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**Sony K85XR70**

# Sony BRAVIA 7 K-85XR70 85-Inch Mini LED QLED 4K UHD Smart Google TV Instruction Manual

Model: K-85XR70 | Brand: Sony

## 1. INTRODUCTION AND OVERVIEW

The Sony BRAVIA 7 K-85XR70 is designed to deliver a superior cinema experience in your home with exceptional picture quality and immersive sound. This 85-inch Mini LED QLED 4K Ultra HD Smart Google TV features captivating brightness, accurate colors, and enhanced theater-like audio for a thrilling entertainment experience.

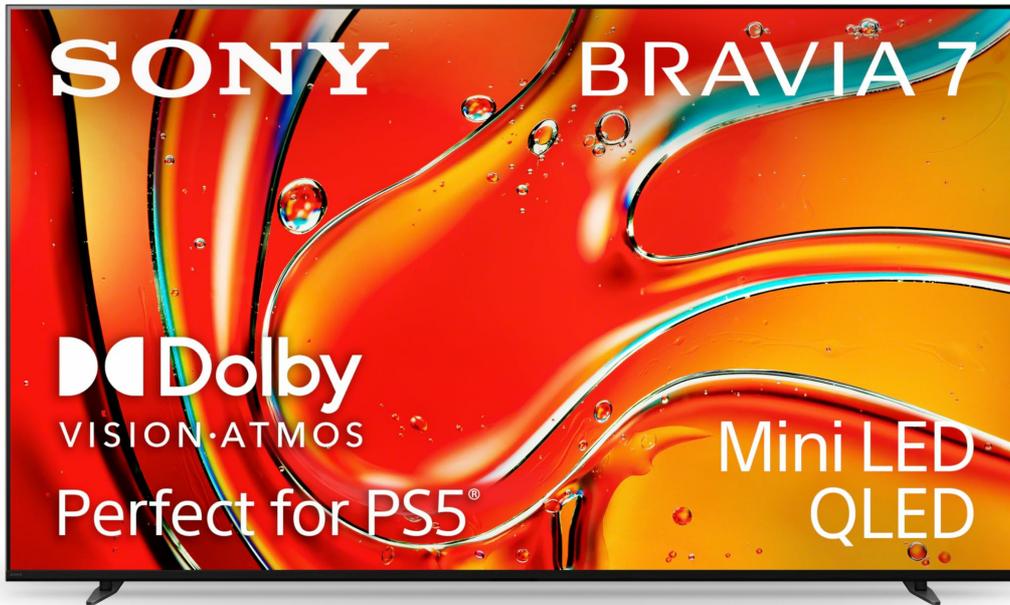


Figure 1.1: Front view of the Sony BRAVIA 7 K-85XR70 85-inch TV.

## Key Features:

- **Mini LED Brightness and Contrast:** Thousands of Mini LEDs precisely controlled by XR Backlight Master Drive deliver authentic contrast and the brightest 4K TV experience.
- **Billions of Real-World QLED Colors:** Access billions of accurate real-world colors with QLED technology and XR Triluminos Pro.
- **Powerful TV Processing:** XR Processor intelligently enhances every scene in real-time, boosting color, contrast, and clarity.
- **Your Favorite Streaming Apps in One Place:** Access Netflix, Prime Video, Disney+, YouTube, Apple TV app, Crunchyroll, and more with Google TV. Stream easily with AirPlay 2 and Chromecast built-in. Use Google Assistant for voice commands.
- **Movies Included with BRAVIA TV:** Enjoy high-bitrate, high-quality 4K UHD movies with the SONY PICTURES CORE app (formerly BRAVIA CORE). Includes 5 credits for new releases and 12 months subscription to hundreds of classics.
- **Studio Calibrated Picture:** Achieve picture quality as intended by creators with modes designed for Netflix, Prime Video, and SONY PICTURES CORE.
- **Perfect for PlayStation 5:** Enhance PS5 gaming with exclusive features like Auto HDR Tone Mapping and Auto Genre Picture Mode. The Game Menu centralizes all gaming settings and assist features.
- **More Immersive Experience:** Supports Dolby Vision and Atmos, IMAX Enhanced, and DTS:X for a cinematic viewing experience.
- **Crystal Clear Picture:** Upscale all HD and digital content, restoring lost detail with XR Clear Image.

## 2. SETUP AND INSTALLATION

### 2.1 What's in the Box

- Power Cable
- Remote Control
- TV Stand
- Manuals

## 2.2 Unboxing and Stand Installation

Carefully unbox your Sony BRAVIA 7 TV. It is recommended to have at least two people for safe handling due to the size and weight of the unit. The TV stand offers multiple configuration options to suit your setup, including positions for soundbar placement.



Figure 2.1: Various stand configurations for the BRAVIA 7 TV, allowing for different heights and widths to accommodate soundbars or smaller surfaces.

For a visual guide on unboxing and setting up your TV, please refer to the official setup video:

Video 2.1: Official guide on how to set up and unbox the Sony BRAVIA 7 Mini-LED QLED TV, demonstrating safe handling and assembly steps.

## 2.3 Initial Setup and Connectivity

After physical setup, connect your TV to power and follow the on-screen instructions for initial configuration. This includes connecting to your Wi-Fi network, signing into your Google account, and setting up basic TV functions.

# See captivating brightness from thousands of Mini LEDs

Conventional TV

 XR  
Backlight Master Drive



Figure 2.2: Rear view of the Sony BRAVIA 7 TV, showing various input and output ports for connectivity.

## 3. OPERATING YOUR BRAVIA 7 TV

### 3.1 Google TV Interface

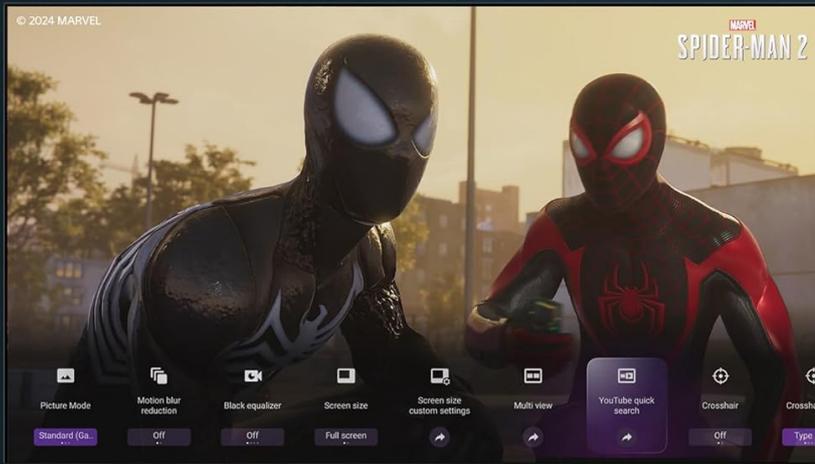
Your BRAVIA 7 TV runs on Google TV, providing a personalized and intuitive interface to access your favorite content. The home screen organizes movies, shows, live TV, and apps from across your subscriptions.

# Perfect for PlayStation® 5

## EXCLUSIVE FEATURES

Auto HDR  
Tone Mapping

Auto Genre  
Picture Mode



All your gaming settings and assist features  
in one place with **Game Menu**



PS5® console, DualSense™ controller, and vertical stand sold separately.

Visual effects and UI are simulated. Captured on PS5®. Mix of gameplay and in-game cinematics. © 2024 Sony Interactive Entertainment LLC. Developed by Insomniac Games, Inc.

Figure 3.1: The Google TV home screen, displaying various streaming apps and content recommendations.

Discover new features and optimize your Google TV experience with this video:

Video 3.1: An overview of new features available on Google TV, enhancing your smart TV experience.

### 3.2 Voice Control with Google Assistant

Use the built-in Google Assistant to control your TV with your voice. Search for content, ask questions, and manage smart home devices hands-free.

### 3.3 BRAVIA Connect App

Control your BRAVIA TV easily from your smartphone using the BRAVIA Connect app. Adjust volume, picture settings, and access advanced settings directly from your mobile device.

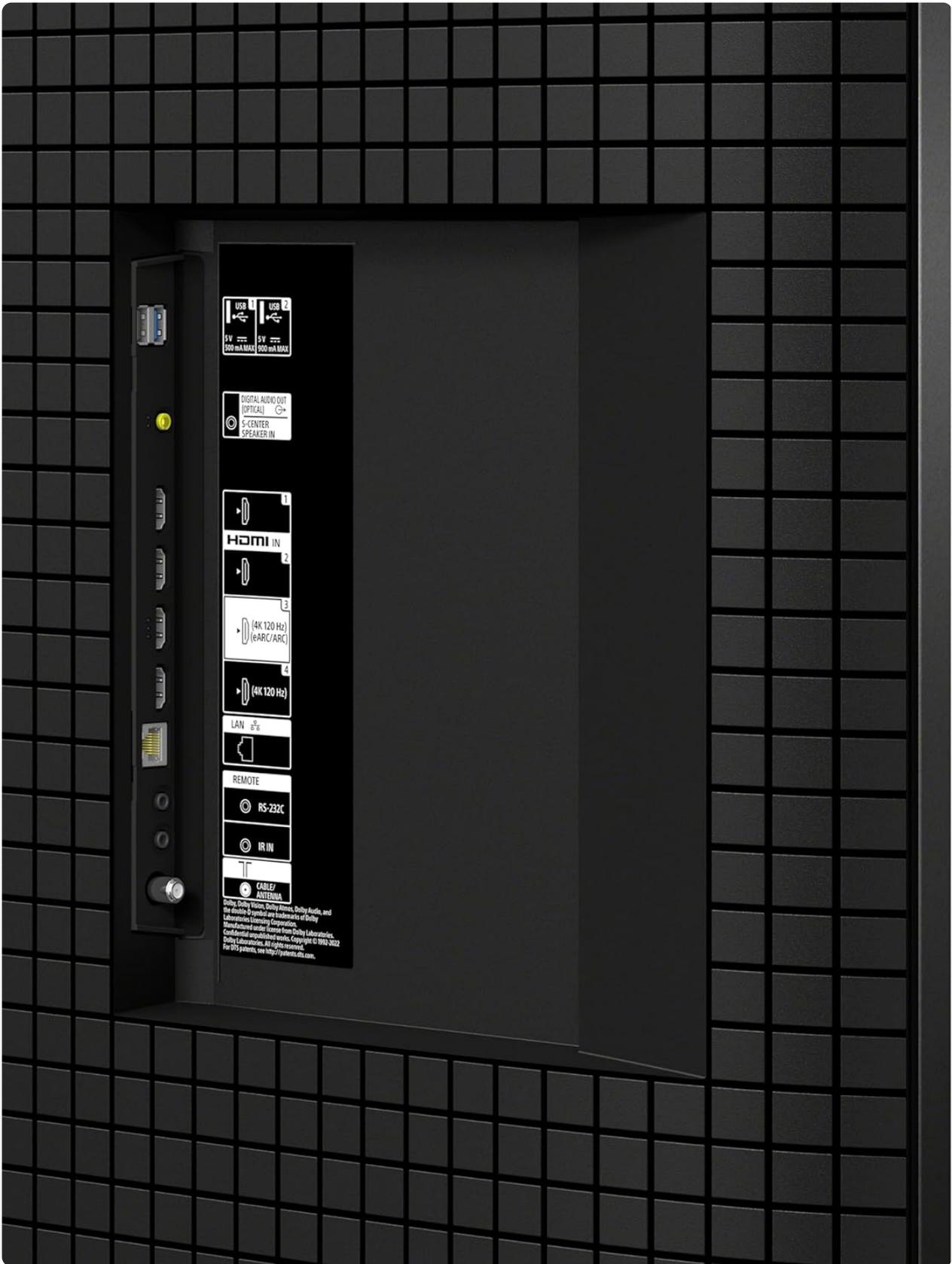


Figure 3.2: Screenshot of the BRAVIA Connect app on a smartphone, showing various control options for the TV.

## 4. PICTURE AND SOUND TECHNOLOGIES

### 4.1 Mini LED and QLED Display

The BRAVIA 7 utilizes Mini LED technology with XR Backlight Master Drive for precise control over thousands of LEDs, delivering exceptional brightness and contrast. QLED technology with XR Triluminos Pro ensures billions of accurate, real-world colors.

# Picture as the creator intended



Studio Calibrated

**NETFLIX**

Netflix Adaptive  
Calibrated Mode

**prime video**

Prime Video  
Calibrated Mode



SONY PICTURES CORE  
Calibrated Mode



Figure 4.1: Visual comparison demonstrating the captivating brightness achieved with thousands of Mini LEDs on the BRAVIA

# Perfectly pairs with Sony soundbars

Acoustic Center Sync fuses TV and soundbar speakers for elevated sound and fuller dialogue

**BRAVIA + BRAVIA Theater**

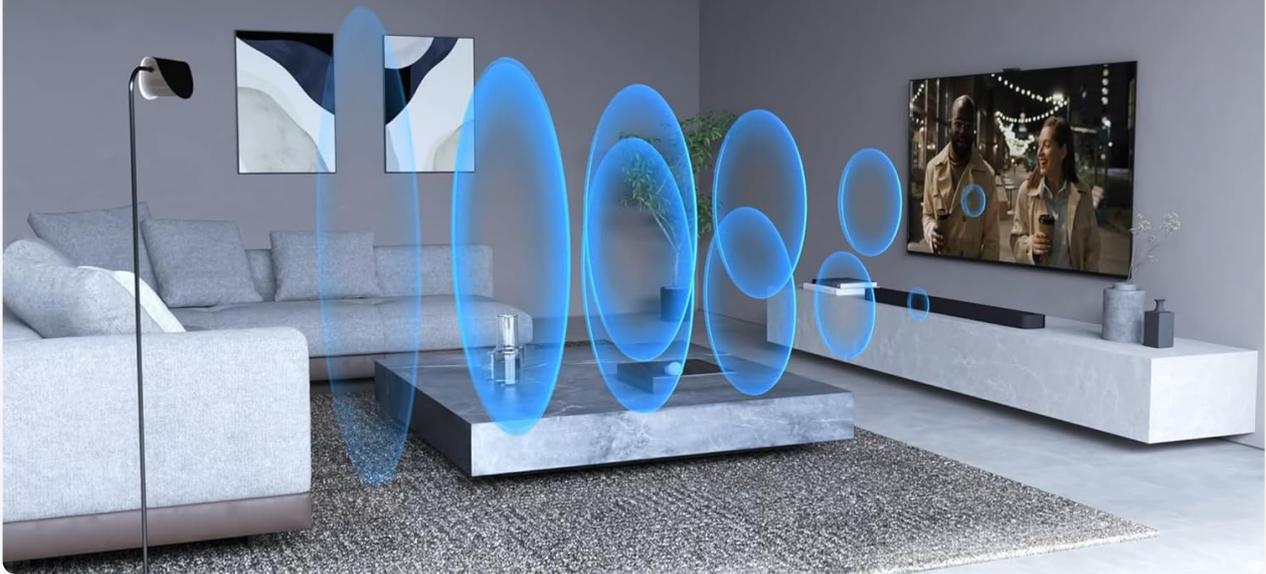


Figure 4.2: Visual comparison highlighting the billions of accurate QLED colors delivered by XR Triluminos Pro on the BRAVIA 7.

## 4.2 Cinematic Experience

Enjoy a truly cinematic viewing experience with support for Dolby Vision, Dolby Atmos, IMAX Enhanced, and DTS:X. The TV also features Studio Calibrated Picture modes for optimal viewing of content from Netflix, Prime Video, and SONY PICTURES CORE.

# Loud and clear dialogue

Always hear people's voices clearly,  
even in loud action scenes.



Figure 4.3: Icons representing Dolby Vision, IMAX Enhanced, and DTS:X, indicating support for advanced cinematic audio and video formats.

# Billions of accurate QLED colors

Conventional TV



Figure 4.4: Studio Calibrated modes for Netflix, Prime Video, and SONY PICTURES CORE, ensuring content is viewed as intended by the creator.

## 4.3 Clear Dialogue with Voice Zoom 3

Voice Zoom 3 ensures loud and clear dialogue, even during intense action scenes, allowing you to always hear people's voices clearly.

# Smart control of your TV

Use BRAVIA Connect app to easily control your BRAVIA TV from your smartphone and change volume, picture settings, and advanced settings.

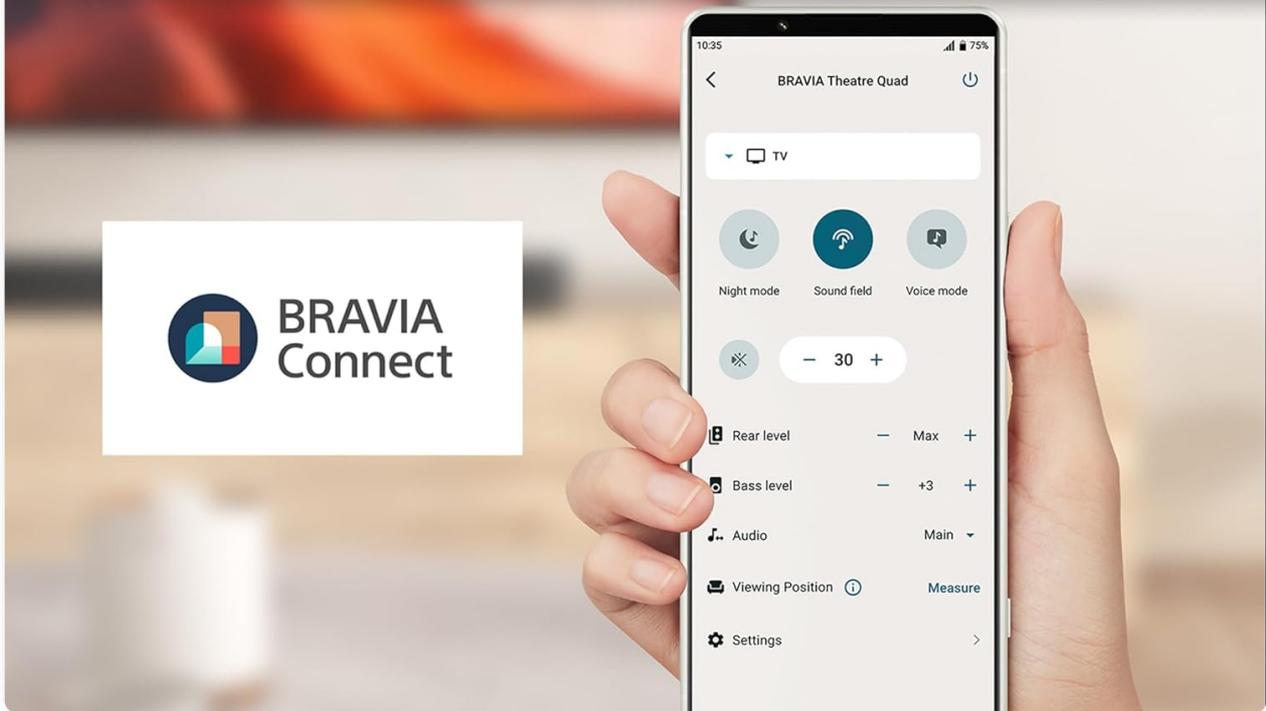


Figure 4.5: Visual representation of Voice Zoom 3, illustrating how it enhances dialogue clarity over background sounds.

## 5. GAMING FEATURES

The BRAVIA 7 is designed to enhance your PlayStation 5 gaming experience with exclusive features.

### 5.1 PlayStation 5 Exclusive Features

Benefit from Auto HDR Tone Mapping and Auto Genre Picture Mode, which optimize picture quality specifically for gaming and streaming on your PS5. The dedicated Game Menu provides quick access to all your gaming picture settings and assist features.

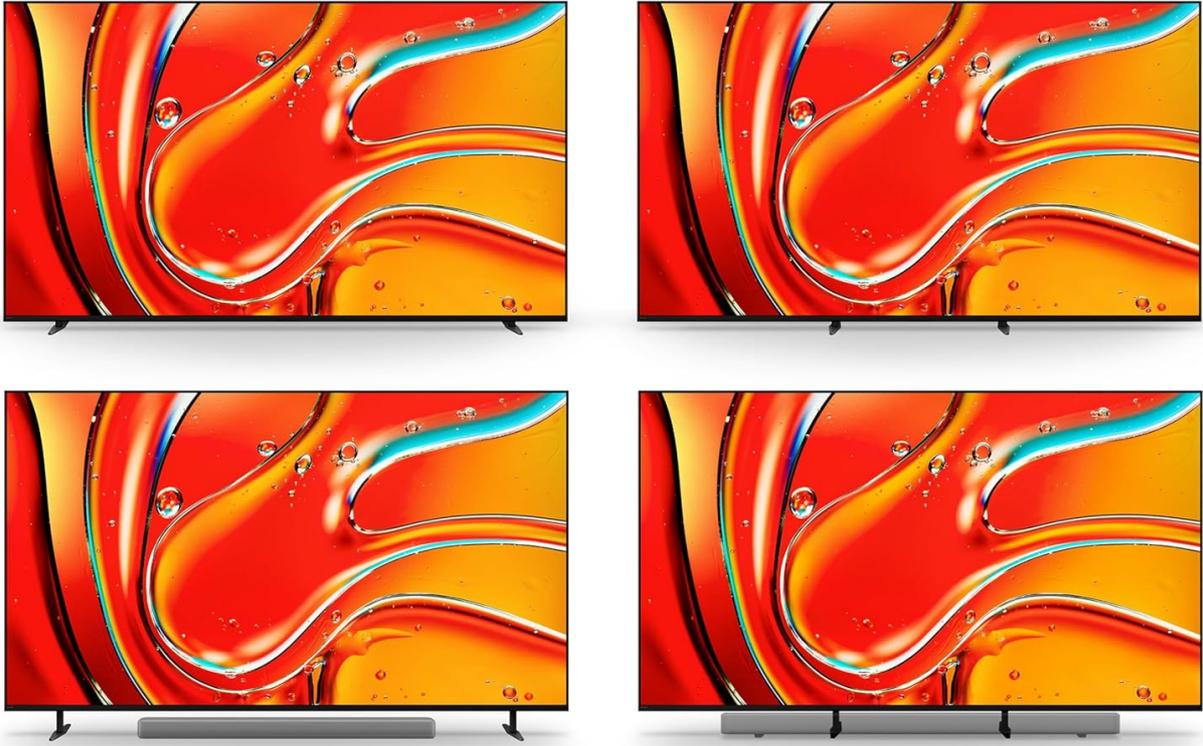


Figure 5.1: Display showing the Game Menu and exclusive features like Auto HDR Tone Mapping and Auto Genre Picture Mode, optimized for PlayStation 5.

## 6. CONNECTIVITY

The Sony BRAVIA 7 offers a wide range of connectivity options to integrate seamlessly with your home entertainment system.

### 6.1 Available Ports and Wireless Connectivity

- **HDMI:** Multiple HDMI ports, including HDMI 2.1 for high-bandwidth devices like gaming consoles.
- **USB:** USB ports for media playback and powering accessories.
- **Ethernet:** For a stable wired internet connection.
- **Wi-Fi:** Built-in Wi-Fi for wireless internet access and streaming.
- **Bluetooth:** For connecting wireless headphones, soundbars, and other compatible devices.
- **AirPlay 2 & Chromecast built-in:** Easily stream content from your mobile devices.

## 7. SPECIFICATIONS

Below are the detailed specifications for the Sony BRAVIA 7 K-85XR70 model.

Feature	Specification
Brand Name	Sony
Item Weight	111.7 pounds

Feature	Specification
Product Dimensions	18.75"D x 74.25"W x 43.75"H
Item Model Number	K85XR70
Batteries	2 AAA batteries required (included)
Color Name	Black
Special Features	Exclusive features for PlayStation 5, XR TRILUMINOS Pro, Google TV with Google Assistant, AirPlay 2, Acoustic Multi-Audio, Game Menu, Studio Calibrated Modes (Prime Video, Netflix Adaptive, Sony Pictures CORE)
Speaker Type	Acoustic Multi-Audio
Standing Screen Display Size	85 Inches
Aspect Ratio	16:9
Voltage	220 Volts (AC)
Display Technology	Mini LED
Resolution	4K
Refresh Rate	120 Hz
Connectivity Technology	Bluetooth, Ethernet, HDMI, USB, Wi-Fi

## 8. MAINTENANCE

To ensure the longevity and optimal performance of your Sony BRAVIA 7 TV, regular maintenance is recommended.

### 8.1 Cleaning the Screen and Frame

- Gently wipe the screen with a soft, dry microfiber cloth. For stubborn smudges, lightly dampen the cloth with water or a screen-safe cleaning solution.
- Clean the TV frame and stand with a soft, dry cloth. Avoid abrasive cleaners or solvents.

### 8.2 Software Updates

Ensure your TV's software is up-to-date to benefit from the latest features, performance improvements, and security patches. The TV will typically prompt you for updates, or you can manually check in the settings menu.

## 9. TROUBLESHOOTING

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If you encounter any issues with your Sony BRAVIA 7 TV, refer to the following common troubleshooting steps.

### 9.1 No Power / No Picture

- Check that the power cable is securely connected to both the TV and a working electrical outlet.
- Ensure the TV is turned on using the remote control or the power button on the TV.
- Verify that the correct input source is selected.

### 9.2 Picture or Sound Issues

- If the picture is distorted or unclear, check the cable connections to external devices (e.g., cable box, gaming console).
- For sound issues, ensure the volume is not muted and is set to an audible level. Check external audio device connections if applicable.
- Perform a power cycle by unplugging the TV from the power outlet for a few minutes, then plugging it back in.

### 9.3 Network Connectivity Problems

- Restart your router and modem.
- Check the Wi-Fi settings on your TV to ensure it's connected to the correct network.
- If using an Ethernet cable, ensure it is securely connected.

## 10. WARRANTY AND SUPPORT

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Your Sony BRAVIA 7 TV comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including coverage duration and service procedures.

### 10.1 Customer Support

For further assistance, technical support, or warranty claims, please visit the official Sony support website or contact Sony customer service directly. Contact information can be found in your product documentation or on the Sony website.