

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [ViewSonic](#) /
- › [ViewSonic LX700-4K Laser Projector User Manual](#)

ViewSonic LX700-4K

ViewSonic LX700-4K Laser Projector User Manual

Model: LX700-4K | Brand: ViewSonic

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your ViewSonic LX700-4K UHD 3500 Lumens Laser Projector. Designed for an immersive gaming and home entertainment experience, this projector offers 4K resolution, high brightness, and advanced features for optimal performance.



Figure 1.1: ViewSonic LX700-4K Laser Projector

The ViewSonic LX700-4K is a high-performance laser projector featuring 4K UHD (3840x2160p) resolution and 3,500 ANSI lumens brightness, ideal for both gaming and cinematic home entertainment. Its compact design and advanced laser light source ensure a long, maintenance-free lifespan.

2. WHAT'S IN THE BOX

Verify that all items listed below are included in your package:

- ViewSonic LX700-4K Projector
- Remote Control
- Power Cord (Power Cable varies by region)
- Quick Start Guide
- User Manual (this document)

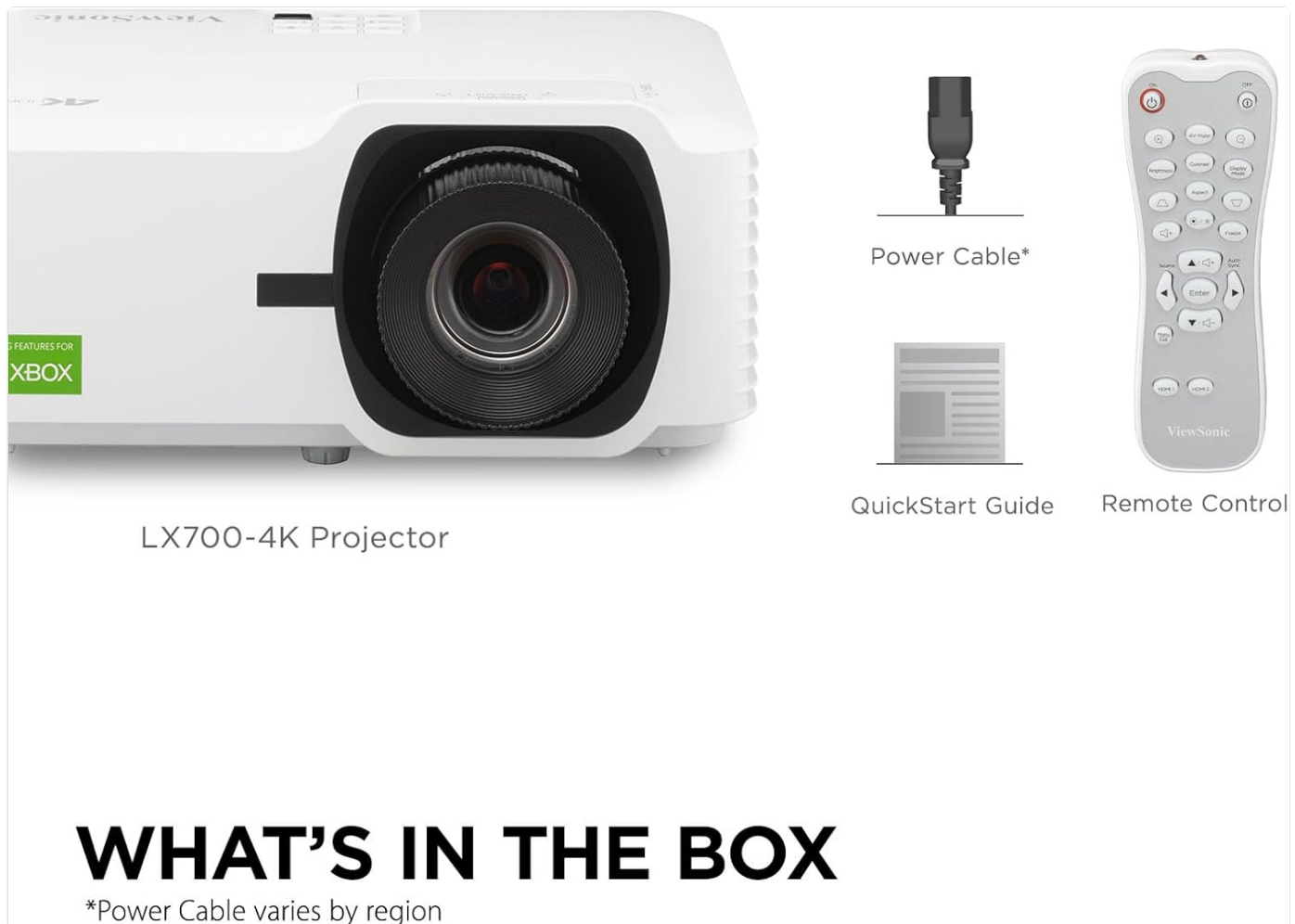


Figure 2.1: Package Contents

The image displays the ViewSonic LX700-4K Projector, its remote control, a power cable, and the QuickStart Guide, which are typically included in the product packaging.

3. PRODUCT OVERVIEW

3.1. Projector Dimensions



4K UHD (3840x2160) LASER PROJECTOR

Figure 3.1: Projector Dimensions

The projector measures approximately 28.7 cm (11.3 in) in length, 21.6 cm (8.5 in) in width, and 12.7 cm (5.0 in) in height. These compact dimensions allow for flexible placement options.

3.2. Connectivity Ports

The LX700-4K projector offers a variety of ports for connecting your devices:

- **2 x HDMI 2.0 with HDCP 2.2:** For connecting high-definition sources like gaming consoles, Blu-ray players, and streaming devices.
- **1 x USB Type-A:** For power supply to external devices or firmware updates.
- **1 x 3.5mm Audio Out:** For connecting external audio systems.
- **1 x 3.5mm 12V Trigger:** For synchronized control of motorized screens or other compatible devices.
- **1 x RS232:** For integration into control systems.



FLEXIBLE CONNECTIVITY

for your favorite devices

Figure 3.2: Rear Panel Connectivity

This image highlights the various input and output ports on the rear of the projector, including HDMI, USB, audio out, 12V trigger, and RS232, along with the lens shift and focus/zoom controls on the top.



Figure 3.3: HDMI Port Locations

A close-up view of the rear panel, specifically highlighting the two HDMI 2.0 ports, essential for connecting modern gaming consoles and media players.

4. SETUP

4.1. Placement and Screen Size

The LX700-4K can project screen sizes from 80 inches up to 300 inches. The optimal throw distance varies with the desired screen size. For a 100-inch image, the projector should be placed approximately 7.7 feet (2.35 meters) from the screen. The throw distance range for 80" to 150" screens is 6.2 ft - 11.5 ft.

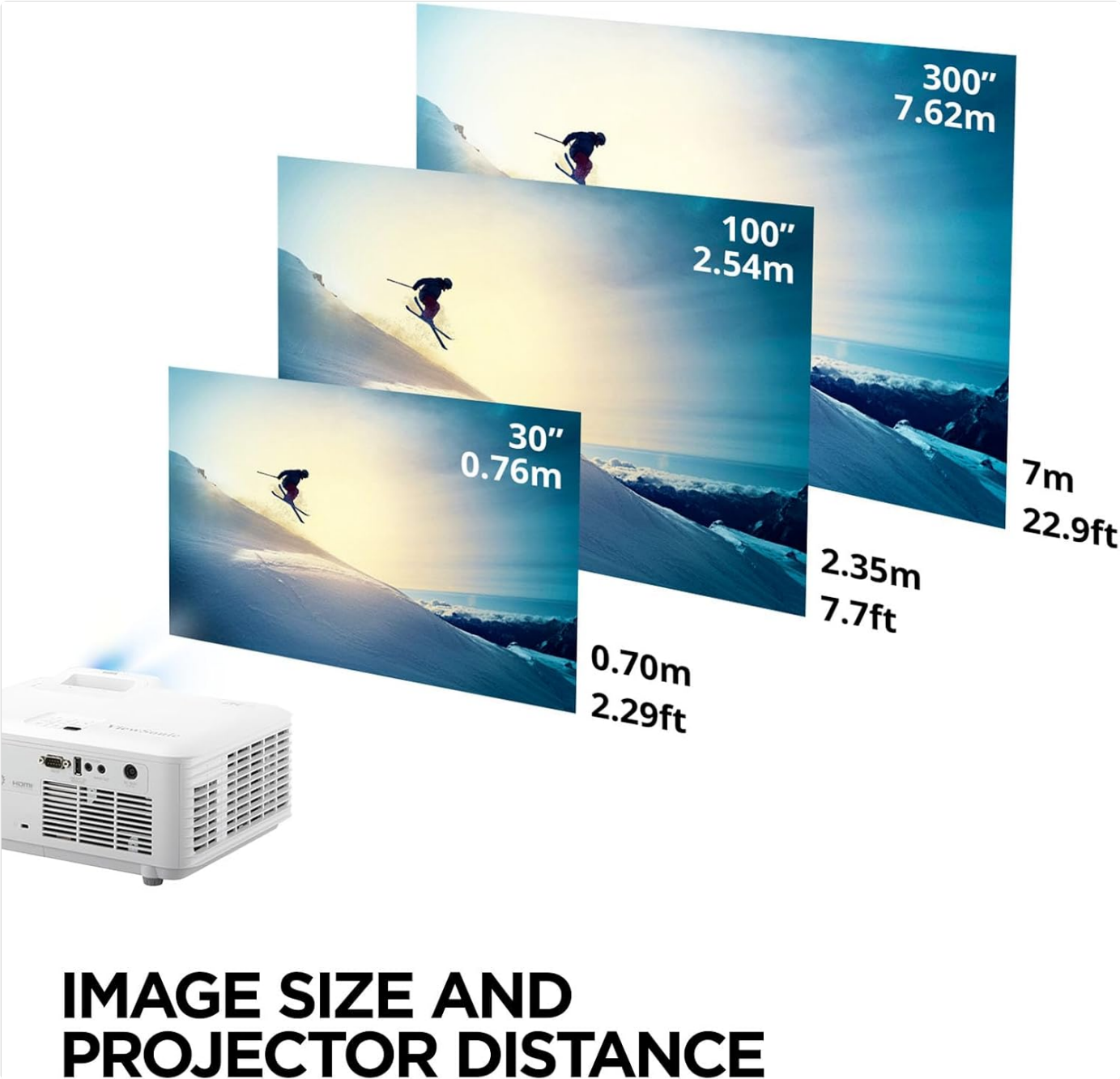


Figure 4.1: Recommended Projection Distances

This chart illustrates the relationship between projection distance and screen size, showing examples for 30-inch, 100-inch, and 300-inch displays.



Figure 4.2: Large Screen Projection Capability

The projector is capable of producing a large image, up to 300 inches diagonally, suitable for expansive home theater setups. The projector can be placed on a table or ceiling mounted. For ceiling mounting, the ViewSonic mount PJ-WMK-007 is compatible.

4.2. Connecting Power

Connect the provided power cord to the projector's power input and then to a suitable electrical outlet.

4.3. Connecting Devices

Use HDMI cables to connect your gaming consoles (e.g., Xbox), Blu-ray players, or streaming devices to the HDMI 1 or HDMI 2 ports on the projector's rear panel.

4.4. Initial Power On and Image Adjustment

After connecting power and devices, press the power button on the projector or remote control to turn it on. The projector features several tools for easy image adjustment:

- **1.3x Optical Zoom:** Adjust the image size without moving the projector.
- **0.8x-2.0x Digital Zoom:** Fine-tune the image size digitally.
- **H/V Keystone Correction:** Correct trapezoidal distortion if the projector is not perfectly perpendicular to the screen.
- **4-Corner Adjustment:** Individually adjust each corner of the image to achieve a perfectly rectangular projection, especially useful on uneven surfaces.
- **V Lens Shift:** Vertically shift the image without tilting the projector, maintaining optimal image quality.
- **360-degree Projection:** Allows for flexible installation, including projection onto ceilings or floors.
- **Curved Screen Projection:** Supports projection onto curved surfaces.

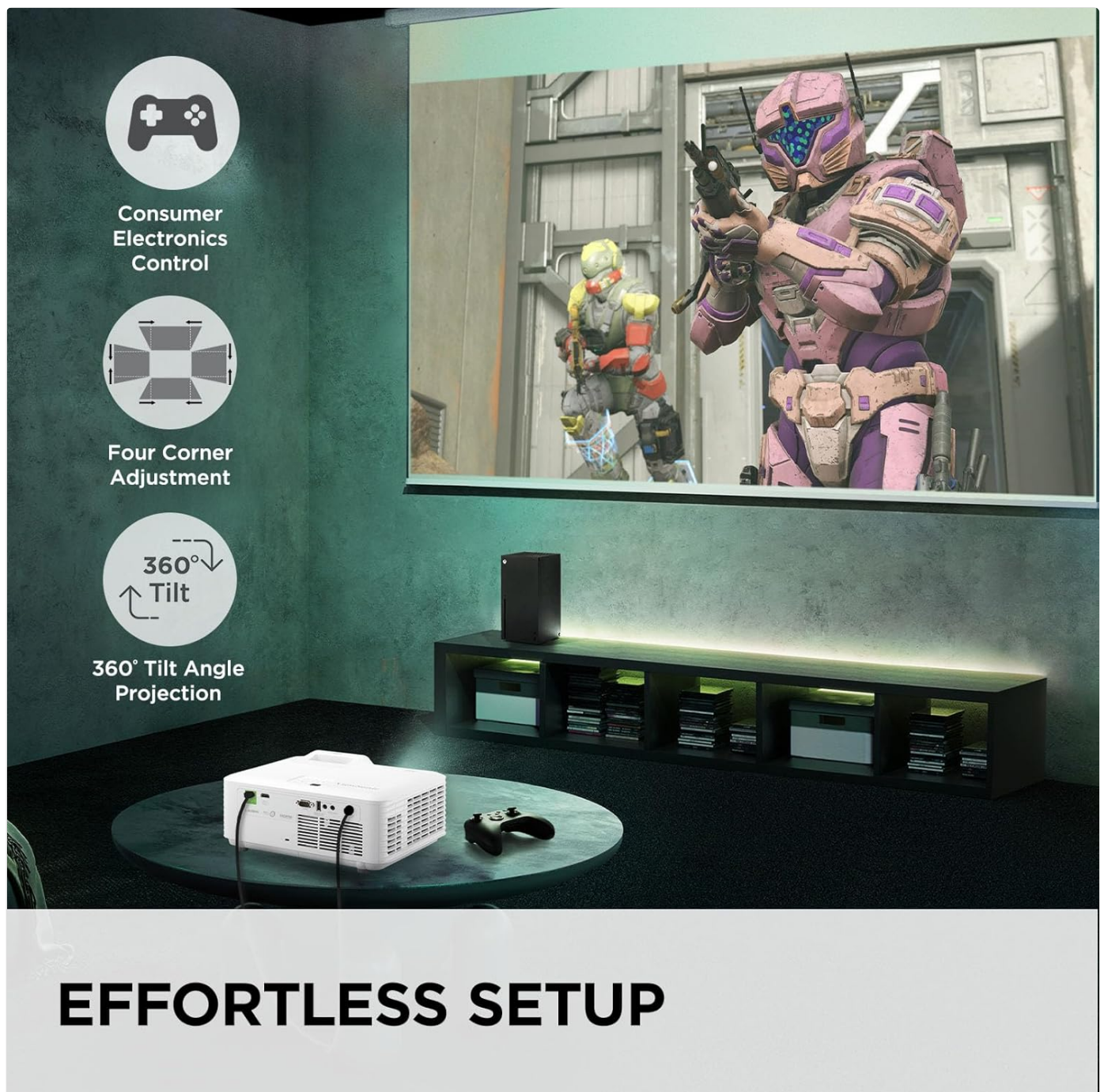


Figure 4.3: Image Adjustment Features

This image illustrates key setup features such as Consumer Electronics Control, Four Corner Adjustment, and 360° Tilt Angle Projection, simplifying the installation process.

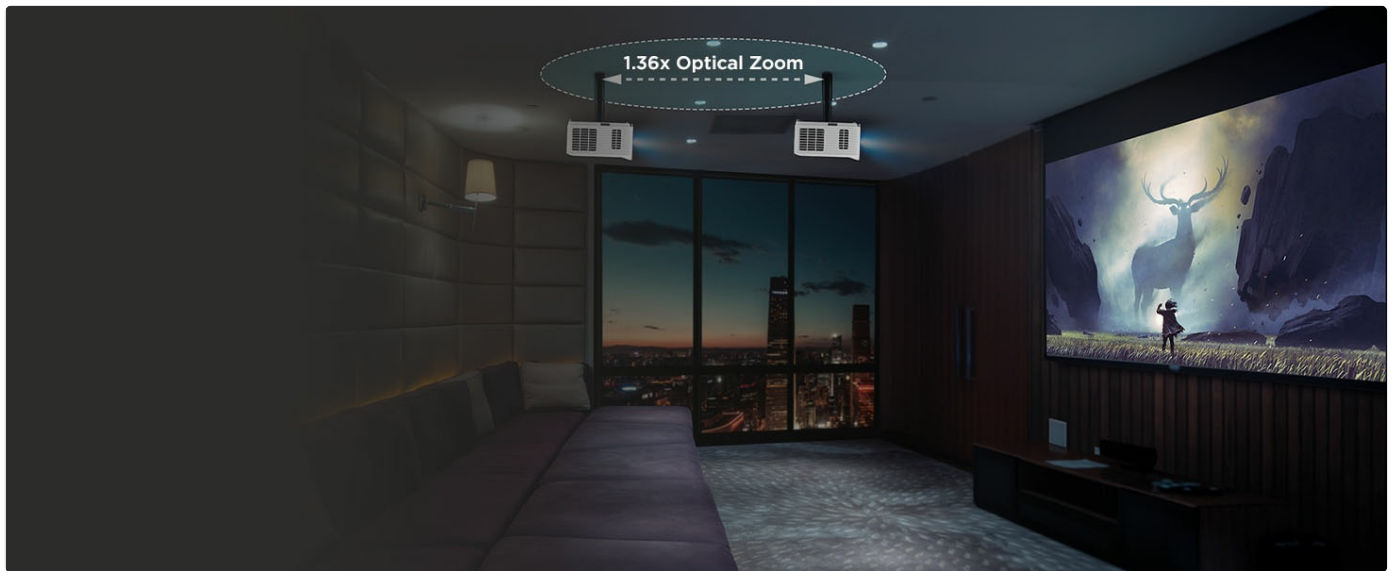


Figure 4.4: Optical Zoom Capability

The projector features a 1.36x optical zoom, allowing for flexible placement while maintaining image quality by adjusting the projection size without digital scaling.

5. OPERATING INSTRUCTIONS

5.1. Basic Operation

Use the power button on the remote or projector to turn the unit on or off. Select the desired input source (HDMI 1, HDMI 2, etc.) using the remote control's input selection button.

5.2. Gaming Performance

The LX700-4K is "Designed for Xbox" and optimized for a superior gaming experience:

- **High Refresh Rates:** Supports 1440p resolution at 120Hz, and up to a 240Hz refresh rate for ultra-smooth motion.
- **Low Input Lag:** Features an ultra-fast 4.2ms input lag, minimizing delay between your input and on-screen action.



SEAMLESS GAMEPLAY

Ultra-fast 4.2ms input with 240Hz refresh rate

Figure 5.1: Optimized Gaming Experience

This image highlights the projector's capability for seamless gameplay, featuring ultra-fast 4.2ms input lag and a 240Hz refresh rate, crucial for competitive gaming.



Figure 5.2: Ultra-Fast Input Advantage

A visual comparison demonstrating the clarity and responsiveness achieved with ultra-fast input, reducing motion blur and enhancing gaming precision.



Figure 5.3: Designed for Xbox

The projector is specifically designed to integrate seamlessly with Xbox consoles, providing optimized performance for gaming.

5.3. Image Quality and Color

The projector delivers vibrant colors and enhanced contrast:

- **SuperColor Technology:** Provides a wide color gamut for rich and accurate colors.
- **HDR/HLD Support:** Compatible with High Dynamic Range (HDR) and Hybrid Log-Gamma (HLG) content, offering greater detail in both bright and dark scenes.
- **4K UHD Resolution:** Experience stunning clarity with 3840x2160 pixel resolution.



Figure 5.4: Brightness and Resolution

This image emphasizes the projector's 3,500 ANSI lumens brightness and 4K UHD resolution, ensuring a clear and detailed picture even in well-lit environments.

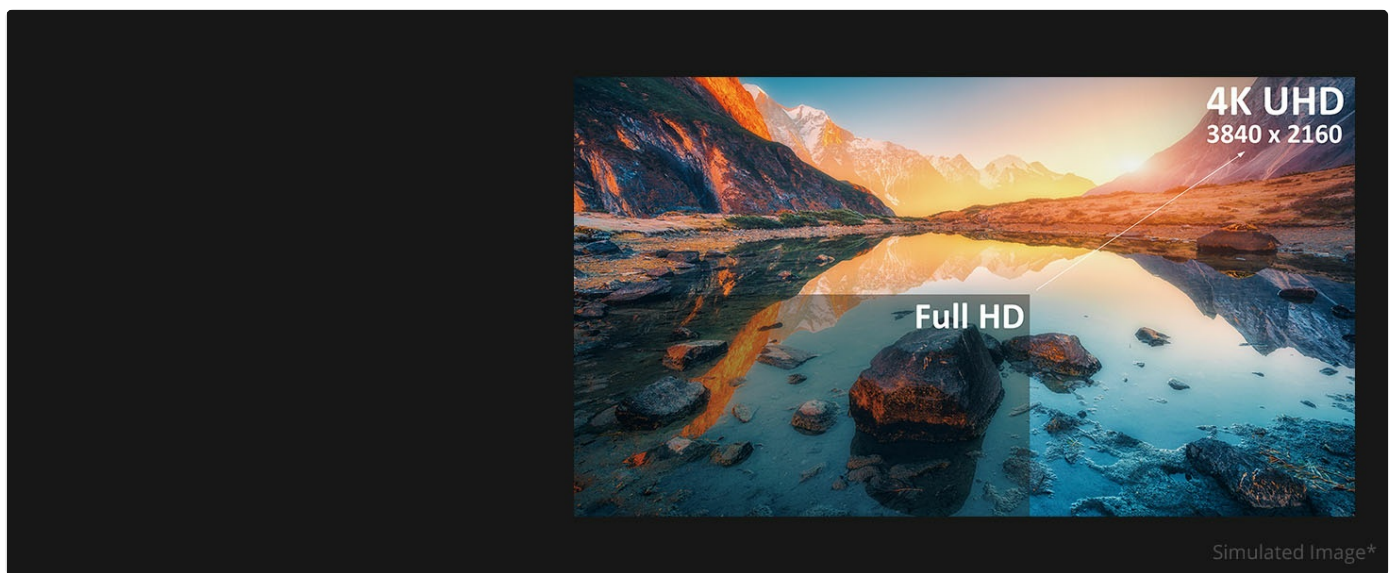


Figure 5.5: 4K UHD Clarity

A visual comparison demonstrating the superior detail and clarity of 4K UHD (3840x2160) resolution compared to Full HD.

5.4. Golf Mode

The LX700-4K includes a dedicated Golf Mode, designed for immersive play with major golf simulators. This mode optimizes image settings for lifelike visuals on virtual courses.

6. MAINTENANCE

6.1. Laser Light Source Lifespan

The LX700-4K utilizes a laser phosphor light source with an impressive lifespan of up to 30,000 hours, significantly reducing the need for lamp replacements and offering long-term, maintenance-free operation.

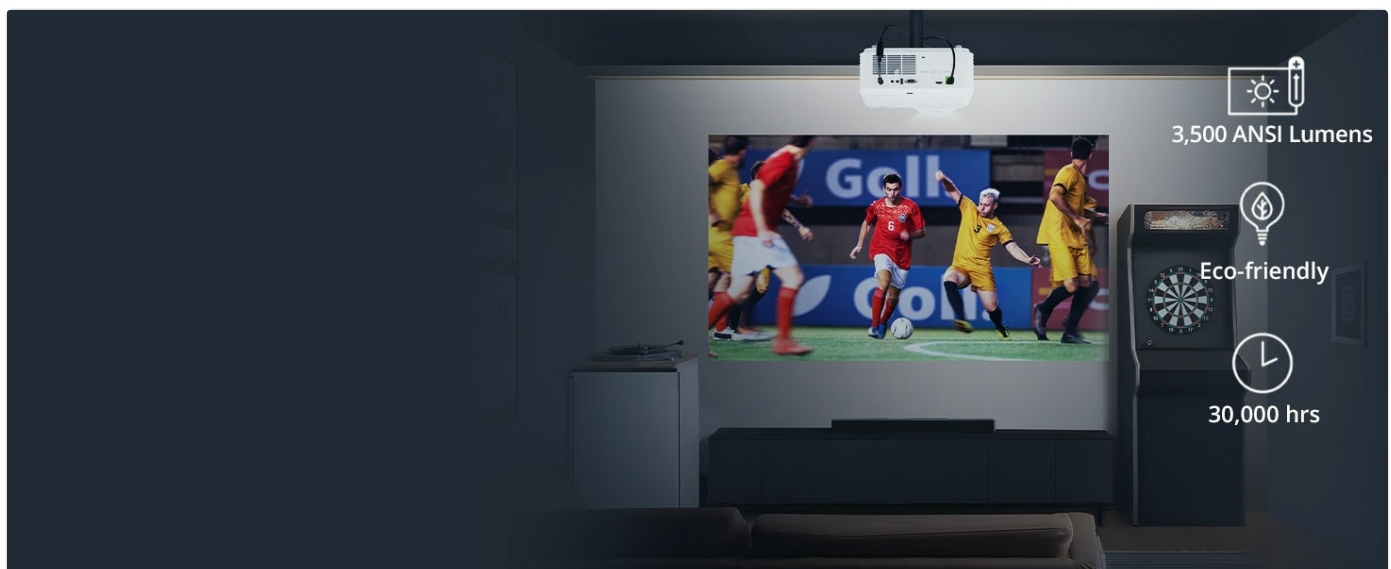


Figure 6.1: Laser Lifespan and Brightness

This image highlights the projector's key benefits: 3,500 ANSI lumens brightness, eco-friendly design, and an extended 30,000-hour laser lifespan.

6.2. Cleaning

To maintain optimal performance, regularly clean the projector's exterior with a soft, dry cloth. Ensure ventilation openings are clear of dust and debris. Do not use liquid or aerosol cleaners directly on the lens or housing.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your LX700-4K projector. For more detailed troubleshooting, refer to the full user manual available on the ViewSonic support website.

Problem	Possible Cause	Solution
No image on screen	Power cord disconnected; Incorrect input source selected; Device not powered on.	Ensure power cord is securely connected. Select the correct input source (HDMI 1/2). Power on the connected device.
Image is blurry	Focus not adjusted; Projector too close/far from screen.	Adjust the focus ring on the lens. Refer to Section 4.1 for optimal throw distances.
Image is trapezoidal or distorted	Projector not perpendicular to screen; Keystone/4-corner adjustment needed.	Use H/V Keystone or 4-Corner Adjustment features (see Section 4.4) to correct the image shape.
No audio	Volume too low; External audio system not connected/configured; Source device audio settings.	Increase projector volume. Ensure external audio system is properly connected to the 3.5mm Audio Out port and powered on. Check audio output settings on your source device.
Remote control not working	Batteries low/dead; Obstruction between remote and projector; Remote sensor blocked.	Replace batteries. Ensure no obstructions. Point remote directly at the projector's IR sensor.

8. SPECIFICATIONS

Feature	Specification
Model Number	LX700-4K
Display Technology	DLP
Native Resolution	3840 x 2160 (4K UHD)
Brightness	3500 ANSI Lumens
Light Source	Laser Phosphor
Light Source Lifespan	Up to 30,000 hours (Eco Mode)
Contrast Ratio	(Dynamic)
Throw Ratio	1.1 - 1.5
Optical Zoom	1.36x
Digital Zoom	0.8x - 2.0x
Keystone Correction	H/V Keystone
Lens Shift	V Lens Shift

Feature	Specification
Input Lag	4.2ms (at 240Hz)
Refresh Rate	Up to 240Hz
HDR Support	HDR/HLG
Connectivity	2x HDMI 2.0 (HDCP 2.2), 1x USB Type-A, 1x 3.5mm Audio Out, 1x 3.5mm 12V Trigger, 1x RS232
Product Dimensions (LxWxH)	11.3" x 8.5" x 5" (28.7 cm x 21.6 cm x 12.7 cm)
Item Weight	7.3 pounds (3.3 kg)
Power Source	Corded Electric
Voltage	220 Volts
Manufacturer	ViewSonic
UPC	766907023961

9. WARRANTY AND SUPPORT

The ViewSonic LX700-4K projector comes with a **3-Year Warranty**, ensuring peace of mind regarding your investment. ViewSonic also provides **US-based Customer Support** for any technical assistance or inquiries you may have. For detailed warranty terms and conditions, or to contact customer support, please visit the official ViewSonic website or refer to the warranty card included with your product.

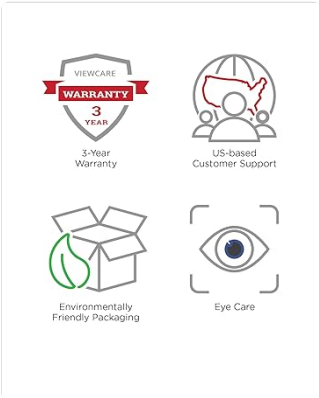
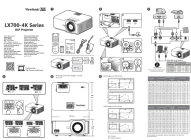


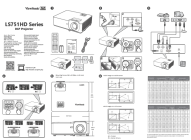

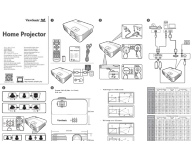


Figure 9.1: Warranty and Support Information

This graphic indicates the product's 3-year warranty and the availability of US-based customer support, along with environmentally friendly packaging and eye care considerations.

Related Documents - LX700-4K

	<p>ViewSonic LX700-4K Series DLP Projector Quick Start Guide</p> <p>This document provides a quick start guide for the ViewSonic LX700-4K Series DLP Projector, covering setup, connections, and basic operation. It includes technical specifications and compliance information.</p>
	<p>ViewSonic M2e Portable Smart LED Projector - Features and Specifications</p> <p>Discover the ViewSonic M2e, a portable smart LED projector offering Full HD resolution, 125% Rec.709 color accuracy, and integrated Harman Kardon speakers. Learn about its key features, product description, and technical specifications for easy setup and cinema-quality entertainment anywhere.</p>
	<p>ViewSonic X Series Smart LED Projector Quick Start Guide</p> <p>This document provides a quick start guide for the ViewSonic X Series Smart LED Projector, covering setup, connectivity, and basic operation. It includes multilingual instructions and technical specifications.</p>
	<p>ViewSonic LS751HD Series DLP Projector Quick Start Guide</p> <p>This document provides a quick start guide for the ViewSonic LS751HD Series DLP Projector, covering setup, connections, and basic operation. It includes technical specifications and compliance information.</p>
	<p>ViewSonic M Series Portable RGB Laser Smart Projector - Quick Start Guide</p> <p>A concise guide to setting up and using the ViewSonic M Series Portable RGB Laser Smart Projector, covering connections, power, projection, and wireless features.</p>
	<p>ViewSonic Home Projector Quick Start Guide and Specifications</p> <p>This document provides a quick start guide and technical specifications for the ViewSonic Home Projector. It includes setup instructions, connection diagrams, projector dimensions, projection distance tables, and compliance information.</p>