

Sony XR55X90J

Sony BRAVIA XR X90J 55 Inch 4K HDR LED Smart Google TV Instruction Manual

Model: XR55X90J | Brand: Sony

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Sony BRAVIA XR X90J 55 Inch 4K HDR LED Smart Google TV. Please read it thoroughly to ensure proper use and to maximize your viewing experience.

Key Features:

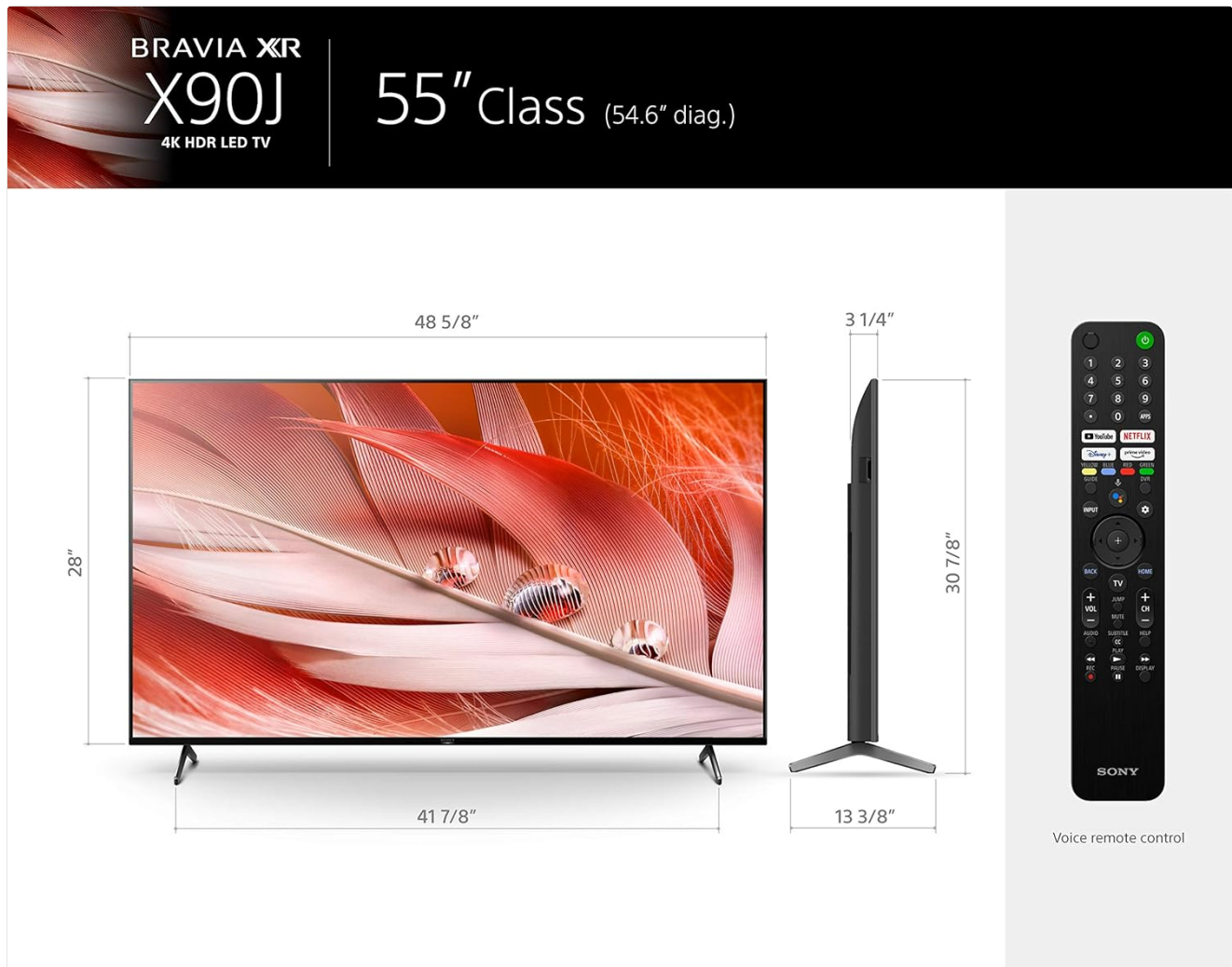
- **Cognitive Processor XR:** Revolutionary TV processing technology that understands how humans see and hear to deliver intense contrast with pure blacks, high peak brightness, and natural colors.
- **XR Triluminos Pro:** Billions of accurate colors for impressive picture quality that is natural and beautiful to the human eye.
- **Full Array LED & XR Contrast Booster:** Precisely controlled backlighting for real-life depth and detail with deep blacks and high peak brightness.
- **Google TV:** Seamlessly browse 700,000+ movies and TV episodes from across your favorite streaming services.
- **Perfect for PlayStation 5:** Exclusive features for the PS5 console, 4K/120fps (HDMI 2.1), and input lag as low as 8.5ms.
- **Acoustic Multi-Audio:** Two sound positioning tweeters elevate the soundstage, enabling sound to follow the action for an immersive experience.

2. WHAT'S IN THE BOX

Upon unboxing your Sony BRAVIA XR X90J TV, ensure all the following components are present:

- Television
- Table-top stand (2 pieces)
- AC power cord
- Voice remote control with 2 AAA batteries

- Quick setup guide
- Operating instructions
- M6L12 Screws (4)
- VS Spacers (4)



What's in the box?

Table-top stand
AC power cord
Voice remote control w/ batteries
Quick setup guide
Operating instructions

SONY

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Image: Sony X90J 55-inch TV box contents and dimensions. Includes TV, remote, stand, power cord, and documentation.

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Video: Official unboxing of the Sony X90J BRAVIA XR Full Array LED TV, showing included accessories and initial setup steps.

3. SETUP

3.1 Stand Assembly

Carefully attach the two table-top stand pieces to the bottom of the television using the provided screws. Ensure they are securely fastened. Refer to the quick setup guide for detailed diagrams.

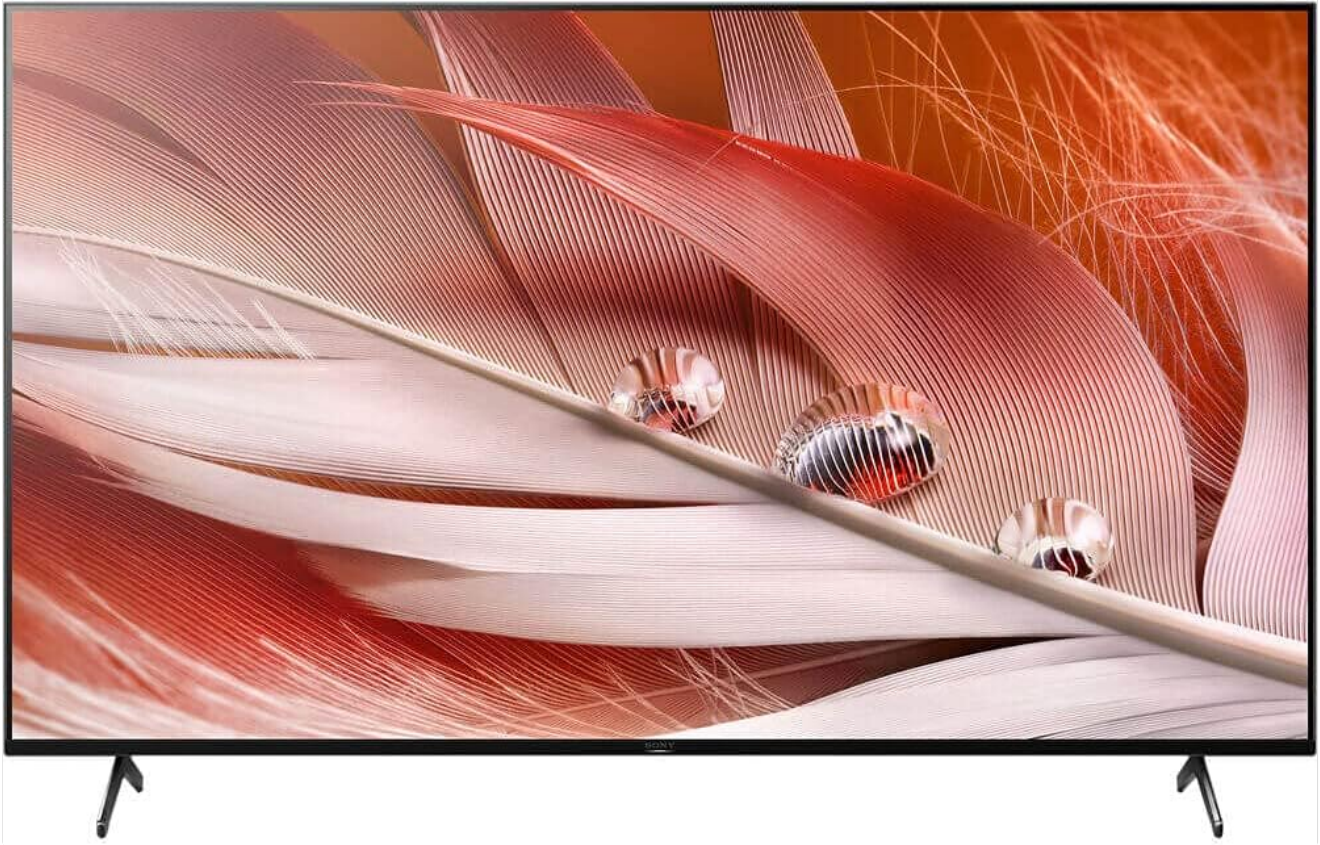


Image: Front view of the Sony X90J 55-inch TV with its table-top stand correctly assembled.

3.2 Connecting Power

Connect the AC power cord to the TV's power input port located on the back panel, then plug the other end into a wall outlet.

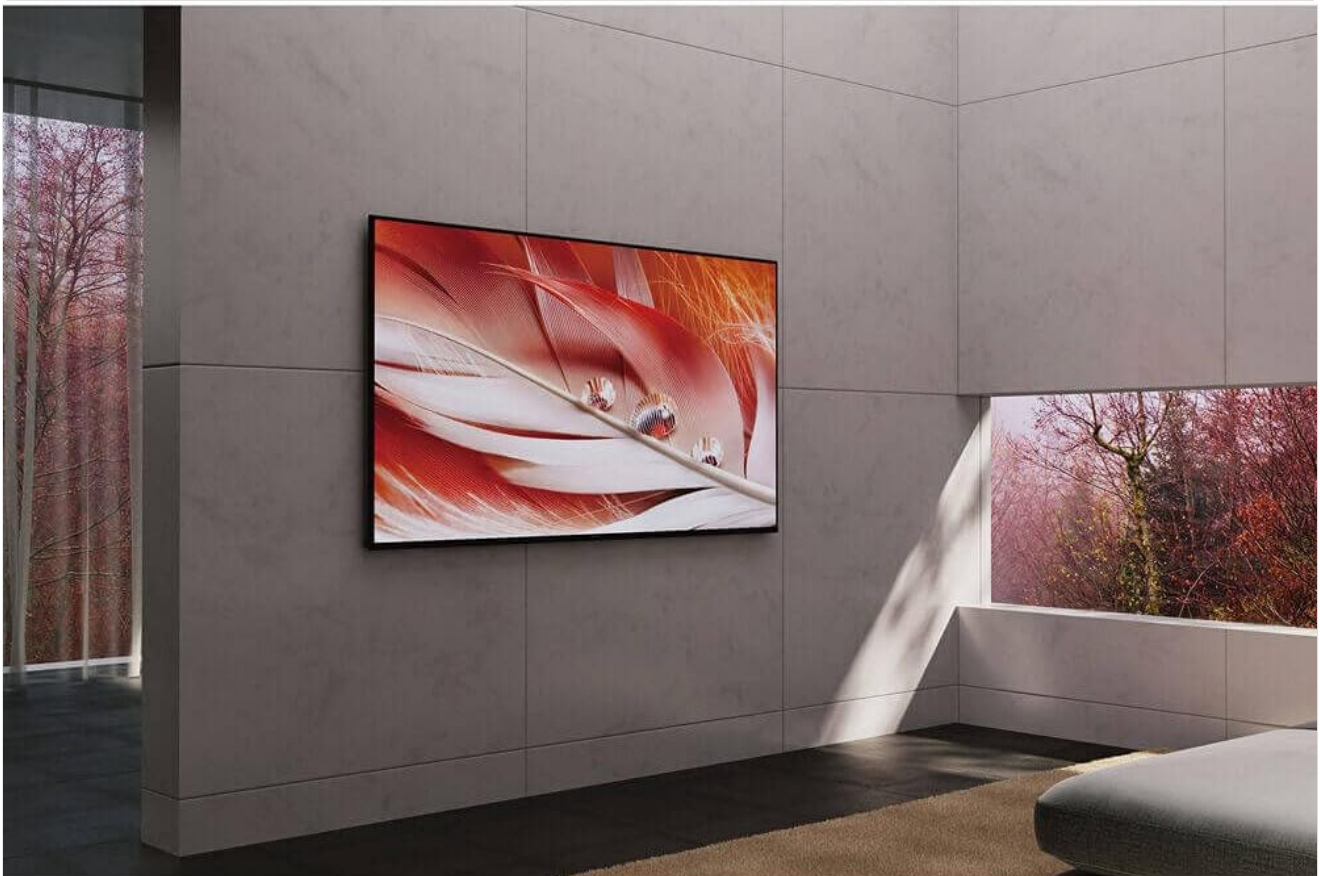


Image: Close-up of the back panel of the Sony X90J TV, highlighting the various input/output ports including HDMI, USB, LAN, and optical audio.

3.3 Remote Control Setup

Insert the two AAA batteries into the voice remote control, ensuring correct polarity.

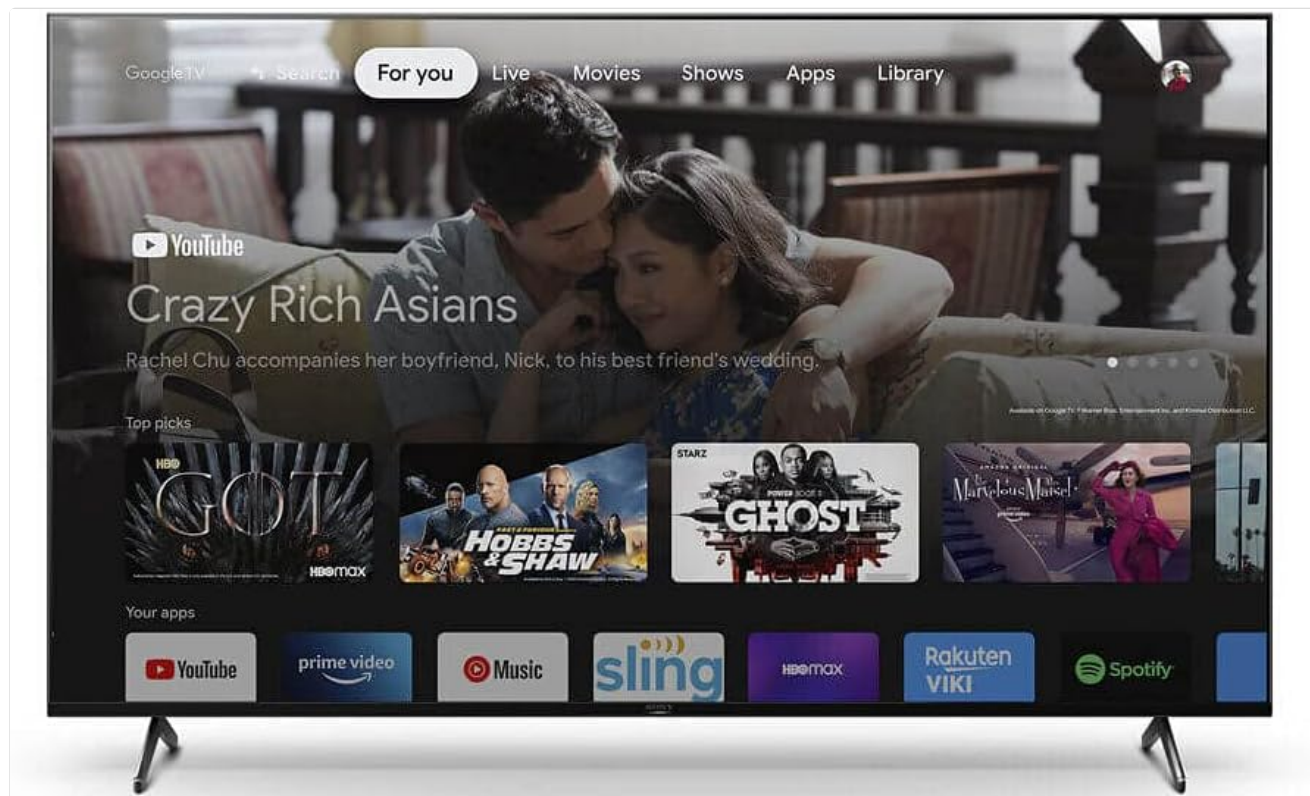


Image: The sleek black voice remote control for the Sony X90J TV, featuring dedicated buttons for streaming services and voice commands.

3.4 Initial Power-On

After connecting the power, the TV may take 10 to 20 seconds to initialize before it can be turned on using the remote control or the power button on the TV itself. This is normal behavior.

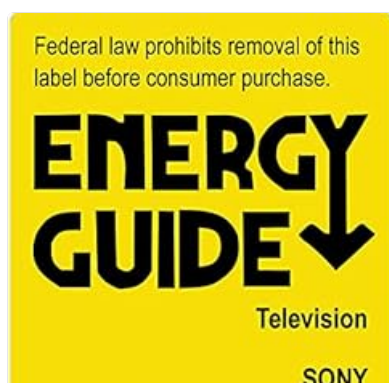
4. OPERATING YOUR TV

4.1 Using the Remote Control

The voice remote control provides access to all TV functions, including input selection, channel navigation, volume control, Google Assistant, and quick access buttons for popular streaming services.

4.2 Google TV Interface

Your Sony X90J TV features the Google TV interface, allowing you to browse content from various streaming services, access apps, and manage your watchlist all in one place.



Model XR-55X90J

Estimated Yearly Energy Cost

\$20

Cost Range of
Similar Models
(55" – 59")

\$34

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\$8

- Based on 12 cents per kWh and 5 hours use per day
- Estimated yearly electricity use of this model: 162 kWh
- Your cost depends on your utility rates and use.

Visit [ftc.gov/energy](https://www.ftc.gov/energy)

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REQUIRED UNDER U.S. LAWS
THAT ARE NOT APPLICABLE IN
MEXICO AND CANADA,
INCLUDING THE PROVINCE OF
QUEBEC.**

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REQUIS AUX TERMES DES
LOIS AMÉRICAINES, NE
S'APPLIQUE PAS AU TERRITOIRE
CANADIEN ET/OU MEXICAIN,
INCLUANT LE QUÉBEC.**

SÓLO PARA ESTADOS UNIDOS

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Video: An overview of the Google TV interface on Sony BRAVIA XR, highlighting content discovery and app access.

5. PICTURE SETTINGS

The Sony X90J offers various picture modes and advanced settings to optimize your viewing experience. Experiment with these settings to find what best suits your environment and content.

5.1 Picture Modes

Select from modes like Vivid, Standard, Cinema, Game, Graphics, Photo, and Professional. Each mode is pre-configured for different content types. For movie watching, 'Cinema' mode is generally recommended for true-to-life reproduction.

5.2 HDR (High Dynamic Range)

The TV supports Dolby Vision HDR, HDR10, and HLG. When HDR content is detected, the TV automatically adjusts to an HDR picture mode. You can fine-tune HDR brightness, contrast, and tone mapping preferences within the picture settings.

6. SOUND SETTINGS

The Acoustic Multi-Audio system provides an immersive sound experience. You can customize sound settings to your preference.

- **Surround Sound:** Enable or adjust surround sound effects.
- **Dialogue Enhancer:** Adjust to improve voice clarity.
- **Equalizer:** Fine-tune frequency bands for personalized audio.
- **Auto Volume:** Turn on to prevent sudden volume changes during commercials.
- **Dolby Audio Processing & DTS Virtual:X:** Enhance audio quality for supported content.

7. GAMING FEATURES

The Sony X90J is optimized for next-generation gaming, especially with PlayStation 5.

- **4K/120fps:** Supports 4K resolution at 120 frames per second via HDMI 2.1 ports (HDMI 3 and 4).
- **Ultra Low Input Lag:** Experience input lag as low as 8.5ms for responsive gameplay.
- **Auto Low Latency Mode (ALLM):** Automatically switches to low-latency mode when a game console is connected.
- **Variable Refresh Rate (VRR):** Support for VRR may be added via future firmware updates.

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Video: Sony BRAVIA XR TV showcasing features optimized for PlayStation 5, including 4K/120fps and low input lag.

8. MAINTENANCE

To ensure the longevity and optimal performance of your Sony X90J TV, follow these maintenance guidelines:

- **Screen Cleaning:** Gently wipe the screen with a soft, dry microfiber cloth. For stubborn smudges, lightly dampen the cloth with water or a specialized screen cleaner (avoid harsh chemicals).
- **Cabinet Cleaning:** Use a soft, dry cloth to wipe the TV's cabinet.
- **Ventilation:** Ensure adequate ventilation around the TV to prevent overheating. Do not block the ventilation openings.
- **Power Cord:** Regularly check the power cord for any damage. If damaged, discontinue use and contact Sony support.

9. TROUBLESHOOTING

TV Does Not Turn On After Unplugging

Issue: When you unplug the TV and plug it in again, the TV may not be able to turn on for a while, even if you press the power button on the remote control or the TV.

Solution: This is normal behavior as it takes time to initialize the system. Wait for about 10 to 20 seconds, then try again.

10. SPECIFICATIONS

Feature	Specification
Brand Name	Sony
Model Number	XR55X90J
Screen Size	55 Inches
Display Technology	LED (Full Array LED)
Resolution	4K Ultra HD
Refresh Rate	120 Hz
HDR Support	Dolby Vision, HDR10, HLG
Operating System	Google TV
Connectivity Technology	APPLE AIRPLAY, APPLE HOMEKIT, Bluetooth, Chromecast built-in, Mini Jack, HDMI (2.1 compatible), USB, WiFi
Product Dimensions	13.38"D x 48.63"W x 28"H
Item Weight	17.4 Kilograms (38.3 pounds)
Power Consumption	Estimated Yearly Energy Cost: \$20 (Based on 12 cents per kWh and 5 hours use per day)



Image: Energy Guide label for the Sony X90J 55-inch TV, showing estimated yearly energy cost and consumption details. For more information, visit [ftc.gov/energy](https://www.ftc.gov/energy).

11. WARRANTY AND SUPPORT

Your Sony X90J TV comes with a limited warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions.

For technical support, troubleshooting assistance, or to register your product, please visit the official Sony support website or contact Sony customer service.

You can also visit the [Sony Store on Amazon](#) for additional product information and resources.