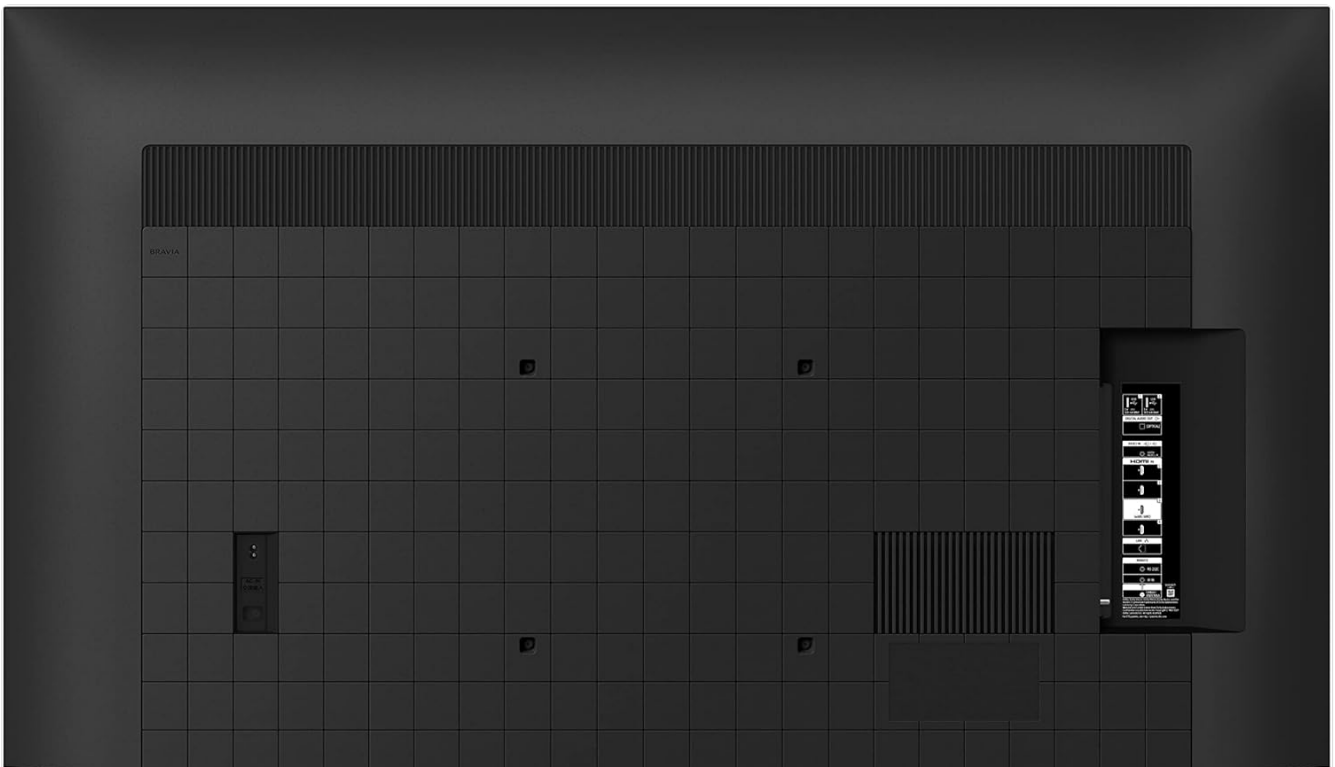


Figure 3.1: Proper attachment of the TV stand for stability.

3.2 Connecting Peripherals

Connect your external devices such as cable boxes, gaming consoles, or Blu-ray players to the appropriate ports on the TV's rear panel.



Figure 3.2: Rear panel connections including HDMI, USB, and optical audio out.

- **HDMI:** For high-definition video and audio. Use HDMI ports labeled 'ARC' or 'eARC' for audio return channel functionality with soundbars or AV receivers.
- **USB:** For connecting USB storage devices to view media or for software updates.
- **LAN:** For a wired internet connection.
- **Optical Digital Audio Out:** For connecting to an external audio system.

3.3 Power Connection

Once all peripherals are connected, plug the power cable into the TV and then into a wall outlet. The TV will automatically power on or enter standby mode.

4. OPERATING THE TV

4.1 Initial Setup and Google TV

Upon first power-on, follow the on-screen instructions to complete the initial setup, including network connection (Wi-Fi or wired), Google account sign-in, and channel scanning. Google TV organizes your favorite content from various streaming services in one place.



Entertainment you love. With a little help from Google.

Get 700,000+ movies and TV episodes, live TV,
and more, available across 10,000+ apps

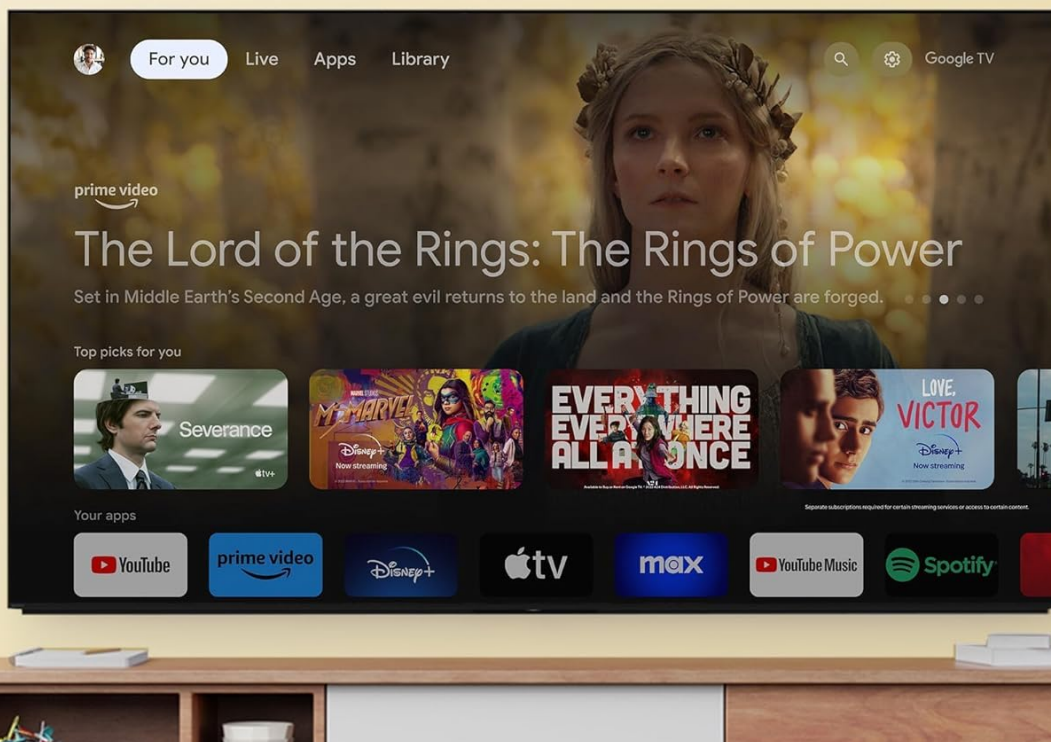


Figure 4.1: The Google TV home screen, providing access to apps and content.

4.2 Using the Remote Control

The included remote control provides intuitive navigation and quick access to key features. Familiarize yourself with the buttons for power, input selection, volume, channel, and dedicated app buttons (e.g., Netflix, Prime Video).

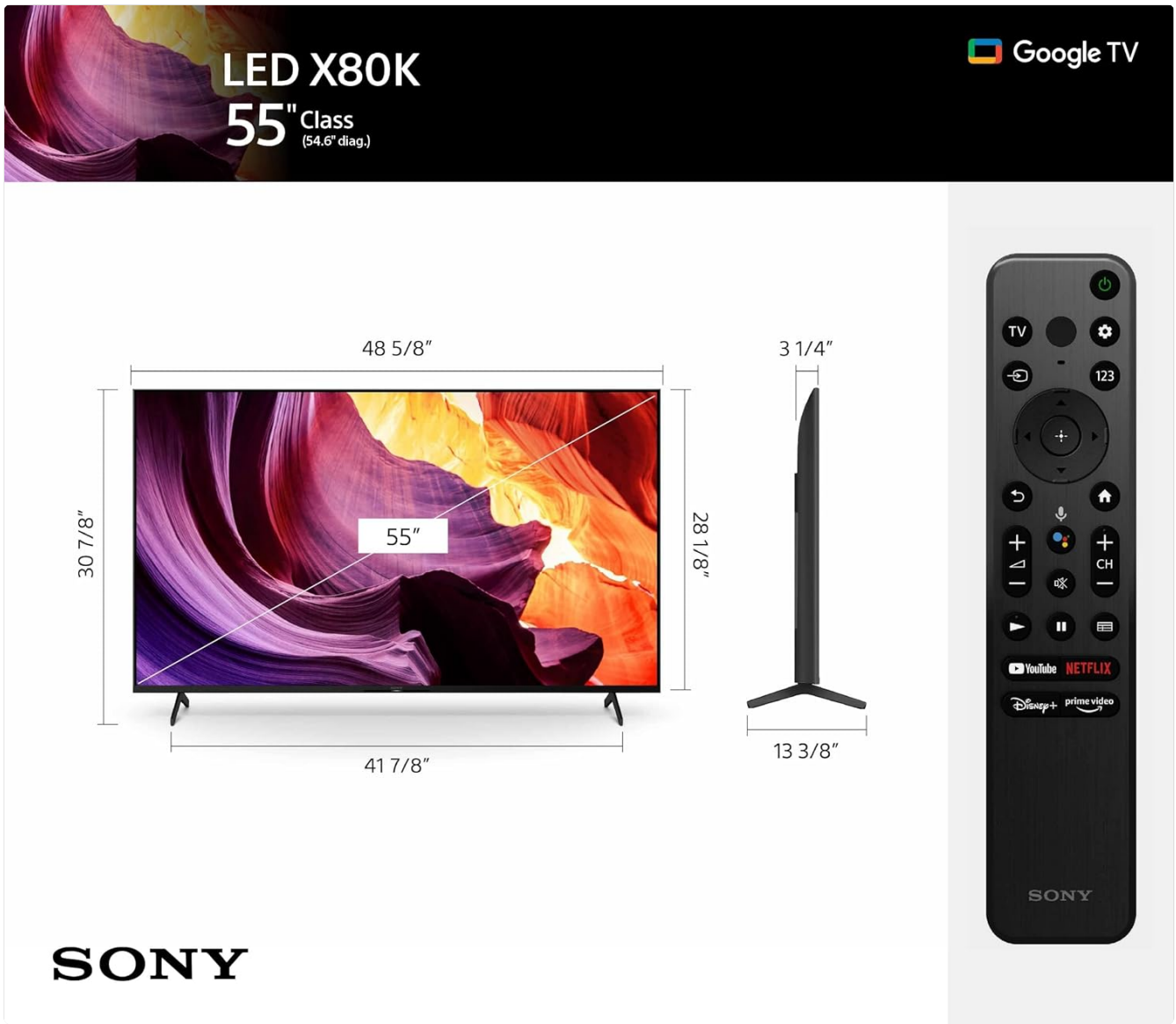


Figure 4.2: The remote control for the Sony X80K Series TV.

4.3 Voice Control with Google Assistant

Press the Google Assistant button on your remote and speak into the microphone to search for content, control smart home devices, or get information.

Discover new ways to enjoy your TV

With the optional BRAVIA CAM, video chat on the big screen, automatically adjust picture and sound to your room, and more

BRAVIA CAM



Figure 4.3: Activating Google Assistant for voice commands.

5. KEY FEATURES

5.1 4K HDR Processor X1

The 4K HDR Processor X1 enhances picture quality by delivering smooth, clear images with rich colors and detailed contrast, making every scene feel real.

Intelligent TV processing technology
delivers picture quality full of
rich colors and detailed contrast

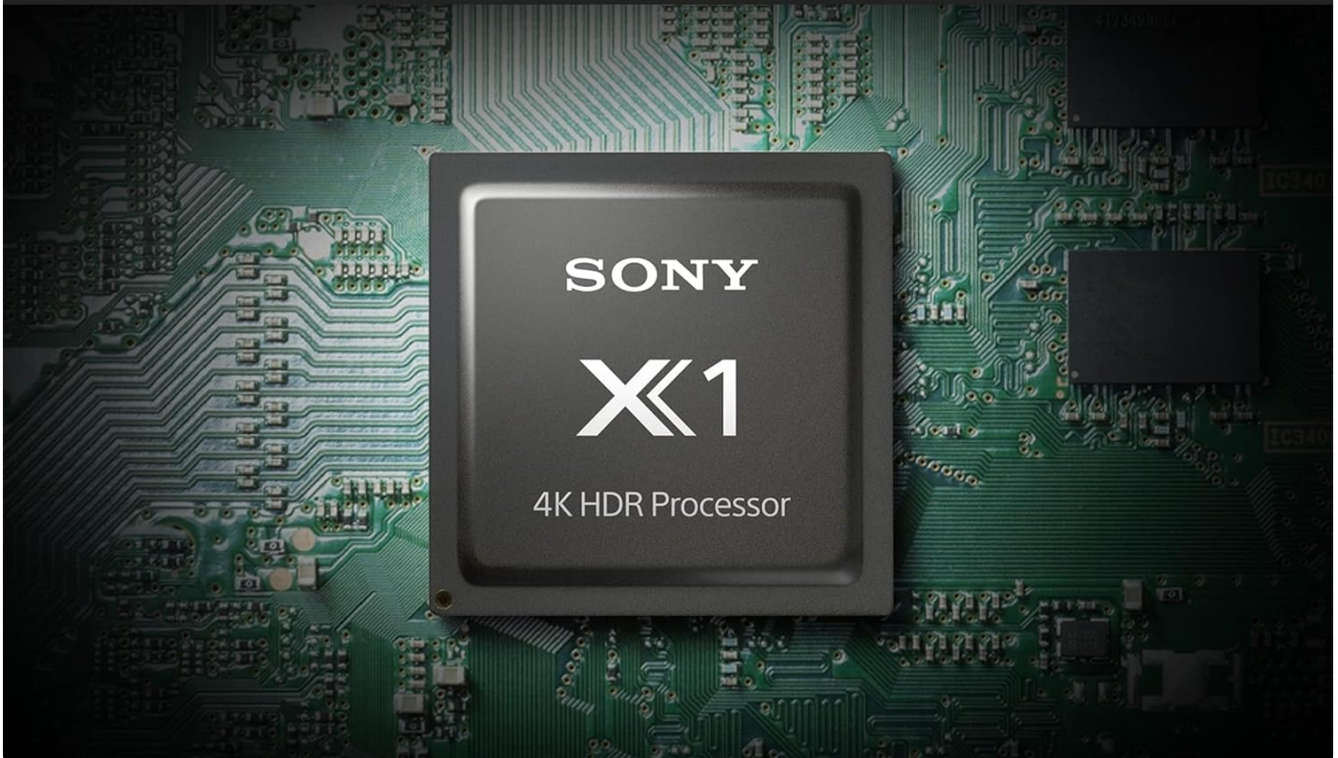


Figure 5.1: The powerful 4K HDR Processor X1 for superior image processing.

5.2 TRILUMINOS PRO

Experience a wider spectrum of colors. TRILUMINOS PRO reproduces over a billion accurate colors, resulting in natural and precise picture quality that is closer to real life.

Over a billion accurate colors
creates picture quality that is
natural and precise



Figure 5.2: TRILUMINOS PRO technology delivering a rich and accurate color palette.

5.3 Motionflow XR

Enjoy smooth and clear motion, even in fast-paced scenes. Motionflow XR technology ensures sports and action movies are seen with lifelike clarity, reducing motion blur.

Smooth and clear motion,
allowing sports and movies
to be seen with lifelike clarity

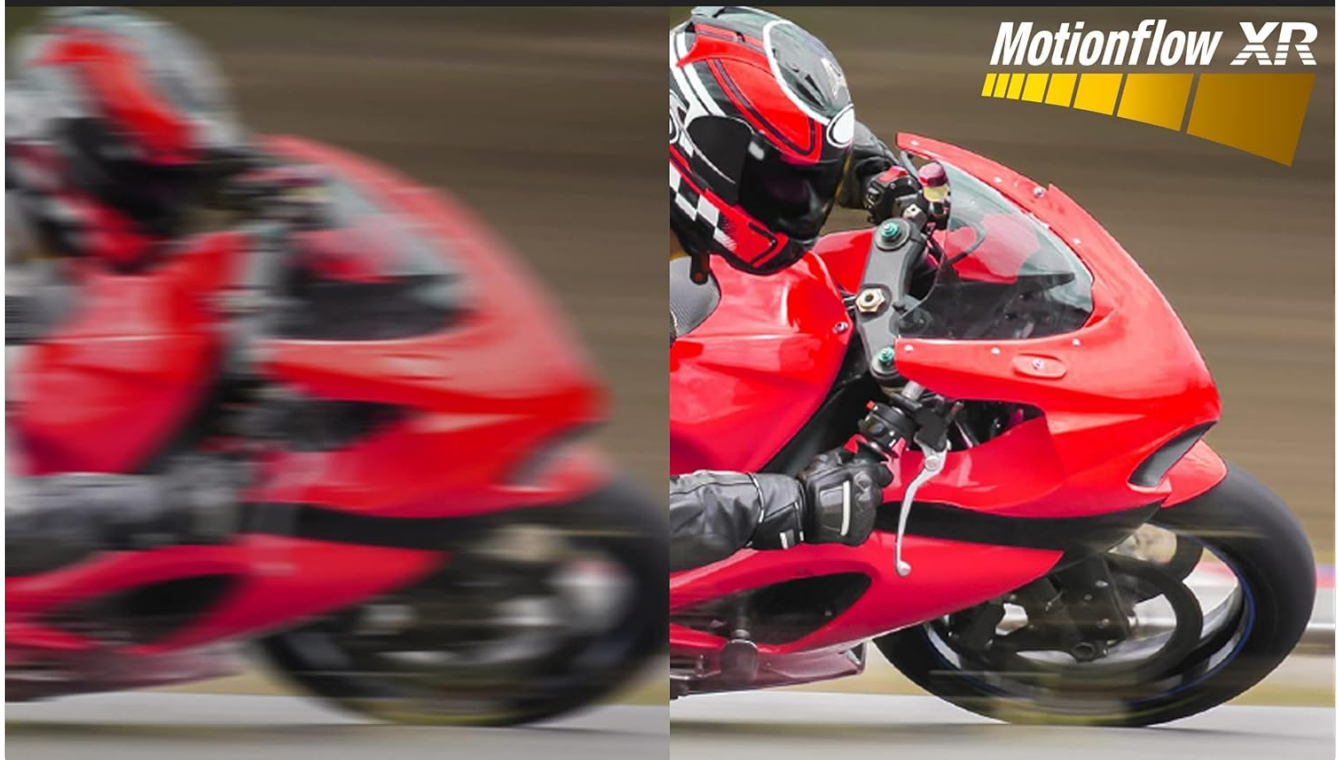


Figure 5.3: Motionflow XR for smooth, blur-free action.

5.4 4K X-Reality PRO

This technology upscales all your content to near-4K resolution, bringing back lost texture and detail for a rich, real-world viewing experience.

Ultra-high resolution and HDR video content combine to bring dazzling detail, color, and brightness to everything you watch



Figure 5.4: 4K X-Reality PRO enhancing detail in non-4K content.

5.5 Dolby Vision & Atmos Support

Experience immersive and engaging cinematic content as the creator intended with support for Dolby Vision HDR for stunning visuals and Dolby Atmos for rich, moving audio.

Watch what you love, control it with your voice

Use Google Assistant to find movies, stream apps, play music, and control your TV and smart home.

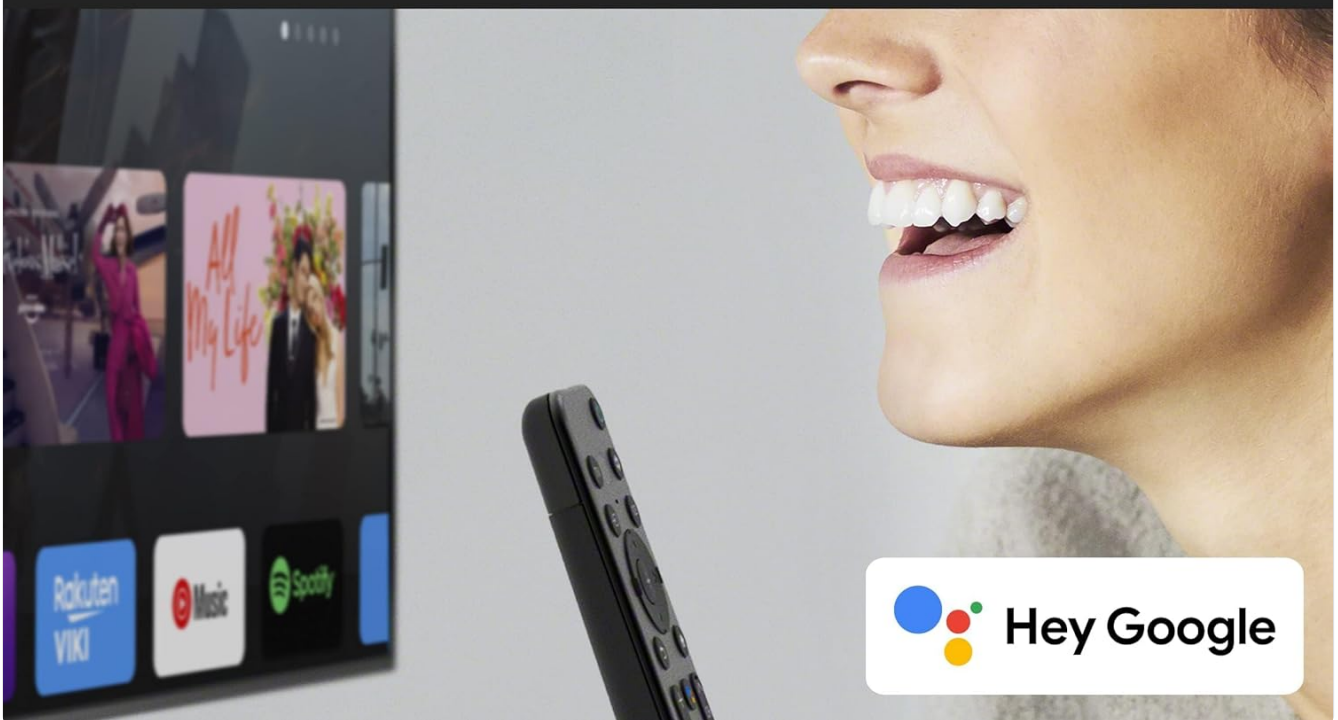


Figure 5.5: Enhanced visual and audio experience with Dolby Vision and Atmos.

5.6 PlayStation 5 Exclusive Features

Enhance your gaming experience with features optimized for PlayStation 5, including Auto HDR Tone Mapping and Auto Genre Picture Mode, accessible through the Game Menu.

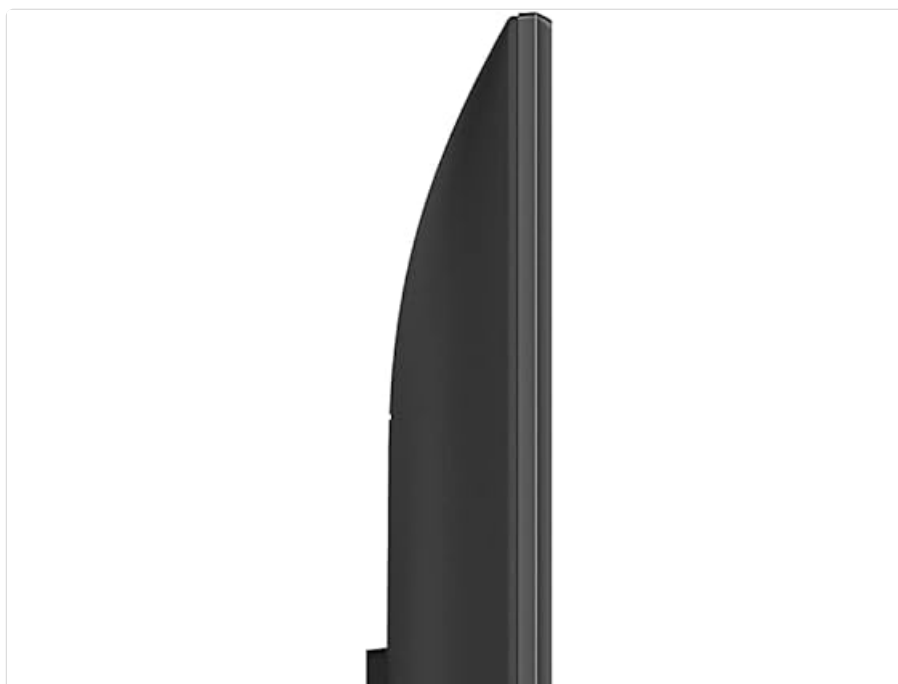
Upscale everything you watch
and see rich, real-world
detail and texture



Figure 5.6: Game Menu for optimizing PlayStation 5 gaming.

5.7 BRAVIA CAM (Optional)

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



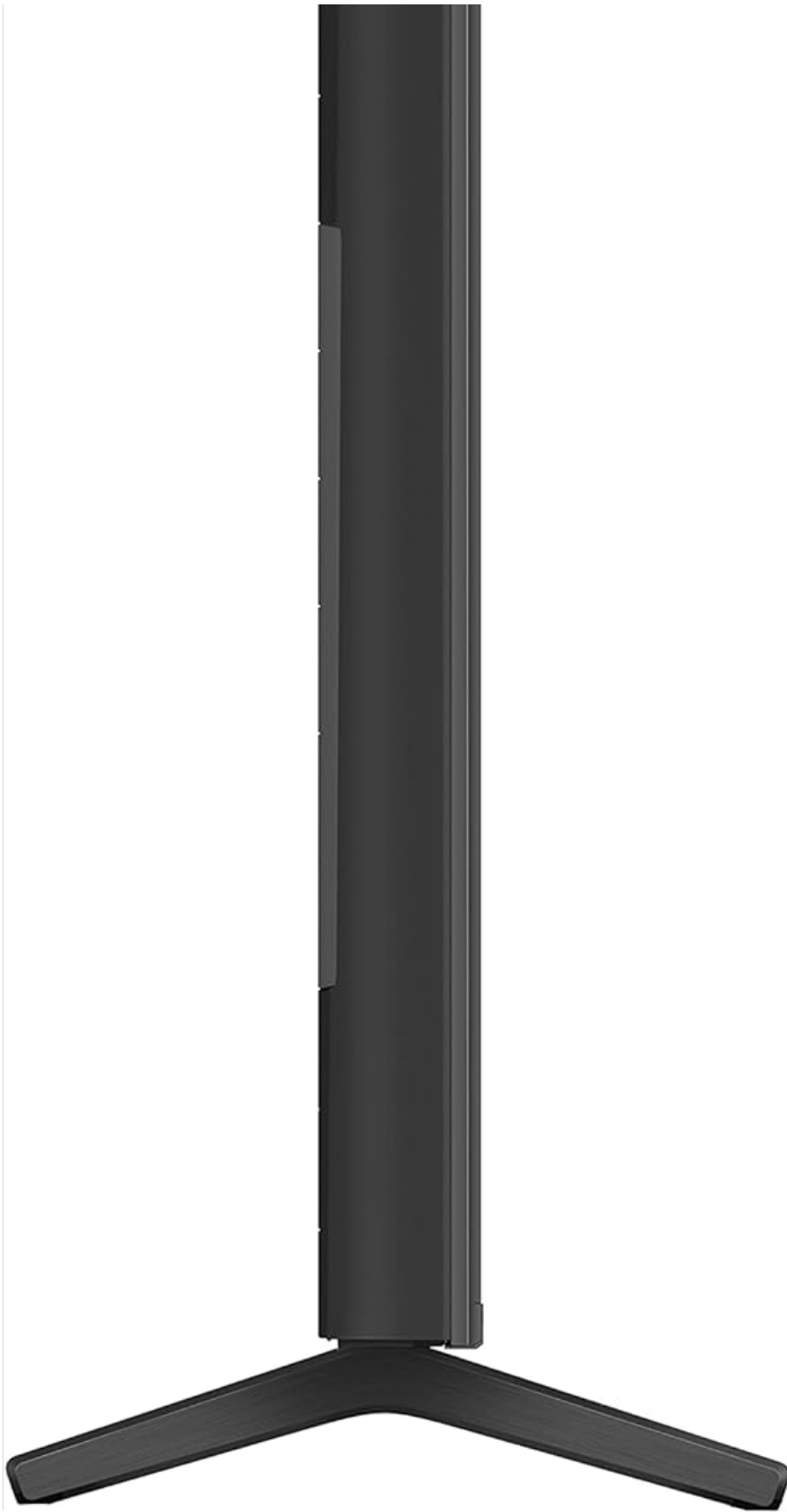


Figure 5.7: BRAVIA CAM for enhanced TV interaction.

6. MAINTENANCE

6.1 Cleaning the Screen

To clean the screen, gently wipe it with a soft, dry microfiber cloth. For stubborn smudges, lightly dampen the cloth

with water or a screen-cleaning solution specifically designed for electronics. Avoid using harsh chemicals or abrasive materials.

6.2 Cleaning the TV Body

Wipe the TV body and stand with a soft, dry cloth. Do not use liquid cleaners directly on the TV to prevent damage to internal components.

6.3 Ventilation

Ensure adequate ventilation around the TV to prevent overheating. Do not block the ventilation openings on the rear panel. Maintain a minimum distance from walls or other objects as specified in the installation guide.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power	Power cable disconnected; Power outlet issue	Check power cable connection; Try a different outlet; Press the power button on the TV itself.
No Picture/Sound	Incorrect input selected; Loose HDMI/AV cable	Press the 'Input' button on the remote to select the correct source; Reconnect cables firmly.
Remote Control Not Working	Dead batteries; Obstruction between remote and TV	Replace batteries; Remove any obstructions; Ensure remote is pointed at the TV's IR sensor.
Poor Wi-Fi Connection	Router too far; Interference	Move router closer; Reduce interference from other devices; Consider a wired LAN connection.

8. SPECIFICATIONS

Feature	Detail
Model Number	KD55X80K
Screen Size	55 Inches (54.6" diagonal)
Display Technology	LED LCD
Resolution	4K Ultra HD (3840 x 2160)
Refresh Rate	60 Hz
Processor	4K HDR Processor X1
Operating System	Google TV
HDR Support	Dolby Vision, HDR10, HLG

Feature	Detail
Audio Features	Dolby Atmos, Built-In Speakers
Connectivity	Wi-Fi, Ethernet, HDMI (multiple), USB (multiple)
Dimensions (W x H x D) with Stand	48.63 x 30.88 x 13.38 inches
Weight with Stand	37.2 pounds (16.9 kg)
Power Consumption	26 watts (typical)

9. WARRANTY AND SUPPORT

9.1 Warranty Information

For detailed warranty information, please refer to the warranty card included in your product packaging or visit the official Sony support website. Keep your proof of purchase for warranty claims.

9.2 Customer Support

If you encounter any issues not covered in this manual or require further assistance, please contact Sony Customer Support. You can find contact details on the official Sony website or in your product documentation.

Additional resources:

- **User Manual (PDF):** [Download User Manual](#)
- **Installation Manual (PDF):** [Download Installation Manual](#)
- **Sony Support Website:** [Visit Sony Support](#)