JVC

DLA-NZ800

8K Home Theater Projector



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, Deeper Blacks, DML and more to get the most out of HDR content. For stunning home theater projection, give the DLA-NZ800 a closer look.

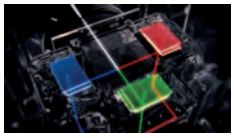
KEY FEATURES

- 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 function 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
- 3-year Warranty with first year advanced replacement

Procision BLU-Escent Laser HDR HDR10+ FILMMAKER MODE 3D

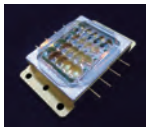
Gen3, Native 4K D-ILA Device

The third-generation 0.69-inch native 4K D-ILA device offers the native contrast ratio of 100,000:1. Also, improvements in the manufacturing process resulted in improved screen uniformity for enhanced image quality.



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.



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 uses a 240Hz driver with 4-way, multi-axis shift to flash the screen four times 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.

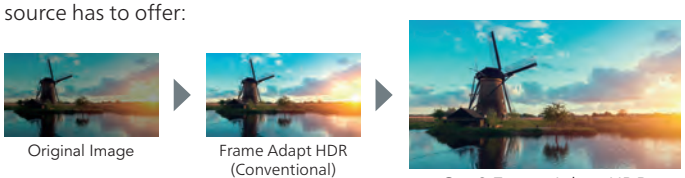
All-glass, All-aluminum Lens System

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.

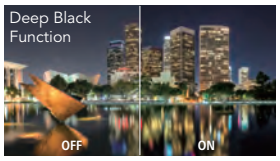


Gen2 Frame Adapt HDR offers Deeper Blacks and More

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 function, the projector detects and analyzes data contained in HDR sources to project the best of what each source has to offer:

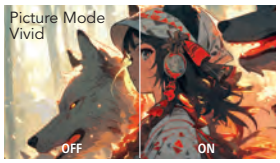


- **Deep Black function** subdues tones in dark areas for more realistic darkness,
- **DML (Display Mastering Luminance)** adjusts/sets the dynamic range to match the image for a much better HDR experience, and
- **FILMMAKER MODE™** recreates picture quality that is faithful to the original master.



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.



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

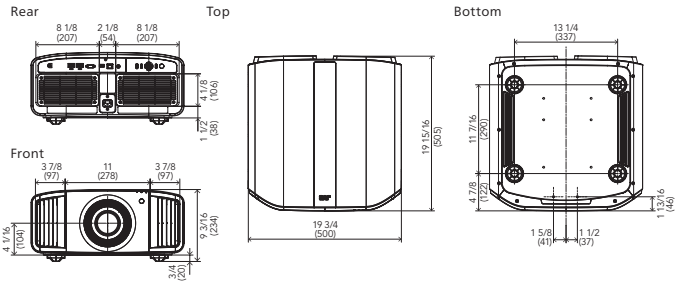
Full 8K input is enabled with 48Gbps 8K/60p HDMI input with HDCP 2.3. Also, 4K120p input that is used with Low Latency Mode is excellent for high frame-rate gaming platforms.

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

Official Website of the new D-ILA projectors

Screen adjustment mode table

External Dimensions/Unit: inches (mm)



Optional Accessory

PK-EM2
RF 3D Synchro Emitter



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)		19.66 in x 9.21 in x 19.88 in / 500 mm x 234 mm x 505 mm
Weight (net)		50.9 lb / 23.1 kg

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