Sales Information
21th October 2010
DLA-RS Series

JVC
The Perfect Experience

Discover 3D with JVC´s new DLA-RS Series

DLA-RS40 | DLA-RS50* | DLA-RS60*

JVC is proud to introduce you the new DLA-RS Series with the 3rd and new generation of the DLA driver and optical engine. This new driver delivers you a perfect colour gradation and a quick adaptation response. These projectors combine a symmetric design and an electric lens cover. They provide you a ultra high native contrast, a brilliant brightness and extensive colour gamut which guarantees you an general improvement of the basic image quality. The new D-ILA* concept supports you with fantastic 3D image quality.
(***D**irect Image **L**ight **A**mplifier)

Highlights:

- Ultra high native contrast
- New generation of DLA driver
- Brilliant brightness
- Wide range of colour space: up to Adobe RGB
- JVC`s new colour managment technology
- Advanced clear motion drive
- 7 axis colour managment system*
- Easy gamma adjustment
- New screen adjustment
- Motorized lens cover
- Compatible HDMI v. 1.4a, 3D capability
- Supports frame packing; side by side, top-bottom formats
- HDMI input level function

* THX isf ccc DLA-RS50/60 only

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New viewing experience with JVC 3D world

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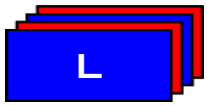
All new models are 3D compatible. JVC uses a frame sequential method and achieves high quality 3D image without crosstalk and flicker. All new models produce realistic and natural 3D images, that you get the feeling of being pulled into the 3D cinema scene.

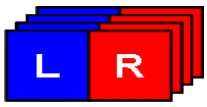
Frame Sequential Method

Separate images are recorded in a resolution of 1920 x 1080 for both the left and right eye. They are displayed at a high speed of 60 frames per second. Viewing them with 3D shutter glasses alternately the images will be displayed for the left and right eyes, which produces the 3D image effect.

Frame packing
Blu-Ray Disc



Side by Side
Major in broadcasting



Top-Bottom

Compatible with various types of 3D recording and playback formats

All new models are compatible with various types of 3D recording formats: Frame Packing, Side by Side, Top and Bottom.

JVC`S IF-2D3D1 Converter wins Pick Hit Award

2D to 3D image processor acknowledged with Broadcast Engineering award

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Brilliant brightness
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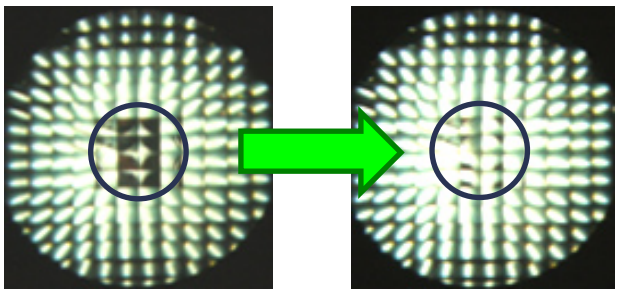
Super short-arc light source (all models)
- Newly developed higher efficiency UHP lamp

Superior-axis lens array (all models)
- Designed to control and utilize beam for best efficiency

Illumination distribution



Conventional axis | Superior axis

Ultra high native contrast
DLA-RS40 | DLA-RS50* | DLA-RS60*

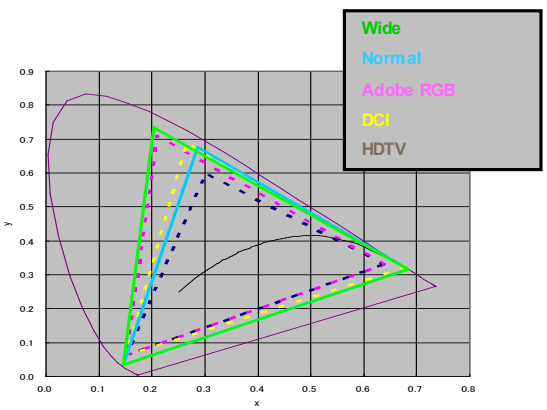
Pure wired-grid (all models)
- New generation design of the optical block refine the purity of black

Advanced aperture (DLA-RS50/60)
- Eliminate light leakage and diffuse reflections

DLA-RS60 = 100000:1
DLA-RS50 = 70000:1
DLA-RS40 = 50000:1

Wide range of colour space
DLA-RS40 | DLA-RS50 | DLA-RS60

To achieve a film-like colour reproduction, JVC succeeded in enlarging their colour space up to 20 % beyond that achieved by conventional models, and achieved Adobe RGB colour space. This wide range of colour space makes the increased depth of the colours green, red, cyan possible. It enable DLA-RS50/60 to reproduce nature scenes such as the precise green colour of trees and the delicate nuances colours of the sea, faithfully.



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7 axis Colour Management System

DLA-RS50 | DLA-RS60

The DLA-RS50/60 features a new 7 axis color management system which interpolates R,G,B,C,M,Y, and orange individually. It allows adjustment of colour phase, chroma saturation, and brightness.

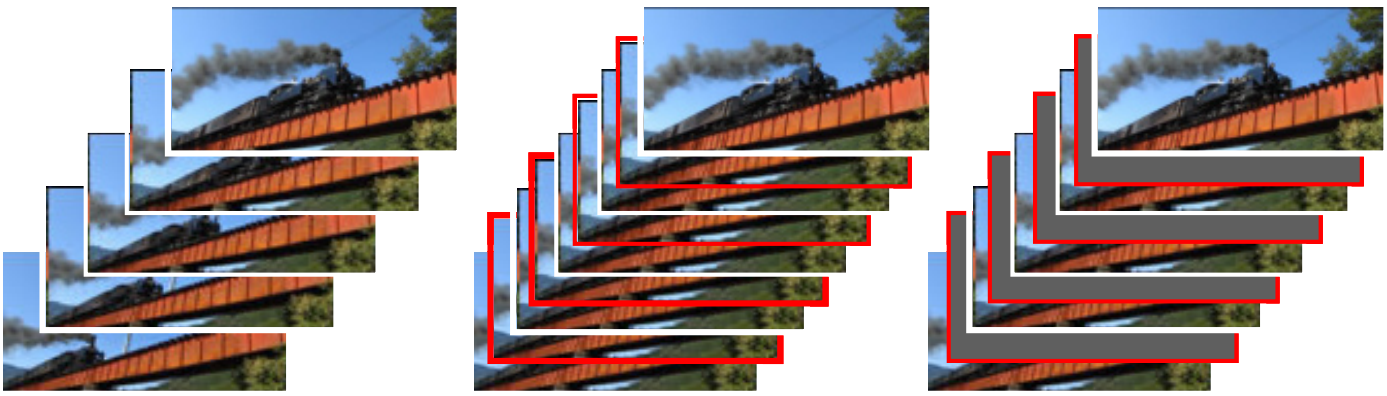
By adding orange to the colour management system, JVC has succeeded in expanding their colour range. This ensures the reproduction of neutral colours which is normally difficult to reproduce.

It is easy to set the colour for adjustment by moving colour axes. Adjustment is made easier by displaying only colour for adjustment. Additionally, up to three customized colour settings can be stored for future use.

Advanced Clear Motion Drive (all model)

DLA-RS40 | DLA-RS50 | DLA-RS60

By using newly developed LSI, advanced clear motion drive has choice from Frame Interpolation or Black Frame Insertion, with High or Low mode, to get smooth picture especially in the fast moving scene.



Original (CMD off) | Frame interpolation | Black frame insertion

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Optional accessories for 3D

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3D Active shutter glasses

PK-AG1

*With CR2032 battery

Model		PK-EM1
	Lens Size	2.2“ diagonal (57 mm)
	3D Technology	Active Shutter
	Glasses Lens	Type LCD
	Transparency	37%
	Sync Method	IR
	Refresh	96-144 Hz
	Battery Life	up to 100 hours
	Battery Type	CR2032 battery, 220 mAh
	3D Viewing Angle	170 degree
	Temperature	5 - 45° C
Frame	Weight	1.9 oz (56 g)
	Dimensions (W x H x D)	6.6“ x 1.8“ x 6.4“

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Optional accessories for 3D

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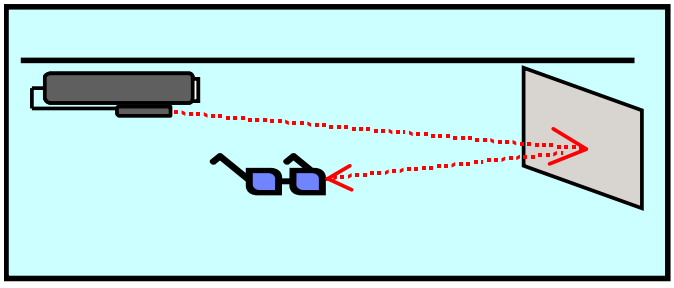
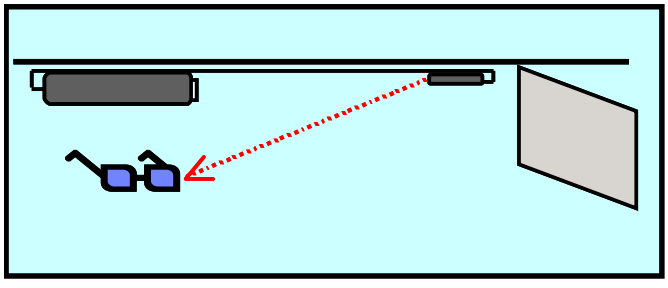
3D Synch Emitter
PK-EM1

- Wired connection to projector
- with power supply, 3 m cable attached
- *Infrared transmission to Glasses

Model		PK-EM1
	Description	3D Synch Emitter
	Dimension	80 x 23 x 90 mm (without stand), 80 x 50 x 90 mm (with stand)
	Weight	125g (incl. cable, without stand), 150g (incl. cable, with stand)
Range of infrared light		10m
	Up & Down	10 degrees
	Right & Left	30 degrees
	Power consumption	DC 12V, 50 mA (via projector)

Arrangements of the emitter





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