

## JVC DLA-NX9

# JVC DLA-NX9 4K Home Theater Projector User Manual

Model: DLA-NX9

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your JVC DLA-NX9 4K Home Theater Projector. The DLA-NX9 is designed to deliver a high-quality cinematic experience, featuring 8K/e-shift technology and native 4K D-ILA devices. Please read this manual thoroughly before using the projector and retain it for future reference.



Figure 1.1: Front view of the JVC DLA-NX9 4K Home Theater Projector, showcasing its central lens and ventilation grilles.

## 2. SAFETY INFORMATION

To ensure safe operation and prevent damage, observe the following precautions:

- **Power Supply:** Use only the specified power supply voltage. Ensure the power cord is securely connected and not

damaged.

- **Ventilation:** Do not block the ventilation openings. Adequate airflow is crucial to prevent overheating.
- **Placement:** Place the projector on a stable, level surface. Avoid locations with high humidity, dust, or extreme temperatures.
- **Light Source:** Do not look directly into the projector lens when the lamp is on, as the intense light can cause eye damage.
- **Servicing:** Refer all servicing to qualified service personnel. Do not attempt to open or repair the projector yourself.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- JVC DLA-NX9 Projector Unit
- Remote Control with Batteries
- Power Cord
- Lens Cap
- User Manual (this document)

## 4. SETUP

### 4.1 Projector Placement

Consider the projector's dimensions (25.25 x 26.25 x 16.38 inches) and weight (48 pounds) when choosing a location. Ensure the surface is sturdy enough to support the unit. Position the projector to achieve the desired screen size and aspect ratio, keeping in mind the throw distance and lens shift capabilities.



Figure 4.1: Angled view of the JVC DLA-NX9, showing its robust chassis and lens assembly.

## 4.2 Connecting Devices

The DLA-NX9 offers various input and control connectors:

- **HDMI Inputs (x2):** Connect your video sources (Blu-ray players, streaming devices, gaming consoles). These inputs support 3D, Deep Color, and HDCP 2.2, enabling full-spec 4K signal input with 18Gbps bandwidth (4K60P 4:4:4, 4K60P 4:2:2/36-bit, 4K24P 4:4:4/36-bit).
- **RS-232C (D-sub 9pin x1):** For external control systems.
- **LAN (RJ-45 x1):** For network control and firmware updates.
- **Trigger (Mini jack x1):** For synchronizing with external devices like motorized screens.
- **3D Sync (Mini-DIN 3pin x1):** For connecting an optional 3D emitter.

Ensure all cables are securely connected before powering on the projector.



Figure 4.2: Side view of the JVC DLA-NX9, illustrating the various input and output ports for connectivity.

## 4.3 Initial Power-On

1. Connect the power cord to the projector and a suitable electrical outlet.
2. Press the power button on the projector or the remote control. The indicator light will change, and the lamp will ignite.
3. Allow the projector to warm up. Adjust focus, zoom, and lens shift as needed using the remote control.

# 5. OPERATING INSTRUCTIONS

## 5.1 Basic Operation

- **Power On/Off:** Use the power button on the remote or projector. A second press is usually required to fully power off.
- **Input Selection:** Use the "Input" button on the remote to cycle through connected sources or select directly.
- **Menu Navigation:** Use the arrow keys and "Enter" button on the remote to navigate the on-screen display (OSD) menu for settings adjustments.

## 5.2 Key Features

- **8K/e-shift Technology:** The DLA-NX9 utilizes JVC's proprietary 8K/e-shift technology to reproduce images with 8K-equivalent resolution (8192 x 4320). This technology enhances both native 4K and lower-resolution content.
- **Multiple Pixel Control:** This feature converts Full HD and 4K images to high-definition 8K images, optimizing content for the projector's capabilities.
- **Auto Tone Mapping:** For HDR10 content, the Auto Tone Mapping function automatically adjusts settings based on mastering information, ensuring optimal picture quality. The projector supports HDR10 and HLG content.
- **Clear Motion Drive & Motion Enhance:** These technologies work together to significantly reduce motion blur, providing smoother fast-moving scenes.
- **3D Formats:** The projector supports various 3D formats including Frame Packing, Side-by-Side (Half), and Top and Bottom.

## 6. MAINTENANCE

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### 6.1 Lens Cleaning

Gently wipe the lens with a soft, lint-free cloth specifically designed for optical surfaces. Do not use abrasive cleaners or excessive force.

### 6.2 Air Filter Cleaning

Regularly check and clean the air filters to maintain optimal cooling and prevent dust accumulation inside the projector. Refer to the on-screen menu for filter usage time and replacement indicators.

### 6.3 Lamp Replacement

The projector uses an NSH 265 W lamp. When the lamp life is nearing its end, a warning message will appear. Follow the instructions in the full service manual for safe lamp replacement. Ensure the projector is cooled down and unplugged before attempting replacement.

## 7. TROUBLESHOOTING

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If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image displayed	Power cord disconnected Input source not selected Source device not powered on Lens cap on	Check power connection Select correct input source Ensure source device is on Remove lens cap
Image is blurry	Out of focus Lens dirty	Adjust focus using remote Clean the lens
Projector overheats and shuts down	Blocked ventilation Dirty air filter	Ensure clear airflow around projector Clean or replace air filter

For further assistance, please contact JVC customer support.

## 8. SPECIFICATIONS

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Feature	Detail
<b>Model Number</b>	DLA-NX9
<b>Display Resolution</b>	8192 x 4320 (with 8K/e-shift)
<b>Native Resolution</b>	3840 x 2160 (Native 4K D-ILA device)
<b>Light Source</b>	NSH 265 W lamp
<b>Brightness</b>	2,200 lm
<b>Dynamic Contrast Ratio</b>	1,000,000:1
<b>Connectivity Technology</b>	HDMI
<b>HDMI Inputs</b>	2 (HDCP 2.2, 18Gbps bandwidth)
<b>Other Connectors</b>	RS-232C (D-sub 9pin x1), LAN (RJ-45 x1), Trigger (Mini jack x1), 3D Sync (Mini-DIN 3pin x1)
<b>Product Dimensions</b>	25.25 x 26.25 x 16.38 inches
<b>Item Weight</b>	48 pounds
<b>Date First Available</b>	February 15, 2019

*Note: Specifications are subject to change without notice.*

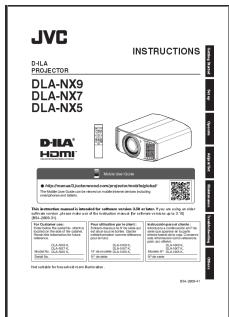
## 9. WARRANTY AND SUPPORT

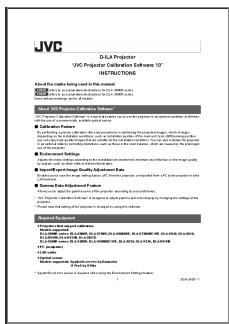
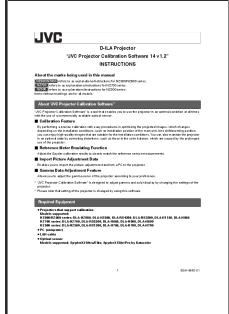
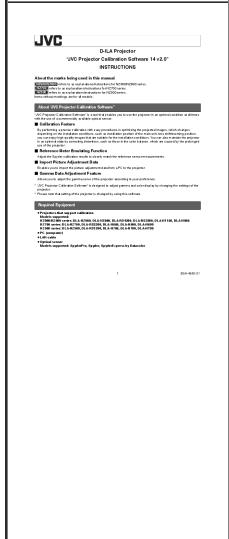
For warranty information and technical support, please refer to the warranty card included with your product or visit the official JVC website. You can also find more information on the [JVC Store on Amazon](#).

JVC is committed to providing high-quality products and customer service. If you require assistance, please have your model number (DLA-NX9) and purchase details ready.

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### Related Documents - DLA-NX9

	<p><a href="#">JVC D-ILA Projector DLA-NX9/NX7/NX5 Instruction Manual</a></p> <p>Comprehensive instruction manual for JVC D-ILA projectors, models DLA-NX9, DLA-NX7, and DLA-NX5. Covers setup, operation, adjustments, maintenance, and troubleshooting.</p>
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	<p><b>JVC Projector Calibration Software 10: User Manual and Instructions</b></p> <p>This document provides instructions for the JVC Projector Calibration Software 10, a tool for optimizing JVC D-ILA projector image quality through precise calibration, environmental adjustments, and gamma data tuning. It details system requirements, setup procedures, and calibration steps.</p>
	<p><b>JVC Projector Calibration Software 14 v1.2 User Manual</b></p> <p>This manual provides instructions for installing and using the JVC Projector Calibration Software v1.2. It details how to calibrate JVC D-ILA projectors for optimal image quality, covering setup, calibration procedures, and advanced features like color profile creation and gamma data adjustment.</p>
	<p><b>JVC D-ILA Projecteur DLA-NZ900/NZ800/RS4200/RS3200 : Manuel d'instructions et de sécurité</b></p> <p>Découvrez le manuel d'instructions complet pour les projecteurs JVC D-ILA modèles DLA-NZ900, DLA-NZ800, DLA-RS4200 et DLA-RS3200. Ce guide couvre l'installation, le fonctionnement, l'entretien, le dépannage et les mesures de sécurité essentielles pour une utilisation optimale de votre projecteur.</p>
	<p><b>JVC Projector Calibration Software 14 v2.0 - User Manual and Instructions</b></p> <p>Comprehensive user manual for JVC's Projector Calibration Software v2.0, detailing setup, calibration procedures, feature usage, and system requirements for JVC D-ILA projectors.</p>
	<p><b>JVC D-ILA Projector DLA-X9900BE/DLA-X7900BE/WE/DLA-X5900BE/WE Instructions</b></p> <p>This document provides instructions for JVC D-ILA projectors, covering setup, operation, adjustments, maintenance, and troubleshooting. It includes safety precautions and details on connections and accessories.</p>