



## D-ILA 4K 1900 Lumen Home Theater Projector

DLA-NP5

SKU: 142820

D-ILA projectors continue to evolve for the better. The latest three models feature an original native 0.69" 4K D-ILA devices, which were first adopted on model DLA-Z1; this device has been improved with process refinements on planarization and reflection efficiency to achieve higher contrast and brightness. Additionally, a dedicated driver LSI was also enhanced to simultaneously drive each of the three (R/G/B) native 4K D-ILA devices at high-speed 120fps. As a result, precise and smooth image projection unique to 4K native can be achieved with the combination of a new device and new driver LSI.

### Features

- 4K Native Resolution
- Refined 0.69" native 4K D-ILA
- 40,000:1 native contrast
- Lamp 1,900-lumen
- HDR10/HDR10+
- HLG with Frame Adapt HDR Generation 2
- FILMMAKER MODE
- Lens Shift Functionality
- Clear Motion Drive supporting 4K60P (4:4:4) signal improves moving images more than ever
- Colour Management System with 6-axis Matrix
- Eight settings of Installation Mode include Lens Control, Pixel Adjustment, Mask, Anamorphic on or off, Screen Adjust, Installation Style, Keystone, and Aspect; stored installation modes for various environments can be called up.
- ISF C3 (Certified Calibration Controls) mode to reproduce excellent picture quality optimized for specific environments.
- Auto-Calibration Function using an optical sensor.
- Wireless transmission options for 3D viewing

D-ILA Technology	Yes
Chip Type	0.69-inch 4K D-ILA device
Native Resolution	4096 x 2160
Number Of Chips	3
Display Resolution	4096 x 2160
Type	Lamp
Lamp Power	265 watt
Life Time (Low Mode)	4500 hours
Brightness	1900 lm
Dynamic Contrast	400000 : 1
Native Contrast	40000 : 1
Manual Light Power control	Yes
Dynamic Aperture	Yes
Manual Aperture	Yes



Range	-15 (stops down) to 0 (opens up)
100% REC 709	Yes
Color Bit Depth	12 bit
ISFccc Certification	Yes
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
Zoom	2 x
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	Yes
Number of Inputs	2
Data Rate	48 Gbps
HDCP Version	2.3
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
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, B and C
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 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 Modes	Natural, Cinema, Film, 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	18 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
Software	JVC Autocalibration software via web download
Optional Probe needed	Yes, Please check the appropriate probes when downloading the calibration software
Installation Mode	Yes
Number of modes	10
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)
Control4 SDDP	Yes
Power Requirement	AC100-240V, 50/60Hz
Power Consumption	420W
Projector in Use	420W
Standby	Eco-mode: 0.3W
Network Standby	1.5W (LAN)
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
Remote Control	Yes, RM-MH27
User Manual	Yes
Power Cord	Yes
Batteries	Yes, 2 x AAA-size batteries
Product Dimensions (WxHxD)	19-11/16" x 9-7/32" x 19-1/2"
Product Weight	42.3 Lb