

JVC®

The Perfect Experience

DLA-RS2

"True Black"

Premium D-ILA Home Theater Front Projector

This incredible home theater front projector boasting the industry highest¹ 30,000:1 native contrast ratio promises deep, true black level and rich, accurate color.



D-ILA®

Full HD
1920x1080

- Enhanced 0.7-inch Full HD D-ILA devices and improved optical engine deliver the industry's highest¹ contrast ratio of 30,000:1 for deep, true black level without a trace of grey.
- Compatibility with the latest HDMI version 1.3 (Deep Color) specifications means that this projector can reproduce billions of colors and subtler shades of greyscale.
- Manual adjustment of gamma control via an on-screen display ensures accurate brightness levels and color ratios.
- High-performance 2x zoom lens with motorized focus enables flexible set-up.
- User-friendly operation guaranteed thanks to convenient, detailed video adjustment menu and illuminated remote control.

¹ As of July 2007. Native contrast ratio of 30,000:1 for home theater projector class (JVC internal survey).



Superior technologies and user-friendly features make the DLA-RS2 the premium choice for today's large-screen entertainment needs.

Deep, true black level with the industry's highest¹ native contrast ratio of 30,000:1

The new DLA-RS2 features enhanced 0.7-inch full HD D-ILA devices and an improved optical engine, which allow it to achieve an incredible native contrast ratio of 30,000:1 — the industry's highest¹!

● 0.7-in (16:9) Full HD D-ILA device x 3

Newly improved, the device exhibits a significant reduction in stray light caused by phenomena such as the dispersion and diffraction of reflected light. JVC succeeded in decreasing orientation irregularities by reducing the gaps between pixels, adopting improved liquid crystals and other innovative technologies, enabling the device itself to achieve a contrast ratio of 40,000 to 1.

● Optical engine with wire grid polarizers

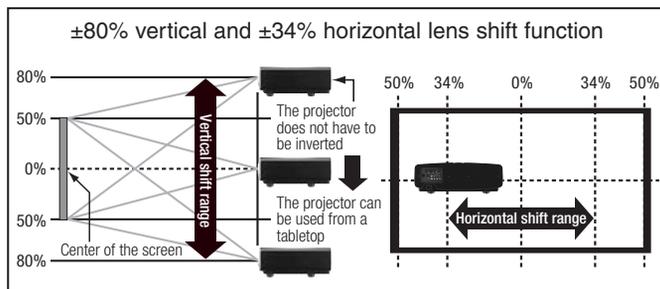
The enhanced optical engine dramatically improves the precision of light polarization, helping to prevent light leakage into the projection lens and allowing for true black level reproduction.

Broader color space ensures excellent color rendition

The DLA-RS2 offers significantly improved color rendition to match its true black level reproduction as color space has been broadened to ensure more natural and vivid colors.

High-performance 2x motorized zoom lens enables flexible set-up

The high-performance 2x zoom lens found on DLA-RS2 is made by Fujinon Corporation and features a large-diameter, all-glass lens assembly with 16 elements in 13 groups. This lens significantly reduces chromatic aberration and provides a high-resolution picture by ensuring that individual pixels remain perfectly focused on the screen. Motorized focus also allows you to enjoy razor-sharp image reproduction in every viewing situation even in smaller rooms where recommended viewing distances to the screen cannot be obtained. Best of all, setting up the DLA-RS2 is easy too as $\pm 80\%$ vertical and $\pm 34\%$ horizontal lens shift function allows the projected picture to be moved horizontally or vertically without having to physically reposition the projector.

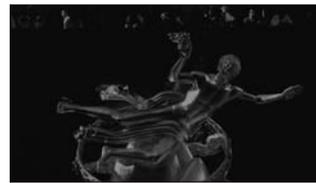


Inside this projector there is a high-pressure mercury lamp. This type of lamp may break, emitting a loud noise, when it is subjected to shock or after it has been used for some length of time. Please note that, depending on how the projector is used, there can be considerable variance between individual lamps as regards how many hours they will operate before requiring replacement. A separate charge is payable for installation, if required.
Design and specifications are subject to change without notice.

● The projector lamp requires periodic replacement and is not covered by warranty.
● 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).
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Customized gamma control on-screen

The DLA-RS2 makes possible manual adjustment of gamma control via an on-screen display, ensuring accurate brightness levels and color ratios to suit viewer preferences. What's more, the primary red, green and blue colors can be individually adjusted via the remote controller.



Conventional



Customized Gamma Control

Compatibility with HDMI ver. 1.3 (Deep Color) specifications

The DLA-RS2 incorporates two HDMI inputs compatible with version 1.3 specifications, which allow you to take full advantage of the higher bandwidth of 225 MHz, increased color depth from millions of colors to billions of colors (Deep Color) as well as enhanced resolution and frame rates (for more details, please refer to the HDMI ver. 1.3 specifications at <http://www.hdmi.org/>).



Projection Distance Chart

Inch	Display size (16:9)		Projection distance	
	W (mm)	H (mm)	Wide (m)	Tele (m)
60	1,328	747	1.78	3.63
70	1,549	872	2.09	4.24
80	1,771	996	2.40	4.86
90	1,992	1,121	2.71	5.47
100	2,214	1,245	3.01	6.08
110	2,435	1,370	3.32	6.70
120	2,656	1,494	3.63	7.31
130	2,878	1,619	3.93	7.93
140	3,099	1,743	4.24	8.54
150	3,320	1,868	4.55	9.16
160	3,542	1,992	4.86	9.77
170	3,763	2,117	5.16	10.38
180	3,984	2,241	5.47	11.00
190	4,206	2,366	5.78	11.61
200	4,427	2,490	6.08	12.23

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

Preliminary Specifications

Display device	Full HD D-ILA device
Panel size	0.7 inch x 3 (16:9)
Resolution	1,920 x 1,080 pixels
Lens	X2 motorized zoom/focus lens f=21.3-42.6mm F=3.2-4.3
Lens shift function	$\pm 80\%$ vertical and $\pm 34\%$ horizontal
Light source lamp	200-watt ultra-high pressure mercury lamp (UHP)
Contrast ratio	30,000:1
Video input terminals	HDMI x 2 (ver. 1.3) Component x 1 (3 RCA) can also be used as a RGB terminal S Video terminal (mini DIN 4-pin) x 1 Composite x 1 (1 RCA terminal)
Control terminals	RS-232 (D-sub 9-pin)
Dimensions (W x H x D)	455 x 172.5 x 418.5mm (without extrusions)

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