



DLA-RS46U

3D Enabled D-ILA
Home Theater Projector

REFERENCE SERIES



The affordable entry level DLA-RS46 makes it possible for anyone to enjoy the thrilling realism of a D-ILA home theater projector. With a native contrast ratio of 50,000:1 and renowned D-ILA image quality, the DLA-RS46 is unquestionably JVC's best value 3D projector to date.

- 1080p three chip 3D enabled D-ILA projector
- Native contrast ratio of 50,000:1
- 1.4 to 2.8:1 motorized zoom lens with Horizontal and Vertical offset
- Highly customizable built-in 2D to 3D converter creates dynamic 3D images from 2D video content
- Lens memory function memorizes 5 positions for focus, zoom and shift
- Three screen adjustment modes for color optimization on various screen types
- Accepts all modern 3D formats (Blu-ray, side-by-side, top-and-bottom)
- Control: LAN / RS-232C / IR / 12 V Screen Trigger Output / Remote control with 3D functions
- New Remote Control App for smartphones and tablets
- 230 Watt NSH Illumination System (lamp life up to 4,000 hours in Low mode)
- 2 Year Warranty

Note: Optional 3D Glasses (PK-AG3) and 3D Synchro Emitter (PK-EM2) are required for viewing images in 3D.





50,000:1 Native Contrast Ratio for High Impact Images

JVC's D-ILA device and advanced optical system projects a high dynamic range image with a Native Contrast Ratio of 50,000:1. The DLA-RS46 produces exceptional images even in higher ambient light conditions making it ideal for media rooms and great room areas. Viewers can enjoy bright, vivid, and crystal clear image reproduction.

Three Screen Adjustment Modes*

Screen Adjustment modes on the DLA-RS46 are developed by analyzing the RGB reflective characteristics of a variety of screen surfaces to ensure optimum correction levels. Viewers can select from one of three parameters to achieve a more accurate picture with natural color balance.

*Please refer to the JVC website for a comparison table of primary screens and adjustment modes.

Lens Memory Function

The upgraded Lens Memory Function stores up to five separate lens adjustments for zoom, focus and horizontal and vertical shift that can be easily recalled when needed. Focus, zoom (size) and shift (displayed position) characteristics can be recorded for video content in various aspect ratios such as a Cinema Scope (2.35:1), 1.85:1 or standard 16:9. The settings can be recalled via the remote control.

Lens memory examples (when using CinemaScope screen)



Memory 1: Standard 16.9



Memory 2: CinemaScope size



Memory 3: CinemaScope size w/subtitles outside of the screen

Smart-phone Remote Control App

Now, JVC D-ILA projectors can be controlled from your smartphone or tablet with a free remote control app. This app features an intuitive graphical UI and exclusive controls that make operations even easier. Additionally, there are built-in help functions for smoother operation.



D-ILA 3D Projection*

JVC's D-ILA driving method reproduces superlative 3D images with vivid colors and reduced L/R crosstalk, and we've improved the conversion accuracy of the optical engine and 3D glasses to achieve a 20% increase in brightness over previous models.

• **Crosstalk Canceling:** The innovative Crosstalk Canceling 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 ensuring a better 3D experience.

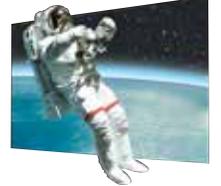


Crosstalk Canceling OFF



Crosstalk Canceling ON

• **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 featured on the DLA-RS46. 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 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.

Optional Equipment



PK-L2312U
User replaceable Lamp



PK-EM2
RF 3D Synchro
Emitter



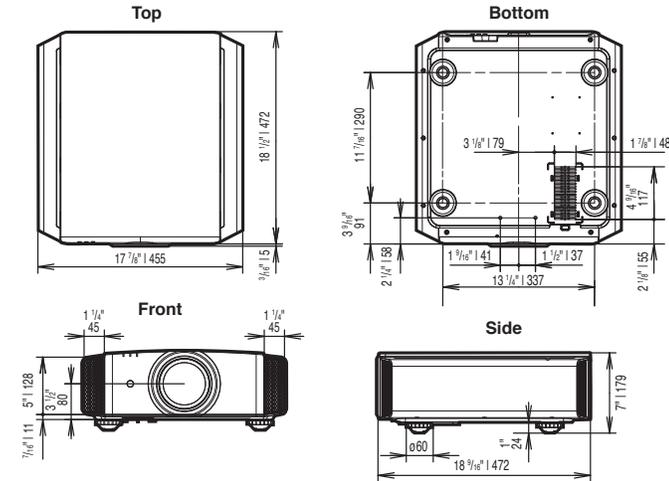
PK-AG3
RF 3D Glasses
Battery-operated

Connectors



Specifications

		DLA-RS46
Imaging device		0.7 inch Full HD D-ILA (1920 x 1080) x3
Resolution		1920 x 1080
Lens		2X Zoom & Focus: Motorized f=21.4-42.8mm / F=3.2-4
Lens Shift		±80% Vertical and ±34% Horizontal (motorized)
Light Source		NSH 230W Lamp (lamp life: approx. 4000 hours when the lamp is in Low mode)
Contrast Ratio		Native: 50,000:1
Connectors	Component	1 (RCA: Y, Pb/Cb, Pr/Cr)
	HDMI	2 (3D/Deep Color/CEC compatible)
	3D Sync	1 (Mini DIN 3pin)
	RS-232C	1 (D-sub 9pin)
	LAN (RJ-45)	1
	Control and Firmware Upgrade	1
	Trigger	1 (Mini jack, DC12V/100mA)
Remote	1 (Stereo Mini Jack)	
3D Sync	1 (Mini DIN 3pin)	
Video Input Signal Format	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+/WXGA
Dimensions	(WxHxD-inches)	17 7/8 x 7 x 18 9/16
Weight (net)	(lbs)	32.63



Notes about viewing 3D video content

• The optional 3D Synchro Emitter and 3D glasses are required to view 3D images from the D-ILA projectors. 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. occurs. • 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 a new super-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).

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