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As the quality of projected images may vary slightly depending on the type of screen and its RGB reflective characteristics, JVC’s new D-ILA projectors have screen adjustment modes that allow users to select the optimum mode to match screen characteristics for more natural and balanced color reproduction.

Both projectors incorporate the HQV Reon-VX video processor developed by Silicon Optix, which features precision I/P conversion and scaling with full 10-bit 4:4:4 signal processing.
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Notes:
- Projectors are equipped with a 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.
- Lamp runtime may be shorter than the projected value due to the conditions of use.
- A certain degree of lamp image degradation may not necessarily occur.
- Change in lamp characteristics may vary depending on the type of lamp, the lamp’s age, and the projector’s settings.
- A lamp may break at any time even during normal use or warming up.
- If the lamp is not replaced, the projector may be damaged.
- The lamp must be replaced with the same model specified in the projector owner’s manual. Use of any other lamp may cause a malfunction or fire.
- The projector lamp requires periodic replacement and is not covered by warranty.
- An additional payment is required for installation of a new lamp, if necessary.
- 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.
- THX and the 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 trademarks or registered trademarks of HDMI Licensing LLC.
- This manual is provided without any warranty of merchantability or fitness for any purpose. 

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Flexible and easy setup

Thanks to this unique interpolation technique that optimizes the number of frames, the precision of picture-character detection. Whether the video signal source is 60 fps broadcasting or 50/60 Hz interlaced video, Clear Motion Drive technology successfully generates an accurate intermediate frame even for scenes that can lower contrast levels, making possible some of the industry's highest picture quality levels.

Clear Motion Drive

Clear Motion Drive technology secondarily generates an accurate intermediate frame too, in order to display TV broadcasts or commercially available DVD movies. Thanks to this unique video-interpolation technique, Clear Motion Drive clearly enhances user-friendly operation.

Quiet operation

The maximum noise level of the DLA-HD950 is 65dB in Eco mode, making possible a near-silent operation. The enhanced efficiency of the cooling system, fan noise has been reduced to 19dB*, enabling the viewer to better concentrate on what's being shown on the screen even in a very quiet room.

Unrivaled picture quality

The new 2009 D-ILA front projector models incorporate a number of advanced technologies such as JVC’s proprietary D-ILA device, a wire-grid optical engine, and high-performance lens. But what really differentiates JVC’s D-ILA projectors instead use a fixed aperture to eliminate unnecessary light on display devices to verify the high definition display performance that home theater enthusiasts demand today, ensuring that the projector will always deliver superb picture quality faithful to the source.

Newly designed remote control

The remote control unit is the same D-ILA projector’s front panel, offering users the flexibility of being able to use the remote control while adjusting the menu settings. Also featured is a unique automatic lens cover that opens and closes when positioning the projector. This ensures that the projector will always deliver superb picture quality faithful to the source.

Outstanding flexibility and convenience

Flexible and easy setup

Effortlessly setting up the projector is easy as the ±80% vertical and ±34% horizontal motorized lens shift, and an IR receiver on the ceiling, you’re assured of easy, trouble-free operation via the remote control. Also featured is a unique automatic lens cover that opens and closes with the remote control. The DLA-HD950 projector has been licensed with the ISF C3 (Certified by Imaging Science Foundation) and THX, ensuring that the projector will always deliver superb picture quality faithful to the source.

Highly regarded industry certifications

Certified by ISF (Imaging Science Foundation)

The ISF-Certified D-ILA projector has been licensed with the ISF-C3 (Certified by Imaging Science Foundation) Control for use in the theater or home cinema for picture correction. The ISF-Certified D-ILA projector has been licensed with the ISF-C3 (Certified by Imaging Science Foundation) Control for use in the theater or home cinema for picture correction. This means to maintain reproduction of the same color and density across the entire screen, the ISF-Certified D-ILA projector must be used with a picture-quality level as equivalent to that of a theater.

Certified by THX

The THX-Ultimate Home Display Program, which is a series of tests conducted in display devices to verify the high-definition display performance that home theater enthusiasts demand today, ensures that the projector will always deliver superb picture quality faithful to the source.

Unrivaled picture quality

Exceptionally high contrast ratio

The new D-ILA picture quality is attributable to this high contrast ratio by the integration of the 0.7-inch D-ILA x3 Device. The DLA-HD550 D-ILA projector is capable of achieving an exceptionally high native contrast ratio of 50,000:1. The new D-ILA-ILA picture quality is attributable to this high contrast ratio by the integration of the 0.7-inch D-ILA x3 Device. The DLA-HD550 D-ILA projector is capable of achieving an exceptionally high native contrast ratio of 50,000:1.

Clear Motion Drive

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Inverse telecine 4-3 pull-down

In order to display TV broadcasts or commercially available DVD movies, Clear Motion Drive technology secondarily generates an accurate intermediate frame too, in order to display TV broadcasts or commercially available DVD movies. Thanks to this unique video-interpolation technique, Clear Motion Drive clearly enhances user-friendly operation.

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Flexible and easy setup

The 2009 D-ILA projector models incorporate a number of advancements like JVC’s proprietary DILA feature, a larger vertical range of motion in the lens shift function, and a new inverse telecine (reverse 2-3 pull-down) function found in some of our latest D-ILA projectors. These advancements allow for easy setup as well as smooth performance.

Inverse telecine (reverse 2-3 pull-down)

This function enables the DLA-HD950 to achieve a exceptionally high native contrast ratio of 50,000:1. This enhanced brightness is invaluable while editing and deeper black levels enable greater contrast and image resolution that is exact and rich. Selecting this function automatically calibrates for your desired contrast, so no measure is needed to maintain the same quality level as standard picture performance.

Quiet operation

Thanks to the internal efficiency of the cooling system, fan noise has been reduced to 19dB*, enabling the viewer to better concentrate on what’s being shown on the screen even in a very quiet room. Thanks to the enhanced efficiency of the cooling system, fan noise has been reduced to 19dB*, enabling the viewer to better concentrate on what’s being shown on the screen even in a very quiet room.

Newly designed remote control

The remote controller adds a variety of options to your DILA projector experience. With the newly designed remote control, the viewer can choose to: power on/off to protect against dust, so even if the projector is installed up vertically effortlessly via the remote controller. Also featured is a unique automatic lens cover that opens and closes with the lens shift function. The lens cover automatically locks into the “on” position when the speaker is closed, and with the lens shift function, it can be opened and closed with the remote controller. The lens cover automatically locks into the “off” position when the remote controller is powered down, allowing the projector to automatically shut off when the remote controller is powered down.

Unrivalled picture quality

Exceptionally high contrast ratio

Five major picture modes

Native: 30,000:1

Native: 50,000:1

Highly regarded industry certifications

Certified by ISF

Imaging Science Foundation

Certified by THX

The THX 2-3 pull-down feature is specific to THX Cinema, which uses a method of deinterlacing on display devices to verify the high definition display performance that home theatre enthusiasts expect. Because of this, D-ILA projectors that do not exhibit this quality will fail the standard.
JVC’s D-ILA projectors are specifically designed to satisfy users who demand the very best in home cinema entertainment by delivering "true black" performance — clearly displaying all the smooth textures and delicate nuances of an image even in the darker areas of a picture. These D-ILA projectors and their innovative technologies have earned a well-deserved reputation as the gold standard in home theater market thanks to a raft of awards from the home cinema industry. With the new DLA-HD950 and DLA-HD550 D-ILA projectors, the dream of recreating the quality of film in movie theaters, at home, is now a step closer to reality.

Unrivaled picture quality

Flexible and easy setup

Unrivaled picture quality

Clear Motion Drive

In reverse telecine a 24 fps pull-down function is added to display pull-down images as 30 fps, 48 fps, ensuring cinema-like viewing that is very faithful to the original source. Therefore, when an image is captured at a pull-down rate of 24 fps, it is verified that the image is displayed without moiré patterns. The accuracy of the signal is verified when the image is captured in a pull-down rate of 24 fps, and then securely stored precision settings into the projector. This helps to ensure that the projector will always deliver superb picture quality faithful to the source.

Highly regarded industry certifications

Outstanding flexibility and convenience

Feature comparison

Newly designed remote control

Quiet operation

Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>DLA-HD950</th>
<th>DLA-HD550</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td>1080p</td>
<td>1080p</td>
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<tr>
<td>Native contrast ratio</td>
<td>30,000:1</td>
<td>50,000:1</td>
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<td>Projection size</td>
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<td>1.1 m - 12.3 m</td>
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<td>Contrast ratio</td>
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<td>Brightness</td>
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<td>Zoom</td>
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<td>Focus</td>
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<td>1 (6.35 mm) audio, 4 (all) x1, 1 USB</td>
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<td>RS-232C</td>
<td>D-SUB 9-pin</td>
<td>D-SUB 9-pin</td>
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<td>HDMI</td>
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<td>2 x HDMI (ver. 1.3)</td>
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<td>Video input</td>
<td>Composite x1, S-VHS x1, S-Video x1, RGB x1</td>
<td>Composite x1, S-VHS x1, S-Video x1, RGB x1</td>
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<td>PC input</td>
<td>RGB x1 (D-sub 15-pin)</td>
<td>RGB x1 (D-sub 15-pin)</td>
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<td>Power consumption</td>
<td>200W (UHP)</td>
<td>200W (UHP)</td>
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<td>Dimensions</td>
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<tr>
<td>Weight</td>
<td>27 lbs (12.26 kg)</td>
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<tr>
<td>Noise level</td>
<td>19dB (Normal mode)</td>
<td>19dB (Normal mode)</td>
</tr>
</tbody>
</table>

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