

The DLA-NZ9 D-ILA projector is the world first* theater model to feature 8K/60p/4K120p input. It is equipped with a new 8K/e-shiftX proprietary technology to reproduce 8K-quality images. The projector is driven by three native 4K D-ILA devices, high-quality 100 mm glass lens, and Ultra-High Brightness of 3,000 lumens. The BLU-Escent laser diode light source also contributes to project images that come close to reality. Compatible with the latest HDR10+, the projector boasts industry leading HDR performance. 8K,Laser, and HDR are the keywords that describe JVCs DLA-NZ9. *As a home theatre projector, as of September 2021; according to a research by JVCKENWOOD.



Newly developed 8K/e-shiftX technology reproduces 8K image quality

New 0.69-inch 4K D-ILA (4096 x 2160) device x 3

BLU-Escent Laser Light Source

High brightness of 3,000 lm provides vibrant and dynamic images

18-element, 16-group all-glass 100mm diameter high-quality lens

Native Contrast Ratio of 100,000:1 translates to a spectacular Dynamic Contrast Ratio of ∞ :1

2x HDMI (48 Gbps, HDCP 2.3) inputs, supporting 8K60P and 4K120P input signals

HDR10+ contains the metadata of the producer's intentions for each scene, and with such data, the projector is able to automatically reproduce images as the creator intended.

Frame Adapt HDR* dynamically tone maps any HDR10 content frame-by-frame or scene-by-scene and automatically performs adjustment to achieve optimal images close to reality as seen by human eyes. As a part the Frame Adapt HDR, the projector offers improved gamma processing accuracy from 12- to 18-bit equivalent to reproduce smoother and finer gradation

New Theater Optimizer** function, which works in Frame Adapt HDR mode, offers optimum HDR images by analyzing usage environments using the screen size and gain information and intelligently adjusts tone mapping.

Auto Tone Mapping function automatically adjusts settings for optimum HDR10 image quality

For easy reproduction, the projector switches automatically to HDR picture mode when HDR10 signals are received

Nine settings of Installation Mode include Lens Control, Pixel Adjustment, Mask, Anamorphic on or off, Screen Adjust, Installation Style, Keystone, Pincushion, and Aspect; stored installation modes for various environments can be called up.

Wide Colour Gamut above exceeds DCI/P3 spec creating saturated, beautiful images that come to life

Low Latency Mode suppresses display delay for faster response when receiving signals from PC and game consoles

| DLA-NZ9 | |
|---|---|
| General Editing Note | |
| General Note: | Simulated pictures. The values for weight and dimensions are approximate. E.&O.E. Design and specifications subject to change without notice. |
| Device | |
| D-ILA Technology | Yes |
| Chip Type | 0.69-inch 4K D-ILA device |
| Native Resolution | 4096 x 2160 |
| Number Of Chips | 3 |
| 8K/e-shiftX | Yes |
| Display Resolution | 8192 x 4320 |
| Light Source | |
| Laser | Yes |
| Type | BLU-Escnt Laser Diode |
| Life Time (Standard Mode) | 20000 hours |
| Picture | |
| Brightness | 3000 lm |
| Dynamic Contrast | ∞ : 1 |
| Native Contrast | 100000 : 1 |
| Dynamic Light Power control | Yes |
| Modes | Mode 1 (gentle), Mode 2 (strong), Off |
| Manual Aperture | Yes |
| Range | -15 (stops down) to 0 (opens up) |
| DCI-P3 Color Gamut | Yes |
| 100% REC 709 | Yes |
| Color Bit Depth | 12 bit |
| TSFccc Certification | Yes |
| HDR | |
| HDR10 | Yes |
| HDR10+ | Yes |
| Frame Adapt HDR | Yes |
| Theatre Optimizer | Yes |
| HLG | Yes |
| Auto Tone Mapping | Yes |
| Mastering Info Display | Yes |
| Info data | MaxCLL and MaxFALL mastering data |
| HDR Picture Modes | BT.709 / BT.2020 / DCI / HDR |
| Lens | |
| Zoom | 2 x |
| Throw Ratio | 1.35-2.75:1 |
| Diameter | 100 mm |
| Material | All-glass |
| Build | 18-element, 16-group in full aluminium lens barrel. |
| Lens Shift | Yes |
| Range Horizontal | ± 43 % |
| Range Vertical | ± 100 % |
| Motorized Zoom | Yes |
| Motorized Shift | Yes |
| Motorized Focus | Yes |
| Projection Display size (diagonal) | 60 - 300 inch |

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|------------------------------------|---|
| Memory Function | Yes |
| Number of user presets | 10 |
| Lens Cover | Yes |
| HDMI | |
| Number of connections | 2 |
| Data Rate | 48 Gbps |
| HDCP Version | 2.3 |
| 8K60P signal input | Yes |
| 4K120p signal input | Yes |
| 4K60P signal input | Yes |
| Video Signal range | 480p, 576p, 720p 60/50, 1080i 60/ 50, 1080p 120/ 100/ 60/ 50/ 30/ 25/ 24, 3840 x 2160p 120/ 100/ 60/ 50/ 30/ 25/ 24, 4096 x 2160p 120/ 100/ 60/ 50/ 30/ 25/ 24, 7680 x 4320p 60/ 50/ 30/ 25/ 24 |
| PC Signal range | VGA / SVGA / XGA / WXGA / WXGA+ / SXGA / WSXGA+ / UXGA / WUXGA / WQHD (60) / WQHD (120) |
| Input Level Adjustment | Auto / Standard (16-235) / Enhanced (0-255) / Super White (16-255) |
| Color Space Range | Auto/ YCbCr4444 / YCbCr422 / RGB |
| EDID Modes | A and B (older hardware may need to use B settings) |
| Connections | |
| Trigger out | Yes |
| Connector | Mini-Jack (3.5mm) |
| Power | DC 12V / 100mA |
| 3D Synchro | Yes |
| Connector | Mini DIN 3-pin |
| LAN | Yes |
| Connector | RJ45 |
| RS-232 | Yes |
| Connector | D-sub 9-pin |
| Service | Yes |
| Connector | USB (Type A) for firmware update. |
| 3D | |
| 3D Capability | Yes |
| 3D Versions | Frame Packing, Side-by-Side, Top & Bottom |
| Frame Packing Resolutions | 720p 60/50, 1080p 24 |
| Side-by-Side Resolutions | 720p 60/50, 1080p 60/50/24, 1080i 60/50 |
| Top & Bottom Resolution | 720p 60/50, 1080p/24 |
| 3D Emitter (Optional) | Yes, PK-EM2 |
| 3D Glasses (Optional) | Yes, PK-AG3 |
| Picture Settings | |
| Picture Modes | Natural, Cinema, Film, HDR10+, Frame Adapt HDR, HDR10, HLG, Pan_PQ_5 User modes |
| Color Temperatures | Xenon 1, Xenon 2, 5500K, 6500K, 7500K, 9300K, High Bright, HDR10+, HDR10, HLG, Custom 1, Custom 2 |
| Gamma Processing Depth | 12 bit |
| Gamma Adjust | HDR (Auto), HDR(PQ), HDR(HLG), 2.2, 2.4, 2.6, Cinema 1, Cinema 2, Film 1, Film 2, Pana_PQ_3 Custom modes |
| Color Management | 6-Axis adjustable CMS |
| MPC | Yes |
| Low Latency Mode | Yes |
| Clear Motion Drive | Yes |
| Motion Enhance | Yes |
| Auto Calibration | Yes |
| Optional Probe needed | Yes |
| Installation Mode | Yes |
| Number of presets | 10 |

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| Included settings | Lens Control, Pixel Adjustment, Mask, Anamorphic on or off, Screen Adjust, Installation Style, Keystone, Pincushion, and Aspect |
| Anamorphic Modes | 4 Modes (A, B, C, D) |
| Control4 SDDP | Yes |
| Power & Environment | |
| Power Requirement | AC100-240V, 50/60Hz |
| Projector in Use | 440W |
| Standby | Eco Mode 0.20W |
| Network Standby | 1.21W (LAN), 0.94W (RS-232C), 1.22W (LAN + RS232C) |
| Switchover time | Approx. 15 min. (To standby or networked standby; default) |
| Fan Noise | 24 dB |
| Eco Mode | Yes |
| Standby Timer | Yes |
| Operating Temperature | 5°C to 35°C |
| Operating Humidity | 20% to 80% |
| Installation Angle | Horizontal +/- 5 degree / Vertical +/- 10 degree |
| Installation Height | Below 2,000 m |
| Dimensions & Weight | |
| Product Dimensions (WxHxD) | 500 x 234 x 528 (mm) |
| Product Weight | 25,3 Kg |
| Package Dimensions (WxHxD) | 640 x 415 x 665 (mm) |
| Package Weight | 30,7 Kg |
| In the box | |
| Remote Control | Yes, RM-MH27 |
| User Manual | Yes |
| Power Cord | Yes |
| Batteries | Yes, 2 x AAA-size batteries |