

# JVC

D-ILA PROJECTOR  
DLA-N7B  
DLA-V5B/W

4K D-ILA® HDR  
High Dynamic Range



## GO FURTHER, BE THE FIRST

### Main Features:

- World's smallest 0.69inch D-ILA devices
- 17-element, 15-group all-glass 65mm diameter high quality lens
- High brightness 1,900lm<sup>\*1\*2</sup> means bright, high resolution images
- Deep Blacks are realized by a Native Contrast Ratio of 80,000:1 (Dynamic Contrast Ratio 800,000:1<sup>\*1\*2</sup>)
- Wide Color Gamut above DCI P3 create vivid, beautiful images that come to life<sup>\*1</sup>
- Compatible with HDR, technology which dramatically improves picture quality to near real life
- Auto Tone Mapping function automatically adjusts settings for optimum HDR10 image quality

<sup>\*1</sup> For DLA-N7B

<sup>\*2</sup> DLA-N5B/W is 1,800lm, Dynamic Contrast 400,000:1 / Native Contrast 40,000:1

Design and specifications are subject to change without notice

## ◆World's smallest\* Native 4K D-ILA Device

The 0.69 inch native 4K D-ILA device with 3.8 $\mu$ m pixel pitch achieves high definition display of about 8.8 million pixels (4096 x 2160 pixels) exceeding 4 times the Full HD resolution. High contrast is realized by original vertical orientation technology and a planarization technique which reduces light scattering and light diffraction realizing high native contrast ratio. The narrow pitch realize unique Native4K imagery with smooth, detailed picture without visible pixel structure even on large screens.

\*For Projectors' native 4K device, JVC investigation as of September 2018



# 4K D-ILA®

## ◆HDR compatibility with New Auto Tone Mapping function

Compatible with HDR 10 for contents like UHD Blu-ray and HLG (Hybrid Log-Gamma) adopted in broadcasting. Also equipped with a new function "Auto Tone Mapping" that automatically adjust setting based on mastering information included in HDR content. Different HDR images can be viewed optimally for each content.



## ◆Other Features

- Equipped with "Installation Mode" function that saves up to 10 kinds of installation settings such as lens- memory, pixel adjustment, screen mask etc. all together
- Supports full spec 4K video input compatible with 18 Gbps transmission band

## [Specification]

	DLA-N7B	DLA-N5B/W
Display Device	0.69 inch D-ILA device (4,096 x 2,160) x 3	
Display resolution	4,096 x 2,160	
Light Source Lamp	NSH 265W	
Lens	x2 Motorized Zoom & Focus	
Lens Shift	Vertical $\pm$ 80%, Horizontal $\pm$ 34%(motorized) when projection aspect ratio is 16:9	
Brightness	1,900lm	1,800lm
Contrast	Dynamic	800,000:1
	Native	80,000:1
DCI P3 Full Coverage	Yes	-
HDMI Terminal	2(18Gbps/3D/DeepColor/HDCP2.2対応)	
Blur Reduction (C.M.D)	Yes (4K compatible)	
HDR	Yes (HDR10/HLG)	
isf	Yes	
USB Firm update	Yes	
Power	AC100-240V 50/60HZ	
Power Consumption	400W (1.5W during regular standby; 0.3W during eco-mode standby)	
External Dimensions	W: 500mm x H: 234mm x D:495mm (including foot)	
Weight	19.8kg	19.8kg

## [Throw Ratio]

Screen Size (Inch)	4096 x 2160 (17:9)		3840 x 2160 (16:9)	
	Wide (mm)	Tele (mm)	Wide (mm)	Tele (mm)
60	1787	3664	1880	3853
90	2703	5518	2843	5802
100	3008	6136	3164	6451
110	3314	6754	3486	7101
120	3619	7371	3807	7750
130	3925	7989	4128	8400
150	4536	9225	4770	9699
200	6063	12315	6375	12946

## [Options]

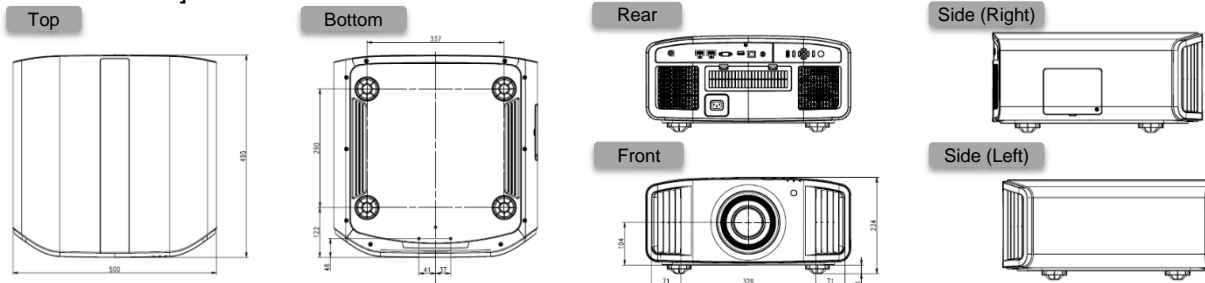
**PK-AG3** RF method 3D Glasses

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

**PK-L2618U** User-replaceable Lamp

Not suitable for household room illumination

## [External Dimensions] unit: mm



• D-ILA is a registered trademark of JVC KENWOOD Corporation. • The projector is equipped with an ultra-high pressure mercury lamp, which may break, emitting a loud noise, when it is subjected to shock or after it has been used for some length of time. • Please note that, depending on how the projector is used, there can be considerable difference between individual lamps regarding how many hours they will operate before requiring replacement. • An additional payment is required for installation of a new lamp, if necessary. • The projector lamp requires periodic replacement and is not covered by warranty. • Please be aware, because the D-ILA device is manufactured using highly advanced technologies, 0.01% or fewer of the pixels may be non-performing (always on or off).

Design and specifications are subject to change without notice. All pictures on this brochure are simulated. Adobe is a trademark or registered trademark of Adobe Systems Incorporated in the U.S. and/or other countries. ISF is a registered trademark of Imaging Science Foundation, Inc. THX and THX logo are trademarks of THX Ltd., which may be registered in some jurisdictions. HDMI, the HDMI logo and High-Definition Multimedia Interface are registered trademarks of HDMI Licensing LLC. 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.

Copyright © 2013, JVC KENWOOD Corporation. All Rights Reserved.



DISTRIBUTED BY

www.jvc.com