

**JVC**

D-ILA Projectors

DLA-RS3000/DLA-RS2000/DLA-RS1000


**8K**  
e-shift

**4K D-ILA** 



GO FURTHER, BE THE FIRST





After 20 years of progress, the D-ILA projector evolves from 4K to 8K with JVC's e-shift technology.

It all started in 1997. For two decades, we have dedicated ourselves to perfecting the D-ILA devices and technologies resulting in the finest D-ILA projectors of our time.

D-ILA projectors that project realistic images with their overwhelmingly high native contrast, high resolution and wide colour gamut have gained support from projection and video enthusiasts and received many prestigious awards.

Always looking ahead, in 2018 we succeeded in the development of a refined 4K native device.

What's more, combining the latest 4K native device and exclusive e-shift technology, the world's first 8K/e-shift home theatre projector is now here and ready to immerse your senses.

A new challenge for the 21st year. At JVCKENWOOD we will continue to pursue the possibilities of D-ILA projection.



2004



2005



2007



2008



2009



2016

1997 Developed the first D-ILA device





**8K**  
**e-shift**

New series



# Combination of Technologies that Realize 4K Native and 8K/e-shift Projection

# 8K e-shift

## ■ 8K Home Theatre Projection Achieved by Combining Native 4K and “e-shift” Technology



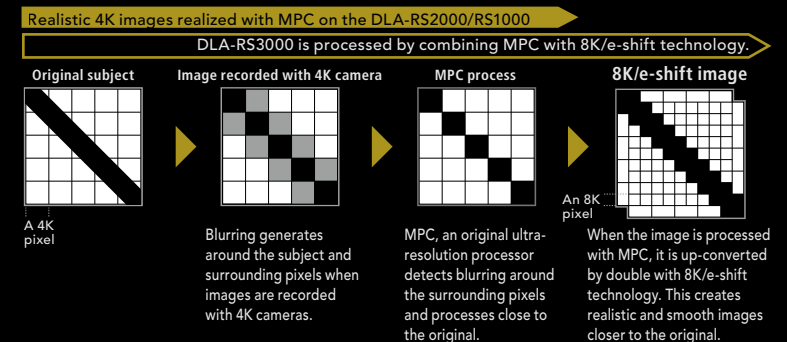
“e-shift” is JVC’s proprietary high-resolution display technology that shifts a pixel by 0.5 pixels vertically and horizontally to achieve 4 times the pixel density of the original content. Ahead of the competition, JVCKENWOOD developed the 4K/e-shift technology in 2011. Ever since, this technology has evolved and received a favourable response for its high resolution near native 4K using the FHD device.

The 8K/e-shift technology adopted for the DLA-RS3000 combines the “e-shift” technology with another proprietary technology, Multi Pixel Control, to convert Full HD and 4K-resolution images into 8K-equivalent resolution (8192 horizontal by 4320 vertical). The result is an eye-opening, high-definition display that is very close to the original subject\*<sup>1</sup>.

\*1: The projector does not support 8K signal input.

## ■ Multiple Pixel Control & 8K/e-shift Processing

All D-ILA projectors feature original high-performance image processing technology, Multiple Pixel Control (MPC) that detects blurring generated from images taken with 4K cameras. Through analysing and correcting with an original algorithm, the MPC is an image processing technology capable of accurate reproduction closer to the original. Compared to conventional band processing, MPC achieves the utter reality of 4K quality by detecting and processing images in a higher frequency range to achieve exceptional presence and bokeh – creating almost 3D feeling. On the high-end model DLA-RS3000, the image processed with MPC is up-converted using 8K/e-shift technology to double the image information for displaying more realistic and smooth images closer to the original.

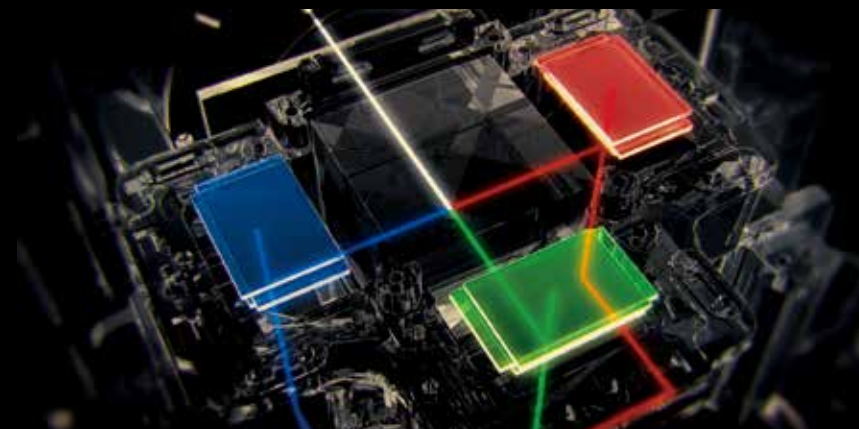




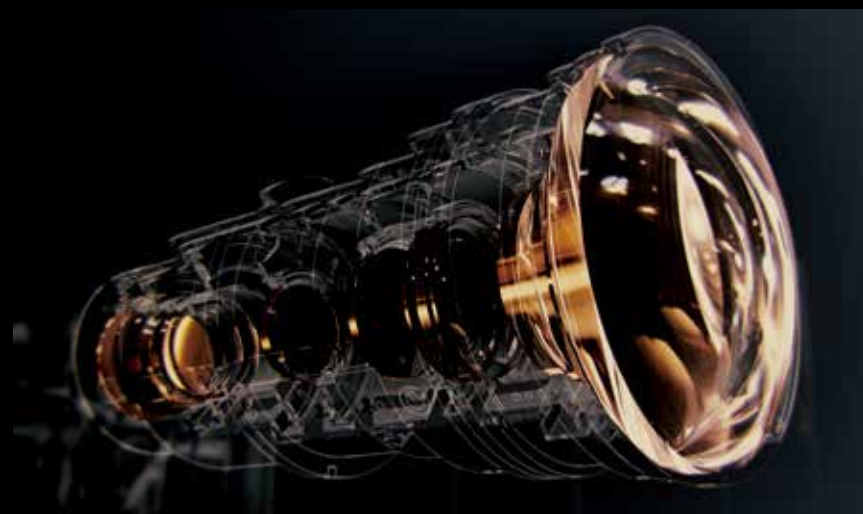
# D-ILA® 4K

## ■ Equipped with refined 0.69" native 4K D-ILA device and newly developed digital driver LSI for native 4K device

D-ILA projectors continue to evolve for the better. And, the projection device is at the heart of the projector. The latest three models feature an original native 0.69" 4K D-ILA device, which was first adopted on model DLA-RS4500 (released in December 2016); 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. This ultra high-speed driving is enabled by adopting the latest high bandwidth memory (HBM) technology and uses a silicon interposer to process a large amount of data instantaneously. Furthermore, stable high-quality image projection can be achieved by equipping the new driver LSI with an original frame rate converter and various device correction functions. 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.



## ■ 18-element 16-group all-glass 100mm diameter large-calibre high-resolution lens with full aluminium lens barrel



The DLA-RS3000 is equipped with an 18-element, 16-group all-glass lens featuring a full aluminium lens barrel. In order to project high-resolution images to every corner of the screen with the 100mm diameter lens offering wide lens shift of  $\pm 100\%$  vertically and  $\pm 43\%$  horizontally, the projector adopts five ED lenses that take into account differences in the R/G/B refractive index to reduce chromatic aberration and colour fringing when lens shift kicks in to deliver precise reproduction of 8K-resolution projection.

The DLA-RS2000 and DLA-RS1000 models feature a 17-element, 15-group All-Glass lens with 65mm diameter to project fully focused 4K native resolution to all corners of the screen.

DLA-RS 3000



DLA-RS 2000/1000





# The Power to Project HDR Images Brighter, Higher Contrast, and Wider Gamut

## Bright

High-quality, Clear Picture  
with Brightness



Maximum brightness of 2,200 lm<sup>\*2</sup> can be achieved by combining a 265 W ultra high-pressure mercury lamp and a highly efficient optical engine. Also, combining with the D-ILA device that features a narrow gap between pixels for optimum use of light, a powerful yet finely detailed and smooth image projection can be achieved.

<sup>\*2</sup>: Achieved on the DLA-RS3000. 1,900 lm for the DLA-RS2000 and 1,800 lm for the DLA-RS1000.

## High Contrast

Realizing Images Full of Presence  
with D-ILA's High Contrast



JVC's original D-ILA device combined with an optical engine equipped with a wire grid results in a high native contrast ratio of 100,000:1<sup>\*3</sup>. Input signals are analysed with an original algorithm that is combined with Intelligent Lens Aperture, which automatically controls the black level of the image to achieve a dynamic contrast ratio of 1,000,000:1<sup>\*3</sup>. The synergetic effect based on the dynamic range stemming from high-brightness, delivers sensational 4K video full of reality.

<sup>\*3</sup>: Figures for the DLA-RS3000. The DLA-RS2000 offers 80,000:1 native contrast ratio and 800,000:1 dynamic contrast ratio; the DLA-RS1000 offers 40,000:1 native contrast ratio and 400,000:1 dynamic contrast ratio.

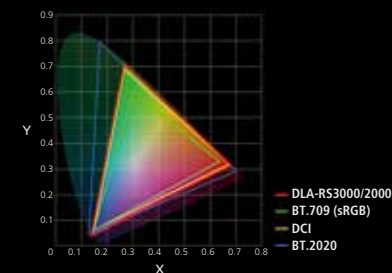
## Wide Gamut

Reproduction of Vivid Images  
through a Wide Range of Colours



By using a new cinema filter, the projector achieves not only 100% coverage of the BT.709 but also coverage beyond the DCI-P3<sup>\*4</sup> display range used in film production. HDR content found on media such as UHD Blu-ray Discs adopts a much wider colour gamut compared to conventional content. Three new D-ILA projectors that feature wide gamut allow for more accurate reproduction of the natural gradations in images of the sky and the sea, as well as differences in the colour contrast between subjects such as flowers of a deep crimson or rose colour, or the different shades of green on tree leaves, which presented difficulties in the past.

<sup>\*4</sup>: DCI-P3 coverage is featured on the DLA-RS3000 and DLA-RS2000.





## Support for HDR (High Dynamic Range)



HDR (high dynamic range) content contains more data including an extended brightness range, 10-bit gradation and a wide BT.2020 colour gamut. For this reason, high basic performance is required for precise reproduction by the projector. With D-ILA projectors, HDR content are optimally reproduced with “high-brightness, high contrast, and wide gamut” to enjoy high quality HDR content as you’ve never experienced in the past. Moreover, in addition to HDR10 content, which is found on UHD Blu-ray Discs, the projector automatically detects the Hybrid Log-Gamma (HLG) signal, a technology used widely in broadcasting, allowing the user to view in an optimum picture mode.

Displaying content info such as Max CLL or Mac FALL when reproducing HDR10

|                  |                 |                                    |
|------------------|-----------------|------------------------------------|
| Input            | HDMI 1          | Colour gamut information           |
| Source           | 2160p 60        |                                    |
| Color Space      | YUV 12Bit       | HDR gamma information              |
| Colorimetry      | BT.2020         |                                    |
| HDR              | HDR10(ST.2084)  | Max CLL/FALL mastering information |
| Max CLL/Max FALL | 1000 / 400 nits |                                    |
| Lamp Time        | 20 H            |                                    |
| Soft Ver.        | v1.00           |                                    |

## Automatic Adjustment with Auto Tone Mapping<sup>\*5</sup>

The Auto Tone Mapping function featured on the latest models automatically adjusts each content based on the values in the mastering data, such as Max CLL and Max FALL<sup>\*6</sup>, which indicate the brightness of the HDR content. Image quality is automatically adjusted for optimal viewing of various HDR images with different brightness.

<sup>\*5</sup>: Content without mastering info is set at fixed level or can be adjusted manually.

<sup>\*6</sup>: Max CLL (stands for Maximum Content Light Level); Max FALL (stands for Maximum Frame Average Light Level)



Auto Tone Mapping function screen display



# Functional Beauty to Clearly Project Images Boasted by D-ILA

## ■ Stately Form that Matches the New Generation Model

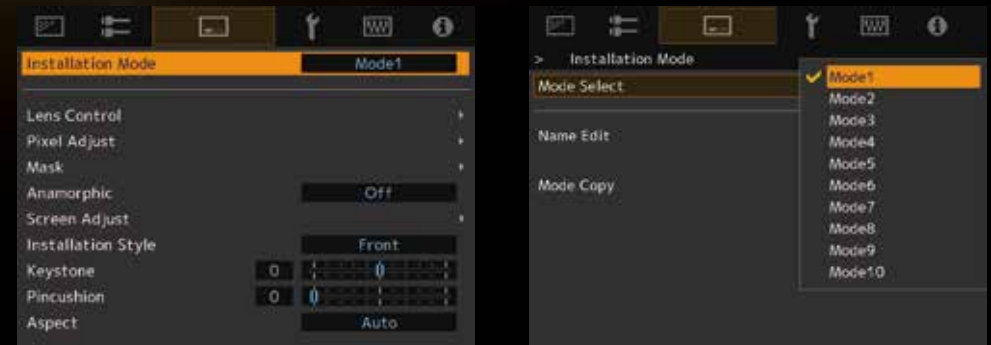
Adopting the legendary centre paneling of the D-ILA projectors, the new form has no decorative lines but only features simplicity for the pursuit its functionality. Symmetrical design centred on the lens that is set in the core conveys a stately form with a sharp impression that fits the new generation models.





## Installation Mode

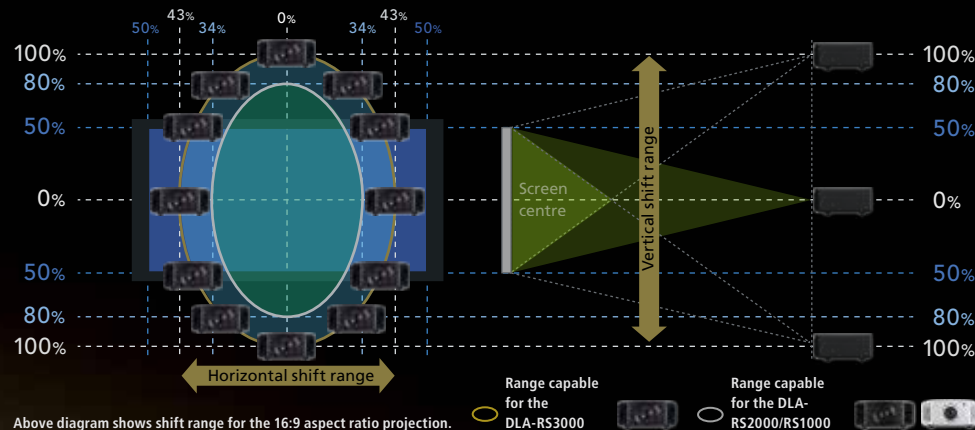
These projectors are equipped with "Installation Mode" that allows users to centrally manage settings related to installation in order to enjoy projected video best suited for each environment. As shown in the graphical interface on the right, nine settings for Lens Control, Pixel Adjustment, Mask, Anamorphic on or off, Screen Adjust, Installation Style, Keystone, Pincushion, and Aspect can be adjusted. Additionally, ten different mode settings can be stored in memory that can be named as desired. Installation modes stored in memory for various environments can be called up immediately.



Installation Mode and Memory graphical interfaces

## Lens Shift

Flexible installation is made possible thanks to the wide lens-shift function. As described in the diagram below, wide shift ranges are offered vertically and horizontally that help to deliver natural projected images without distortion.



## Other Features

### Screen Adjustment Mode

Screen Adjustment Mode is one of the nine Installation Modes described above. When the user selects a setting that best suits the screen being used from the Screen Adjustment Mode settings, the projector adjusts the image with natural colour balance to match the screen. The mode is compatible with the latest models offered by the world's major screen manufacturers\*7.

\*7: Please refer to JVC website for a comparison table of primary screens and adjustment modes

### Digital Keystone and Pincushion Function\*8

The new projectors feature Digital Keystone and Pincushion Function. Digital Keystone adjusts keystone distortion that occurs when the projector is placed in a tilted position; Pincushion Function adjusts to curved screens.

\*8: Digital Keystone and Pincushion Function cannot be used simultaneously.

Keystone adjustment corrects only in the vertical direction.

Pincushion Function may not operate properly when the projector is applied with wide lens shift.

### Anamorphic Mode

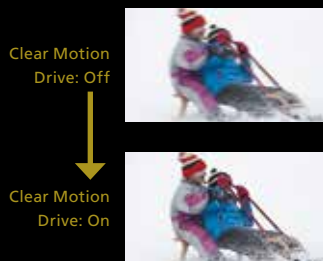
A 2.35:1 aspect ratio for wide cinematic films can be enjoyed by combining the projector with a third-party anamorphic lens to create dynamic picture reproduction just as can be seen in a movie theatre. Additionally, these projectors feature a mode to extend the width to fully match the newly installed 17:9 panel.



# Rich Processing Technologies and Functions Capable of Supporting Various Video Sources

## ■ Exceptional motion image processing achieved with renewed Clear Motion Drive

The interpolation algorithm for JVC's original Clear Motion Drive technology that reduces ghosting has been revamped to improve compensation accuracy in the periphery of intersecting objects. The improved algorithm now refers to more frames to increase precision of motion prediction and also reduces frame latency. Additionally, when Clear Motion Drive is set to "low", it recreates the natural 24fps signal processing adopted on films, while pursuing an effect like de-juddering without a sense of discomfort. Added with Motion Enhance technology that optimally controls the driving performance of D-ILA drives by image characteristics, the projector is capable of reproducing much smoother moving 4K images.



## ■ Low Latency Mode

An increasing number of new generation game consoles capable of outputting high-spec 4K game images are now available, which leads to an increased demand among users who want to play 4K/HDR games on a big screen. D-ILA projectors feature an improved Low Latency Mode that ensures faster response with PC and game console content that require severe timing link between operation and on-screen image.

## ■ Complies with the HDCP 2.2 standards to enable 18Gbps 4K signal input

The projectors are capable of receiving full spec 4K signals including 4K/60P 4:4:4, 4K/60P 4:2:2/36-bit and 4K/24P 4:4:4/36-bit as the units comply with the latest HDMI standard with 18 Gbps transmission band-width compatibility for reproducing more vivid colours with more precise gradation. In order to be compatible with copyright-protected content such as OTT video services and the UHD Blu-ray Discs, the projectors comply with the latest HDMI standard and HDCP 2.2.

## ■ Auto Calibration Function

Using an optical sensor and a proprietary software<sup>\*9</sup>, optimum calibration can be applied in just a few easy steps to match the changes in optical characteristics caused by the installation situation of the projector. Auto-Calibration optimises all essential elements found in the image, including colour balance, gamma characteristics, colour space, and colour tracking.

<sup>\*9</sup>: An optical sensor and proprietary software, which is downloadable from JVC website, are required to perform auto calibration function. Refer to the JVC website for details.



## ■ Industry Certified Projectors—THX 4K Display and ISF Certifications

The high-end DLA-RS3000 is accredited with THX 4K Display, which was established to ensure that the certified projectors will precisely reproduce picture quality in home environments for both 2K and 4K content, "just as the original filmmaker envisioned". Encompassing more than 400 laboratory tests to evaluate a projector's colour accuracy, cross-talk, viewing angles and video processing, this certification helps to guarantee high-definition quality.

Additionally, all models are licensed with the ISF C3 (Certified Calibration Controls) mode, enabling trained dealers to professionally calibrate them to desired screen surfaces, lighting environments and video sources, and then securely store these precise settings into the projector.

## ■ Optional Accessories

### Replacement Lamp PK-L2618U



### RF (radio frequency) 3D Glasses PK-AG3

- Rechargeable, continuous use of up to 100 hours
- Weighs 38 grams
- Features 2D mode
- Usage range of 10 meters (radius from the emitter)
- 170 (W) x 40 (H) x 165 (D) mm

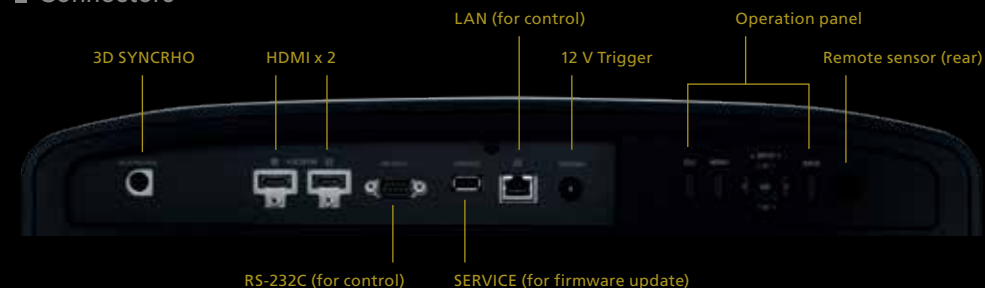


### RF (radio frequency) 3D Synchro Emitter PK-EM2

- Wireless over 10m (connects directly to projector)
- Weighs 20 grams
- 48.9 (W) x 14.5 (H) x 65 (D) mm



## ■ Connectors





■ Main Features

|  |                        | DLA-RS3000           | DLA-RS2000           | DLA-RS1000           |
|--|------------------------|----------------------|----------------------|----------------------|
| HDR  | HDR Support            | • (HDR 10/HLG)       | • (HDR 10/HLG)       | • (HDR 10/HLG)       |
|  | Mastering Info Display | • (Max CLL/Max FALL) | • (Max CLL/Max FALL) | • (Max CLL/Max FALL) |
|  | Auto Tone Mapping      | •                    | •                    | •                    |
| 3D Support                                     |                        | •                    | •                    | •                    |
| MPC  |                        | •                    | •                    | •                    |
| Real Colour Imaging Technology                 |                        | •                    | •                    | –                    |
| Xenon Light Source Colour (Colour temperature) |                        | •                    | •                    | –                    |
| THX 4K Display Certification                   |                        | •                    | –                    | –                    |
| Clear Motion Drive                             |                        | •                    | •                    | •                    |
| Motion Enhance                                 |                        | •                    | •                    | •                    |
| Low Latency Mode                               |                        | •                    | •                    | •                    |
| Auto Calibration                               |                        | •                    | •                    | •                    |
| Installation Mode                              |                        | • (10 memories)      | • (10 memories)      | • (10 memories)      |
| Screen Adjustment Mode                         |                        | • (148 modes)        | • (148 modes)        | • (148 modes)        |

■ Specifications

|                                       |                     | DLA-RS3000   | DLA-RS2000  | DLA-RS1000 |
|---------------------------------------|---------------------|--|---|------------|
| Device                                |                     | 0.69-inch Native 4K D-ILA Device (4096×2160) x3  |   |            |
| 8K/e-shift                            |                     | •  | –   |            |
| Display Resolution                    |                     | 8192 x 4320  | 4096 x 2160   |            |
| Lens                                  |                     | x2 Motorised Zoom & Focus;<br>All-glass Lens with 100mm diameter   | x2 Motorised Zoom & Focus;<br>All-glass Lens with 65 mm diameter      |            |
| Lens Shift                            |                     | ±100% Vertical and ±43% Horizontal<br>(motorised) *In 16:9 aspect ratio mode                                 | ±80% Vertical and ±34% Horizontal<br>(motorised) *In 16:9 aspect mode |            |
| Projection Display Size               |                     | 60 inch - 300 inch (diagonal)  | 60 inch - 200 inch (diagonal)   |            |
| Light Source Lamp                     |                     | NSH 265 W (lamp life: approx. 4,500 hours when the lamp is in Low mode)                                      |   |            |
| Brightness                            |                     | 2,200 lm   | 1,900 lm  | 1,800 lm   |
| Contrast Ratio                        | Dynamic             | 1,000,000:1  | 800,000:1   | 400,000:1  |
|                                       | Native              | 100,000:1  | 80,000:1  | 40,000:1   |
| DCI-P3 Colour Gamut                   |                     | •  | –   |            |
| Input Terminal                        | HDMI                | 2 (3D/Deep Colour/HDCP 2.2)  |   |            |
| Output Terminals                      | TRIGGER             | 1 (Mini Jack, DC12V/100mA)   |   |            |
|                                       | 3D SYNCHRO          | 1 (Mini-Din 3pin)  |   |            |
| Control Terminals                     | RS-232C             | 1 (Dsub 9pin)  |   |            |
|                                       | LAN                 | 1 (RJ-45)  |   |            |
| Service Terminal                      | SERVICE             | 1 (USB Type A) (for firmware update)   |   |            |
| Video Input Signal Format             | Digital             | 480p, 576p, 720p 60/50, 1080i 60/50, 1080p 60/50/24,<br>3840×2160p 60/50/30/25/24, 4096×2160p 60/50/30/25/24 |   |            |
| PC Input Signal Format                | Digital (HDMI)      | VGA/SVGA/XGA/WXGA/WXGA+/SXGA/WSXGA+  |   |            |
| 3D Format                             | Frame Packing       | 720p 60/50, 1080p 24   |   |            |
|                                       | Side-by-Side (half) | 720p 60/50, 1080p 60/50/24, 1080i 60/50  |   |            |
|                                       | Top & Bottom        | 720p 60/50, 1080p 24   |   |            |
| Power Consumption                     |                     | 400 W (Normal standby: 1.5 W, Eco-mode standby: 0.3 W)   |   |            |
| Fan Noise                             |                     | 24 dB (When the lamp is in Low Mode)   |   |            |
| Power Requirement                     |                     | AC100-240 V, 50/60 Hz  |   |            |
| Dimension (W x H x D, including feet) |                     | 500 × 234 × 518 mm   | 500 × 234 × 495 mm  |            |
| Weight (net)                          |                     | 21.8 kg  | 19.8 kg   | 19.6 kg    |

■ Projection Distance Charge

DLA-RS3000

|                        | Display size 3840 × 2160 (16:9) |             |                     |          | Display size Cinematic (2.35:1) |             |                     |          |
|------------------------|---------------------------------|-------------|---------------------|----------|---------------------------------|-------------|---------------------|----------|
|                        | Screen size                     |             | Projection distance |          | Screen size                     |             | Projection distance |          |
|                        | Width (mm)                      | Height (mm) | Wide (m)            | Tele (m) | Width (mm)                      | Height (mm) | Wide (m)            | Tele (m) |
| Screen diagonal (inch) |                                 |             |                     |          |                                 |             |                     |          |
| 60                     | 1,328                           | 747         | 1.75                | 3.61     | 1,402                           | 597         | 1.86                | 3.82     |
| 90                     | 1,992                           | 1,121       | 2.67                | 5.46     | 2,103                           | 895         | 2.83                | 5.77     |
| 100                    | 2,214                           | 1,245       | 2.98                | 6.07     | 2,337                           | 995         | 3.15                | 6.41     |
| 110                    | 2,435                           | 1,370       | 3.28                | 6.69     | 2,571                           | 1,094       | 3.47                | 7.06     |
| 120                    | 2,657                           | 1,494       | 3.59                | 7.30     | 2,805                           | 1,193       | 3.79                | 7.71     |
| 150                    | 3,321                           | 1,868       | 4.51                | 9.15     | 3,506                           | 1,492       | 4.76                | 9.66     |
| 200                    | 4,428                           | 2,491       | 6.04                | 12.22    | 4,674                           | 1,989       | 6.38                | 12.91    |
| 250                    | 5,535                           | 3,113       | 7.57                | 15.30    | 5,843                           | 2,486       | 7.99                | 16.15    |
| 280                    | 6,199                           | 3,487       | 8.48                | 17.14    | –                               | –           | –                   | –        |
| 300                    | –                               | –           | –                   | –        | –                               | –           | –                   | –        |

\*Projection distances are design specifications, so there is ±5% variation.

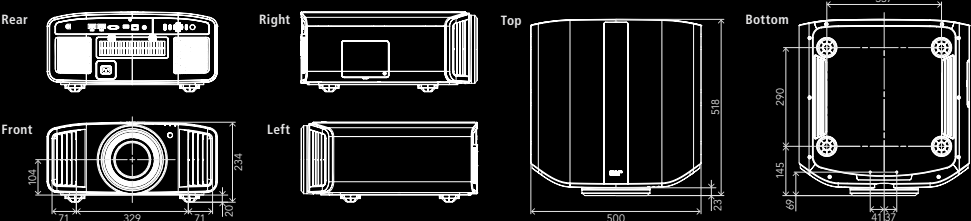
DLA-RS2000/1000

|                        | Display size 3840 × 2160 (16:9) |             |                     |          | Display size Cinematic (2.35:1) |             |                     |          |
|------------------------|---------------------------------|-------------|---------------------|----------|---------------------------------|-------------|---------------------|----------|
|                        | Screen size                     |             | Projection distance |          | Screen size                     |             | Projection distance |          |
|                        | Width (mm)                      | Height (mm) | Wide (m)            | Tele (m) | Width (mm)                      | Height (mm) | Wide (m)            | Tele (m) |
| Screen diagonal (inch) |                                 |             |                     |          |                                 |             |                     |          |
| 60                     | 1,328                           | 747         | 1.88                | 3.85     | 1,402                           | 597         | 1.99                | 4.07     |
| 90                     | 1,992                           | 1,121       | 2.84                | 5.80     | 2,103                           | 895         | 3.00                | 6.13     |
| 100                    | 2,214                           | 1,245       | 3.16                | 6.45     | 2,337                           | 995         | 3.34                | 6.81     |
| 110                    | 2,435                           | 1,370       | 3.49                | 7.10     | 2,571                           | 1,094       | 3.68                | 7.50     |
| 120                    | 2,657                           | 1,494       | 3.81                | 7.75     | 2,805                           | 1,193       | 4.02                | 8.18     |
| 150                    | 3,321                           | 1,868       | 4.77                | 9.70     | 3,506                           | 1,492       | 5.04                | 10.24    |
| 200                    | 4,428                           | 2,491       | 6.38                | 12.95    | –                               | –           | –                   | –        |

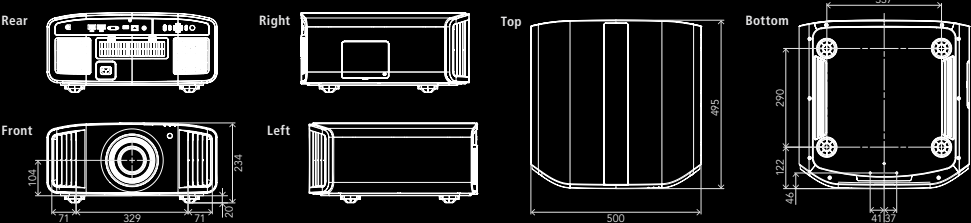
\*Projection distances are design specifications, so there is ±5% variation.

■ External Dimensions (unit: mm)

DLA-RS3000



DLA-RS2000/1000





# DLA-RS4500

## Native 4K D-ILA Home Theatre Projector with BLUE-Escent Laser Light Engine

JVC's DLA-RS4500 native 4K projector combines JVC's new 4096 X 2160 DILA devices and "BLU-Escent" Laser phosphor light source to become the worlds first THX 4K certified projector. This flagship model features HDR compatibility, a new high-resolution lens developed specifically for 4K applications, and a new Cinema Filter for a wide color gamut. This projector needs to be experienced to be believed!

- 4K (4096 x 2160) Projected Image
- Three 0.69 inch 4K D-ILA (4096 x 2160) Devices
- BLU-Escent (Laser Diode/Phosphor) Light Source
- HDR (High Dynamic Range) Compatible w/HDR10 and Hybrid Log Gamma and SMPTE 2086
- Over 100% DCI P3 color space and over 80% coverage of the BT.2020 color gamut
- 18 Element, 16 Group All-Glass 100mm Diameter Zoom Lens
- Two 18Gbps HDMI/HDCP 2.2 Compatible Inputs
- MPC w/Auto Mode scales HD video to 4K, and can be used to fine tune Native 4K signals (up to 4K60P 4:4:4)
- Motion Enhance (2D, 3D, 4K) w/Upgraded Clear Motion Drive
- 1.4 to 2.8:1 Motorized Zoom Lens w/±100% Vertical Offset and ±43% Horizontal (with 16:9 throw)
- New Installation Function Memorizes 10 Positions for Lens, Screen & Masking Settings
- Control: Control4 SDDP /LAN / RS-232C /IR/ 12V Screen Trigger Output / 3D Sync Output



**D-ILA**

**BLU-Escent**



3,000  
Lumens



∞ : 1 Dynamic  
Contrast Ratio



Wide Colour Gamut  
(DCI P3)



100mm  
All-Glass Lens







# D-ILA



## DLA-RS3000

### 8K e-Shift D-ILA Home Theatre Projector

The all new DLA-RS3000 is the world's first 8K e-shift home theater projector capable of 8192 x 4320 image resolution. This premium, custom install projector is built with hand-selected components featuring a high resolution 100mm diameter, 18-element, 16-group All-Glass lens with full aluminum lens barrel. Coupled with the new 0.69 inch 4K D-ILA device the DLA-RS3000 delivers the sharpest home theater image available today.

- 8K e-shift yields 8192 x 4320 projected image
- New 0.69 inch Native 4K D-ILA Devices (x3)
- 2,200 Lumens with High Power Lamp (PK-L2618U)
- 18 Element, 16 Group All-Glass 100mm Diameter Zoom Lens
- Built with Hand Selected Components
- Two 18Gbps HDMI/HDCP 2.2 Compatible Inputs
- Improved Clear Motion Drive w/Motion Enhance
- Improved Multiple Pixel Control (MPC)  
MPC works with 4K60P (4:4:4) signals
- Low Latency Mode improves picture, speeds operation, and reduces gaming/PC frame delays
- New Installation Mode simplifies and memorizes up to 10 customizable picture preferences
- Control: Control4 SDDP /LAN / RS-232C /IR/ 12V Screen Trigger Output / 3D Sync Output



2,200  
Lumens



1,000,000 : 1  
Dynamic Contrast



Wide Colour Gamut  
(DCI P3)



100mm  
All-Glass Lens





# DLA-RS2000

## Native 4K D-ILA Home Theatre Projector

JVC's new DLA-RS2000 is a high quality Native 4K home theater projector that features new, improved 0.69 inch D-ILA devices coupled with a 17-element, 15-group All-Glass 65mm lens. It takes advantage of high contrast, high brightness, and a host of color reproduction features that ensure dynamic and realistic images. Even those demanding movie theater quality reproduction will be impressed with the images produced by the DLA-RS2000.

- 4K (4096 x 2160) Projected Image
- New 0.69 inch Native 4K D-ILA Devices (x3)
- 1,900 Lumens with High Power Lamp (PK-L2618U)
- 17-element, 15-group All-Glass 65mm diameter high quality lens
- Two 18Gbps HDMI/HDCP 2.2 Compatible Inputs
- Improved Clear Motion Drive w/Motion Enhance
- Improved Multiple Pixel Control (MPC)  
MPC works with 4K60P (4:4:4) signals
- Low Latency Mode improves picture, speeds operation, and reduces gaming/PC frame delays
- New Installation Mode simplifies and memorizes up to 10 customizable picture preferences
- Control: Control4 SDDP /LAN / RS-232C /IR/ 12V Screen Trigger Output / 3D Sync Output



**D-ILA**



Auto Tone  
Mapping for HDR



1,900  
Lumens



800,000 : 1  
Dynamic Contrast



Wide Colour Gamut  
(DCI P3)



65mm  
All-Glass Lens







# D-ILA



## DLA-RS1000

### Native 4K D-ILA Home Theatre Projector

The new DLA-RS1000 makes affordable, high quality Native 4K home theater projectors a reality. This entry model features the same new, improved 0.69 inch D-ILA devices as the rest of JVC's new line of projectors. It also features a 17-element, 15-group All-Glass 65 mm lens. Its high contrast, high brightness, and color reproduction features ensure dynamic and realistic images that are sure to wow even the most discriminating viewer.

- 4K (4096 x 2160) Projected Image
- New 0.69 inch Native 4K D-ILA Devices (x3)
- 1,800 Lumens with High Power Lamp (PK-L2618U)
- 17-element, 15-group All-Glass 65mm diameter high quality lens
- Two 18Gbps HDMI/HDCP 2.2 Compatible Inputs
- Improved Clear Motion Drive w/Motion Enhance
- Improved Multiple Pixel Control (MPC)  
MPC works with 4K60P (4:4:4) signals
- Low Latency Mode improves picture, speeds operation, and reduces gaming/PC frame delays
- New Installation Mode simplifies and memorizes up to 10 customizable picture preferences
- Control: Control4 SDDP /LAN / RS-232C /IR/ 12V Screen Trigger Output / 3D Sync Output"



1,800  
Lumens



400,000 : 1  
Dynamic Contrast



65mm  
All-Glass Lens





# DLA-RS540

## D-ILA 4K e-Shift Home Theatre Projector

The DLA-RS540 is a high performance, fully-customizable home theatre projector that produces exquisite quality images with class leading 130,000:1 native contrast ratio. This THX 3D and ISF certified projector features 4K e-Shift5 for a significant improvement in picture quality vs our previous models. JVC also upgrades UHD HDR brightness and dynamic range using our Intelligent Aperture function.

- 4K e-shift5 yields 3840 x 2160 projected image
- 0.7 inch 1920 x 1080 D-ILA Devices (x3)
- 1,900 Lumens with High Power Lamp (PK-L2615U)
- 17-element, 15-group All-Glass 65mm diameter high quality lens
- Two 18Gbps HDMI/HDCP 2.2 Compatible Inputs
- Improved Motion Enhancement (2D, 3D, 4K) w/CMD
- Multiple Pixel Control (MPC) w/Auto Mode  
MPC works with 4K60P (4:4:4) signals
- Low Latency Mode improves picture, speeds operation, and reduces gaming/PC frame delays
- Lens memory function memorizes 10 positions for focus, zoom and shift
- Control: Control4 SDDP /LAN / RS-232C /IR/  
12V Screen Trigger Output / 3D Sync Output



**D-ILA**



1,900  
Lumens



1,300,000 : 1  
Dynamic Contrast



Wide Colour Gamut  
(DCI P3)



65mm  
All-Glass Lens







## LX-UH1

### 4K UHD DLP Projector

The JVC LX-UH1 4K HDR DLP Projector features a compact design and wide lens shift for easy installation. Connect any 4K 60P source through the HDMI/ HDCP 2.2 compatible input and enjoy HDR content that takes the viewing experience to a whole new level.

- 4K UHD yields 3840 x 2160 projected image
- Newly developed 0.47" TRP DMD technology provides 4K (3840x2160) resolution
- 2,000 Lumens with High Power Lamp (PK-L3715U)
- Automatic Aperture available with HDR10 content
- Three selectable HDR10 gamma curves (L/M/H)
- 100% Rec. 709 colour space (BT.2020 compatible)
- One 18Gbps HDMI/ HDCP 2.2 Compatible Inputs
- Wide lens shift range (V +/- 60%, H +/- 23%)
- Control: RS-232C/12V Screen Trigger Output



2,000  
Lumens



100,000 : 1  
Dynamic Contrast





# PIXELGEN

T.R.U.E.

TRANSPORTING THE **REAL UNCOMPRESSED EXPERIENCE**

The world of 4K connectivity is made simple and without compromise when using Pixelgen Max 4K Interconnect solutions.

Delivering 18Gbps uncompressed signal over long lengths to your 4K projector or display device, Pixelgen does the heavy lifting.

Contact us at [dila@ca.jvckenwood.com](mailto:dila@ca.jvckenwood.com) for the right solution for your application.



## PXLGLASS™

PXLGLASS™ Hybrid Fiber/Copper Interconnect, is a long-reach UHD connectivity solution capable of delivering 100% uncompressed 4K signals up to 50m with full protocol feature-set (incl. ARC).

10m 15m 20m 30m 50m



## PXLDRIVE™

PXLDRIVE™ is a detachable extender placed at the display end of an UHD connection with the ability to revive 100% truly uncompressed signals up to the max 18Gbps bitrate over pre-existing long reach cables.

10m 15m RETRO

Proudly Distributed in Canada by:

**JVCKENWOOD**

[HTTP://CA.JVC.COM/PROJECTORS/](http://ca.jvc.com/projectors/)

Pixelgen 4K interconnect products can be ordered from authorized JVC projector dealers in Canada



# JVC

**8K 4K D-ILA**  
e-shift

Experience the JVC DILA Home Theatre demonstration  
within the Greater Toronto Area

**Panasonic**

**TheaterOne**  
Home Theater Seating

**P**  
Paradigm

**A N T H E M**

**PIXELGEN**

**Stewart**  
FILMSCREEN

Contact us at

[DILA@CA.JVCKENWOOD.COM](mailto:DILA@CA.JVCKENWOOD.COM) OR [WWW.CA.JVC.COM/PROJECTORS](http://WWW.CA.JVC.COM/PROJECTORS)



# REFERENCE SERIES

• D-ILA is a registered trademark of JVCケンウッド株式会社. • THX and THX logo are trademarks of THX Ltd., which may be registered in some jurisdictions. • ISF is a registered trademark of Imaging Science Foundation, Inc. • 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. • Please be aware that, 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). • 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 the projector or a new lamp, if necessary. • All pictures on this brochure are simulated. • Design and specifications are subject to change without notice. • Any rights not expressly granted herein are reserved.

Copyright © 2018, JVCケンウッド株式会社. All Rights Reserved.

The JVC logo is displayed in a bold, red, sans-serif font. The letters are thick and blocky, with the 'J' and 'V' being particularly prominent.

[www.jvc.ca](http://ca.jvc.com/projectors/)  
<http://ca.jvc.com/projectors/>