



DLA-RS65

3D Enabled D-ILA Media
Room Projector

REFERENCE SERIES

A Premium Projector with 4K Resolution
and an Incredible 120,000:1
Native Contrast Ratio



- 4K e-Shift enabled D-ILA projector (3840 x 2160 Precision)
- Superior Native Contrast ratio of 120,000:1
- THX and ISF Certified
- Minimized crosstalk for brighter, more realistic 3D picture
- Built in 2D to 3D converter creates dynamic 3D images from 2D video content
- 101 Screen Adjustment Modes for color optimization on various screen types*
- Control: LAN / RS-232c / IR / 12 V Screen Trigger Output
- Three Lens Memories to enable constant height installations without an external lens
- Zone Pixel Adjust corrects convergence in 1/16-pixel increments over 121 zones
- Motorized lens cover protects lens when projector is not in use
- 2 Pair 3D glasses and 3D IR emitter included
- 3 Year Warranty

*Capable of increasing up to 255 modes with firmware upgrade

Note: Optional 3D Glasses (PK-AG2 or PK-AG1) and 3D Synchro Emitter (PK-EM1) are required for viewing images in 3D.

4K
e-Shift

D-ILA

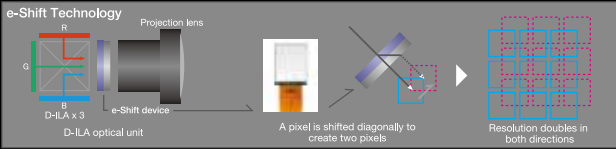
3D

isf
ccc

THX 3D
DISPLAY

4K Precision JVC e-Shift Projection

Hand selected premium components are used to create a high performance optical engine incorporating three JVC D-ILA imaging devices and new e-Shift technology, which shifts each pixel by 0.5 pixels diagonally at a rate of 120Hz, is combined with advanced JVC processing to enable 3840 X 2160 precision images to be projected from all compatible 2D source material. JVC e-Shift technology upscales content to a 3840 X 2160 frame where precise edge enhancement and contrast improvement processing is performed. Two time-aligned 1920 X 1080 sub-frames are created and projected through the e-Shift optical device to create a total of 3840 X 2160 pixels on the screen. Diagonal lines, curves and other irregular shapes are smoothed to produce a natural and realistic image and pixels become nearly invisible.



Native Contrast Ratio of 120,000:1

Sitting at the top of our lineup of D-ILA projectors, the DLA-RS65 delivers ultimate performance in all aspects of image reproduction, including the industry's highest native contrast ratio of 120,000:1* thanks to JVC's innovative approach in the manufacturing of D-ILA imaging engines.



D-ILA 3D Projection*

JVC's most recent D-ILA driving method reproduces superlative 3D images with vivid colors and reduced L/R crosstalk. But best of all, DLA-RS65 is also equipped with other innovative 3D functions.

• **Crosstalk Cancelling:** The innovative Crosstalk Cancelling function significantly reduces crosstalk from critical intensity levels that are likely to cause this phenomenon. The video signal is analyzed for the left and right eyes and then a correction is applied which levels via JVC advanced proprietary algorithms. This ensures a better 3D experience.



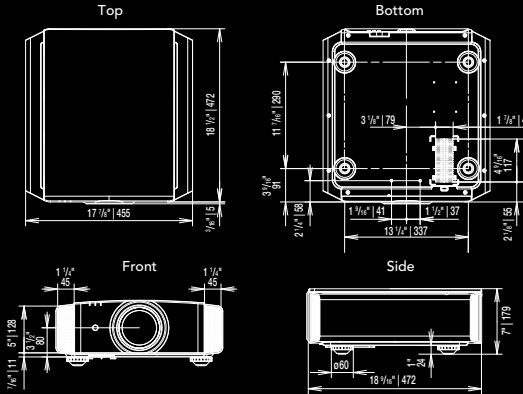
• **2D-3D Conversion:** The real-time 2D-3D converter featured on JVC's Broadcast Quality IF-2D3D1 Professional 3D Image Processor has been ported over for home projector use and is now featured on the DLA-RS65. This means that 2D video recorded on camcorders and TV broadcasts can be converted into 3D video instantaneously for home stereoscopic viewing enjoyment. Other adjustment functions are available such as Depth Adjustment for matching 3D effects to the original source or viewer preferences, and the adjustment of subtitle distortion can be chosen during 2D-3D conversion.

*The optional 3D Synchro Emitter and 3D glasses are required to view 3D images.

Stunning Home Theater Performance

The DLA-RS65 combines hand selected components, 4K precision, high native contrast, accurate gray scale tracking and deeply saturated but natural colors to create a stunning home theater experience. Images are smooth and pixel free, thanks to JVC's advanced e-Shift technology, images have incredible detail and improved local area contrast. This projector is sure to impress even the most critical viewers.

External Dimensions (unit: Inches | mm)



Projection Distance Chart

Screen diagonal (in.)	Display size (16:9)				Projection distance			
	Width (mm)	Width (in.)	Height (mm)	Height (in.)	Wide (m)	Wide (Feet)	Tele (m)	Tele (Feet)
60	1,328	52.28	747	29.41	1.78	5.84	3.84	12.61
70	1,549	60.98	872	34.33	2.09	6.86	4.28	14.04
80	1,771	69.72	996	39.21	2.40	7.87	4.89	16.04
90	1,992	78.43	1,121	44.13	2.70	8.86	5.51	18.08
100	2,214	87.17	1,245	49.02	3.01	9.88	6.13	20.11
110	2,435	95.87	1,370	53.94	3.31	10.86	6.75	22.15
120	2,656	104.57	1,494	58.82	3.62	11.88	7.36	24.15
130	2,878	113.31	1,619	63.74	3.92	12.86	7.98	26.18
140	3,099	122.01	1,743	68.62	4.23	13.88	8.60	28.22
150	3,320	130.71	1,868	73.54	4.53	14.86	9.22	30.25
160	3,542	139.45	1,992	78.43	4.84	15.88	9.84	32.28
170	3,763	148.15	2,117	83.35	5.14	16.86	10.45	34.28
180	3,984	156.85	2,241	88.23	5.45	17.88	11.07	36.32
190	4,206	165.59	2,366	93.15	5.75	18.86	11.68	38.32
200	4,427	174.29	2,490	98.03	6.06	19.88	12.30	40.35

Lens Zoom Range: 1.4 - 2.8:1 ± 5% Design Tolerance
Projector Throw Distance = Screen Width x Zoom Lens Setting

Notes about viewing 3D video content

- The optional 3D Synchro Emitter and 3D glasses are required to view 3D images. 3D video software (3D media or output of 3D broadcasts) and a 3D-compatible video player are also required.
- Perception of 3D images will vary with individual viewers.
- Stop viewing 3D images immediately if any discomfort such as headaches, dizziness, eye fatigue, etc. occur.
- Viewing of 3D images by children under the age of five is not recommended.
- Read the Safety Precautions in the User Manual carefully before viewing any 3D source.

• 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 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).

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 © 2011, JVC KENWOOD Corporation. All Rights Reserved.

Optional Equipment



Connectors



Specifications

		DLA-RS65
Device		0.7 inch Full HD D-ILA (1920 x 1080) x3
e-Shift Technology		Yes
Resolution		3840 x 2160*1 (e-Shift Precision)
Lens		2X Zoom & Focus: Motorized f=21.4-42.8mm / F=3.2-4
Lens Shift		±80% Vertical and ±34% Horizontal (motorized)
Light Source Lamp		220W Ultra-High Pressure Mercury Lamp (lamp life: approx. 3000 hours when the lamp is in Normal mode)
Contrast Ratio		Native: 120,000:1
Connectors	Component	1 (RCA: Y, Pb/Cb, Pr/Cr)
	HDMI	2 (3D/Deep Color/CEC compatible)
	Analog RGB (PC)	1 (D-sub 15pin)
	RS-232C	1 (D-sub 9pin)
	Control and Firmware Upgrade	1
	Trigger	1 (Mini jack, DC12V/100mA)
	Remote	1 (Stereo Mini Jack)
Video Input Signal Format	3D Sync	1 (Mini Din 3pin)
	Digital	480i/p, 576i/p, 720p 60/50, 1080i 60/50, 1080p 60/50/24
	Analog	480i/p, 576i/p, 720p 60/50, 1080i 60/50
PC Input Signal Format	HDMI	VGA/SVGA/XGA/WXGA/WXGA+/SXGA/WSXGA+/WUXGA
	Analog RGB (D-sub 15 pin)	VGA/SVGA/XGA/WXGA/WXGA+/SXGA/SXGA+/WSXGA+/1920x1080/Mac 13", 16"/19"
3D Format	Frame Packing	720p 60/50, 1080p 24, 1080i 60/50
	Side-by-Side (half)	720p 60/50, 1080p 60/50, 1080i 60/50
	Top & Bottom	720p 60/50, 1080p/24
Noise		20dB (Lamp normal mode)
Power Requirement		AC 110-240V/50/60Hz
Power Consumption		360W (Stand-by: 0.8W)
Dimensions (in./mm)		17.91" x 7.05" x 18.59" 455x179x472 mm
Weight (lbs./kg)		33.95 lbs. 15.4 kg

*1 Resolution is 1920x1080 at 3D mode. *2 Measurement, measuring conditions, and method of notation all comply with ISO 21118.



DISTRIBUTED BY

pro.jvc.com

Printed in the U.S.A.

"JVC" is the trademark or registered trademark of JVC KENWOOD Corporation.