

# JVC

# DLA-NZ8

8K Home Theater Projector

**8K**  
e-shiftX

## PREMIUM. PERFORMANCE. LASER.

World's First 8K Input Home Theater Projectors.



The DLA-NZ8 combines BLU-Escent laser technology with an 8K input with pixel perfect, fully addressable 8K resolution. 8K in. 8K out. 2,500 lumen brightness delivers impressive HDR even with larger screen sizes. An all glass 65mm diameter lens is matched with a high contrast optical block. Add with D-ILA imaging chips, HDR10+ and Frame Adapt HDR for an absolutely amazing home theater experience.

### KEY FEATURES

- 2,500 Lumen BLU-Escent Laser Phosphor Light Engine
- Pixel Perfect 8K e-shiftX (4-Way/Multi-Axis Shift) yields 8,192 x 4,320 projected image
- 65 mm all-glass lens with 2X Zoom and 80% vertical/34% horizontal shift
- High Contrast Optical Block
- Two 48Gbps HDMI/HDCP 2.3 inputs (8K/60P & 4K/120P)
- 80,000:1 Native Contrast, Infinite Dynamic Contrast
- Frame Adapt HDR Dynamic Tone Mapping w/ Theater Optimizer
- HDR10+
- Wide Color Gamut w/ Cinema Filter (Over 100% DCI P3)
- 0.69 inch Native 4K D-ILA Devices (x3)
- Installation Mode with 10 memories, Anamorphic Scaling
- ISF (Imaging Science Foundation) Licensed plus JVC Auto Calibration
- Clear Motion Drive w/Motion Enhance
- Multiple Pixel Control (MPC) — MPC works with 8K60P (4:4:4) signals
- Low Latency Mode improves picture, speeds operation, and reduces gaming/PC frame delays
- Control: Control4 SDDP / LAN / RS-232C / IR / 12V Screen Trigger Output / 3D Sync Output
- 3 Year Warranty with First Year Advanced Replacement

Precision

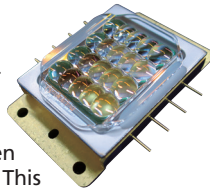
D-ILA

isf

HDR10+

## 2,500 Lumen BLU-Escent Laser

JVC's new 3rd generation "BLU-Escent" Laser Phosphor light engine uses blue laser diodes, an inorganic yellow phosphor and JVC's proprietary color management system. "BLU-Escent" enables 2,500 lumen light output and 20,000 hour long life illumination. This new design is more compact, with higher output, greater efficiency and quieter operation, making it the best solution for demanding home theater installations. Increased brightness ensures compatibility with larger screen sizes, and improved HDR performance. This brings greater depth, added dimensionality, and infinite dynamic contrast to home theater screens.



## An All Glass Lens is combined with a High Contrast Optical Block

The DLA-NZ8 is equipped with a 65mm diameter, high resolution, 17 element, 15 group all glass lens to deliver 8K resolution on the screen. For excellent installation flexibility, a wide shift range of +/-80% vertical, +/-34% horizontal is offered.



High-quality 65 mm diameter, 17-element, 15-group all glass lens

Projection optics is more than just the lens. The new High Contrast Optical Block compliments JVC's D-ILA technology and our legendary commitment to the best contrast, black level and brightness.

## 8K In... Dual 48Gbps HDMI w/ HDCP 2.3 Inputs

JVC is proud to introduce the world's first home theater projectors with 8K/60P inputs. This latest connectivity standard offers dual 48Gbps HDMI inputs with HDCP 2.3. In addition, 4K/120P input is supported for the newest generation video content, including the latest gaming platforms.

## 8K Out... 8K e-shiftX Technology

JVC's new 8K e-shiftX delivers pixel perfect 8K resolution with over 35 million individually addressable pixels. JVC achieves this with proprietary technology that uses a 240hz driver along with 4-way, multi-axis shift to flash the screen four times to create each full frame of 8K video for true 8K in, 8K out.



See how the native 4K image becomes sharper with 8K e-shift processing, and as if it is alive with 8K e-shiftX processing.

## Frame Adapt HDR w/Theater Optimizer

The DLA-NZ8 is compatible with HDR10 content such as UHD Blu-ray and streaming. Color grading of HDR content can vary dramatically. Frame Adapt HDR dynamically tone maps all HDR10 content for optimized brightness, color and detail on a frame by frame or scene by scene basis. With Theater Optimizer, JVC has created the world's first projector that automatically fine tunes HDR based on installation characteristics, and projector settings.



JVC projectors featuring Frame Adapt HDR and Theater Optimizer can express HDR content at optimum brightness and darkness in each frame as the creator intended.



JVC is proud to add HDR10+ support, which offers dynamic tone mapping for 4K HDR Blu-ray & streaming content that is true to the director's intent.

## Optional Equipment



**PK-AG3**  
RF 3D Glasses  
Battery-operated



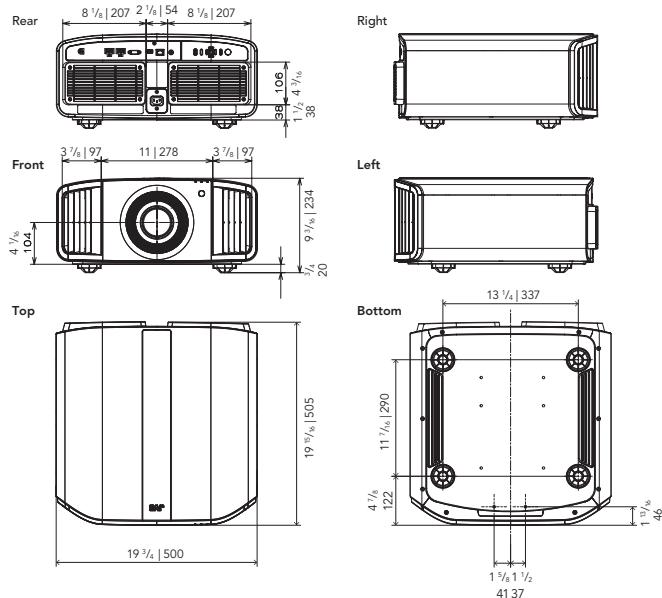
**PK-EM2**  
RF 3D Synchro  
Emitter

## Specifications

DLA-NZ8	
Device	0.69 in D-ILA Device (4096 x 2160) x3
e-shift	8K e-shiftX (4-direction shift)
Display Resolution	8192 x 4320 Precision via 8K e-shiftX technology
Lens	2x Motorized Zoom & Focus, All-glass Lens   65 mm diameter
Lens Shift	Vertical/Horizontal (motorized, in 16:9 aspect ratio) ±80% / ±34%
Projection Display Size	60 inch - 200 inch diagonal
Light Source	BLU-Escent Laser Diode
Brightness	2,500 lm
Contrast Ratio	Native: 80,000:1   Dynamic: ∞:1
DCI-P3 Colour Gamut	100%
Input Terminals	HDMI 2 (48Gbps, HDCP2.3, no support for CEC)
	Trigger 1 (Mini Jack, DC12V/100mA)
Output Terminals	3D Synchro 1 (Mini-Din 3pin)
	RS-232C 1 (Dsub 9pin)
Control Terminals	LAN 1 (RJ-45)
Service Terminals	SERVICE 1 (USB Type A, for firmware update)
Power Consumption	Projector in use 440 W
	Standby Eco-mode: 0.3 W
	Networked standby 1.5 W (LAN)
Fan Noise	24 dB (In Low Mode)
Power Requirement	AC100-240 V, 50/60 Hz
Dimensions	(WxHxD-inches) 19 3/4 x 9 3/16 x 19 15/16
Weight (net)	(lbs) 51

## External Dimensions (unit: inches/mm)

### DLA-NZ8



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