

# JVC

# DLA-NZ800

## 8K Home Theater Projector

**D-ILA** **8K**  
e-shiftX

## The ART of PROJECTION

### A True Cinematic Experience

JVC's DLA-NZ800 features the new Gen2 8K/e-shiftX with 8K Scaling Engine to display pixel-perfect 8,192 x 4,320 images. It also boasts the BLU-Escent Laser light source combined with Gen3 native 4K D-ILA devices to deliver 2,700-lumen brightness, and 100,000:1 native contrast and infinite dynamic contrast for impressive projection even on large screens. Turn on the Gen2 Frame Adapt HDR with Theater Optimizer, Deep Black Tone Control, DML and more to get the most out of HDR content. For stunning home theater projection, give the DLA-NZ800 a closer look.

#### KEY FEATURES

- Proprietary, Gen3, 0.69-inch Native 4K D-ILA Devices (x3)
- 2,700-lumen BLU-Escent Laser phosphor light engine
- Pixel perfect – Gen2 8K/e-shiftX with New 8K Scaling Engine featuring 4-way, multi-axis shift yields 8,192- x 4,320-pixel projection
- 100,000:1 native contrast, ∞ (infinite):1 dynamic contrast ratios delivers images brimming with reality
- 101-step Laser Light Control by slider adjustment
- 65 mm All-glass Lens with 2X zoom, 80% vertical, 34% horizontal shift
- High-contrast Optical Block
- Two 48Gbps HDMI/HDCP 2.3 inputs – 8K/60p and 4K/120p
- Gen2 Frame Adapt HDR dynamic tone mapping with Theater Optimizer
- New Deep Black Tone Control extends dark tones with far greater contrast
- HDR10+ compatibility
- DML (Display Mastering Luminance) adjusts/sets the dynamic range for better HDR experience
- Picture mode "Vivid" for projecting animated works and game CGs in SDR format
- Wide Color Gamut with Cinema Filter (over 100% DCI-P3)
- Built with hand-selected components
- Installation Mode with 10 customizable presets
- ISF Certified, plus JVC Auto Calibration
- Clear Motion Drive for the smoothest video
- Multiple Pixel Control (MPC) for increased sharpness and detail
- Low Latency Mode effective when displaying high frame-rate gaming content
- Controls: Control4 SDDP, LAN, RS-232C, IR, 12V screen trigger out, 3D sync out

**BLU-Escent**  
Laser

**HDR**  
1000 System Range

**HDR10+**

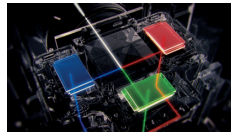
**FILMMAKER MODE**

**3D**

## Gen3, Native 4K D-ILA Device

The third-generation 0.69-inch native 4K D-ILA device offers the native contrast ratio of 150,000:1. Also, improvements in the manufacturing process resulted in improved screen uniformity for enhanced image quality.

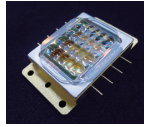
## 4K D-ILA



## 2,700lm BLU-Escent Laser

JVC's original BLU-Escent Laser light source has been optimized to achieve exceptional peak brightness of 2,700 lumens with longevity of 20,000 hours. Housed in a compact casing, the laser light engine provides higher output, greater efficiency, and quieter operation, making it an excellent solution for demanding home theater installations.

## BLU-Escent Laser



## Pixel Perfect 8K Out with 8K/e-shiftX

Whether the source is 4K or 8K, the latest Gen2 8K/e-shiftX high-resolution display technology doubles the resolution by shifting a pixel by 0.5 pixels in four directions to deliver pixel perfect 8K resolution.



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

## All-glass, All-aluminum Lens System

The 65 mm lens system with 17-element, 15-group all-glass lens projects high-resolution images to every corner of the screen, while securing wide shift ranges of 80% vertically and 34% horizontally to enable faithful reproduction of distortion-free 8K images.



## Optional Accessories

**VX-UH150LC**  
HDMI cable



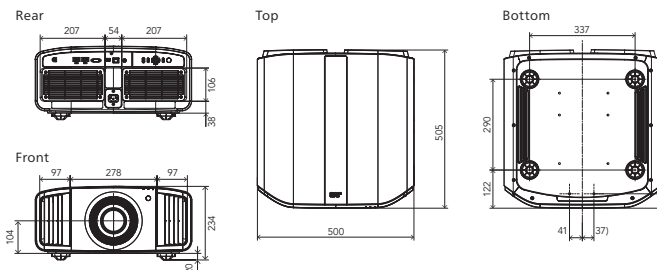
**PK-AG3**  
RF 3D Glasses  
Battery-operated



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



## External Dimensions/Unit: mm



Copyright © 2024, JVCケンウッド株式会社. All Rights Reserved.

## Gen2 Frame Adapt HDR offers Deeper Blacks and More

The 2nd generation Frame Adapt HDR function instantaneously analyzes the different peak brightness per scene or per frame for HDR10 content and performs real-time tone mapping for optimized brightness, color and details. When combined with each of the following modes including the new Deep Black Tone Control, the projector detects and analyzes data contained in HDR sources to project the best of what each source has to offer:



Original Image



Frame Adapt HDR  
(Conventional)



Gen2 Frame Adapt HDR

- **Deep Black Tone Control** subdues tones in dark areas for more realistic darkness,
- **DML (Display Mastering Luminance)** adjusts/sets the dynamic range to match the image for a much better HDR experience, and
- **FILMMAKER MODE™** recreates picture quality that is faithful to the original master.



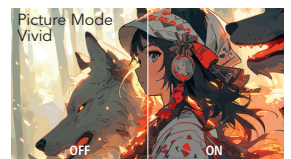
Deep Black  
Tone Control

OFF

ON

## Picture Mode "Vivid"

Made to reproduce SDR content with a narrow dynamic range in more saturated colors with greater vividness, the Vivid mode is excellent for SDR animated works and gaming CGs.



Picture Mode  
Vivid

OFF

ON

## Dual 48Gbps HDMI Inputs – 8K/60p and 4K/120p

Full 8K input is enabled with 48Gbps 8K/60p HDMI input with HDCP 2.3. Also, 4K120p input that is used with Low Latency Mode is excellent for high frame-rate gaming platforms.



For more information, scan/click on the QR code to access:

Official Website of the new D-ILA projectors



Screen adjustment mode table



## Specifications

GENERAL		DLA-NZ800
Device	3rd Generation 0.69-inch Native 4K D-ILA Device (4096 x 2160) x3	
Display Resolution	8192 x 4320 (Gen2 8K/e-shiftX)	
Lens	x2 motorized zoom & focus, all-glass lens, 65 mm diameter	
Lens Shift	Vertical: ±80%, Horizontal: ±34% (motorized in 16:9 aspect ratio)	
Projection Display Size	60 inch – 200 inch diagonal	
Light Source	BLU-Escent Laser Diode	
Brightness	2,700 lm	
Contrast Ratio	Native: 100,000:1, Dynamic: ∞:1	
Cinema Filter (Color Gamut)	DCI-P3	
Input Terminal	HDMI	2 (48 Gbps/HDCP 2.3, no support for CEC)
Output Terminal	TRIGGER	1 (Mini Jack, DC 12 V/100 mA)
	3D SYNCHRO	1 (Mini-Din 3-pin)
Control Terminal	RS-232C	1 (D-sub-9pin)
	LAN	1 (RJ45)
Service Terminal	SERVICE	1 (USB Type A) for firmware update and backing up settings
Power Consumption	440W (Network standby: 1.5W, Eco-mode standby: 0.3W)	
Fan Noise	24 dB (LD power at minimum)	
Power Requirement	AC 100-240V, 50/60Hz	
Dimensions (W x H x D, including feet)	500 mm x 234 mm x 505 mm	
Weight (net)	23.1 kg	

• Design and specifications are subject to change without notice. • Values are typical. Depends on the projector setting conditions and usage environment. • All pictures in this brochure are simulated. • D-ILA and e-shift are registered trademarks of JVCケンウッド株式会社. • BLU-Escent Laser is a trademark of JVCケンウッド株式会社. • FILMMAKER MODE™ logo and its trade name are registered trademarks of UHD Alliance, Inc. in the US and other countries. • HDR10+™ logo is a trademark of HDR10+ Technologies, LLC. • YouTube™ is a trademark or registered trademark of Google LLC. • ISF is a registered trademark of Imaging Science Foundation, Inc. • The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. • All other brand or product names may be trademarks and/or registered trademarks of their respective owners. • Any rights not expressly granted herein are reserved.



DISTRIBUTED BY

<https://eu.jvc.com/>  
<http://www.jvc.net/>