



## D-ILA 4K BLU-Escent Laser 2700 Lumen Home Theater Projector

DLA-NZ800

SKU: 157311

The 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.

### 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
- 01-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

Device D-ILA Technology Yes Chip Type 3rd Generation 0.69-inch 4K D-ILA device Native Resolution 4096 x 2160 Number Of Chips 38K/e-shiftX Yes Display Resolution 8192 x 4320 Light Source Laser Yes Type BLU-Escent Laser Diode Life Time (Standard Mode) 20000 hours Picture Brightness 2700 lm Dynamic Contrast 100000 : 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 ISFccc Certification Yes HDR HDR10 Yes HDR10+ Yes Frame Adapt HDR Yes Theater 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 1.43-2.92:1 Diameter 65 mm Material All-glass Build 17-element, 15-group in full aluminium lens barrel. Lens Shift Yes Range Horizontal ± 34 % Range Vertical ± 80 % Motorized Zoom Yes Motorized Shift Yes Motorized Focus Yes Projection Display size (diagonal) 60 - 200 inch Memory Function Yes Number of user presets 10 Lens Cover Yes HDMI HDMI Yes Number of Inputs 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 / YCbCr444 / 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 or backup 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, Vivid, HDR10+, Frame Adapt HDR, HDR10, HLG, Pan\_PQ, 6 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 Filmmaker Mode Yes Low Latency Mode Yes Clear Motion Drive Yes Motion Enhance Yes Auto Calibration Yes Optional Probe needed Yes Installation Mode Yes Number of modes 8 Included settings Lens Control, Pixel Adjustment, Mask, Anamorphic on or off, Screen Adjust, Installation Style, Keystone, and Aspect Anamorphic Modes 4 Modes (A, B, C, D) Control 4 SDDP Yes Power & Environment Power Requirement AC 100-240V, 50/60Hz Projector in Use 440W Standby Eco-mode: 0.3W Network Standby 1.5W (LAN) Fan Noise 24 dBEco 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 mIn the box Remote Control Yes, RM-MH27 User Manual Yes Power Cord Yes Batteries Yes, 2 x AAA-size batteries Dimensions & Weight Product Dimensions (WxHxD) 19-11/16 x 9-7/32 x 19-29/32 (inch) Product Weight 50.8 Lb 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.