

## **JVC Offers Free Firmware Upgrade D-ILA Projector DLA-NZ900/DLA-NZ800**

**Raising the Bar on Brighter, Vividly Detailed HDR Images with Deeper Contrasts**

JVCKENWOOD Corporation will release its latest firmware for the 8K-enabled D-ILA projectors — the DLA-NZ900/NZ800 and DLA-RS4200/RS3200 — in October 2025. JVC Projectors, a recognised leader in projection technology, is pleased to announce the introduction of its latest technological advancements, designed to further enhance image performance and elevate the user experience. This new firmware update introduces a range of upgraded features designed to deliver brighter, more vivid HDR images, deeper contrast, and improved 8K video performance — giving new life to your existing DLA-NZ900/NZ800 and DLA-RS4200/RS3200 projectors.



### ***Firmware Highlights***

The Frame Adapt HDR feature of our unique D-ILA projector instantly analyses the peak brightness of content that varies from scene to scene or frame by frame and automatically adjusts to the optimal dynamic range to create more natural and realistic images of HDR10 content. The ability to support a wide range of HDR10 content with or without mastering information has been highly praised by many users. The new firmware upgrades the Frame Adapt HDR function with a new Frame Adapt HDR Vivid mode. JVC's new firmware provides incredible life-like creating Images that are intensified with brighter and more vibrant colours and deeper dark tones.

JVC is also excited to introduce its newest function: Highlight Colour Control. This feature makes highintensity scenes exhilarating as the brightness and colour saturation provide both vibrant and images deeply rich in colour.

Another significant improvement is the ability to experience sharp, realistic 8K resolution with little to no video noise. This is addressed with JVC's new MPC (Multiple Pixel Control) super-resolution circuit. The newly added smoother function effectively suppresses video noise caused by data compression. It achieves sharper detail and a more realistic 8K experience.

For gamers, the new Auto Low Latency Mode (ALLM) automatically switches the projector into low-latency mode when connected to an ALLM-compliant device. Addressing video display lag now gamers can experience even faster response times when playing their most challenging games.

## ***New Firmware Benefits***

### **Frame Adapt HDR Vivid**

The new picture mode, Frame Adapt HDR Vivid, adds to JVC's award-winning Frame Adapt feature. Based on the Perceptual Quantizer curve, proprietary video processing technology for HDR content, JVC has remarkably improved contrast and colour expression of the entire image by brightening bright areas and increasing deeper dark details. This allows the subject to naturally stand out from the background for a more three-dimensional image.

Furthermore, with the new Highlight Colour Control function, added saturation is maintained and enhanced for incredible details. Even in high contrast images such as night scenes and sci-fi movie scenes, HDR images provide superior detail and sharpness that produces an image with an amazing depth of field.

### **Highlight Colour Control**

JVC understands that not all home theatre and video environments are alike. With its Highlight Colour Control feature coupled with its Frame Adapt HDR Technology mode, the balance between brightness and saturation in high-intensity scenes is achieved.

Now colour and vivid scenes do not need to be sacrificed for brighter and vivid images. The images can be catered to your specific viewing needs through Low, Mid and High levels giving you the flexibility to cater to your own preferences.

### **Enhanced MPC (Multiple Pixel Control)**

In standard mode, improvements have been made to create images that are more natural and realistic. A new function, Smoother, has been added to our proprietary MPC super-resolution circuit. This effectively reduces artifact noise caused by video data compression and enables smoother, and more realistic 8K video imaging while maintaining a natural high-definition feel. It reduces visual incongruity and further enhances the quality of the video experience even in videos that require fine detail and sharpness.

### **ALLM (Auto Low Latency Mode)**

ALLM (Auto Low Latency Mode) is a new feature that is ideal for gaming that requires low latency. When connected to an ALLM-compliant device, the projector automatically switches to low latency mode based on the video signal. When ALLM is activated, Frame Adapt HDR, Laser Dynamic Control, and Clear Motion Drive are automatically disabled to improve speed and responsiveness. ALLM advances large screen gaming to a fully immersive experience.

## ***Other Features Include***

### **New OSD Guide function**

A newly designed menu guide addresses each mode and feature to provide easy and clear onscreen descriptions. Now even first timers can easily manoeuvre through the advanced settings and adjust quickly. No need to worry about having to fumble through an owner's manual to determine the details of each setting. Now with a push of a button image quality, HDR settings and fine colour modifications are made easy.

One of these upgrades includes making the menu easier to read even during low-light or HDR content playback. In addition, a new menu function has been added that corrects the brightness of the OSD display. This reduces the brightness change of the OSD display even during Dynamic Control of the laser light source, allowing for appropriate brightness adjustments. These features and their brightness levels can be easily switched ON/OFF to adapt to any environment.

### **Improved Calibration Performance**

JVC's new calibration software version further enhances the calibration accuracy of the projector. You can now calibrate choosing colour temperature and colour gamut as a targeted value. High-precision image adjustments can be made easily. Couple this with the latest generation of its calibration sensors which provide even more precise accuracy and operability.

### **ADVANCED Personalised Presets**

The ADVANCED key located on the remote can now store custom settings according to the user's preferences. This makes it possible to recall video modes and image quality adjustments with one touch. This simplifies access to presets and enables flexible video adjustment according to viewing environments and content.

#### Trademarks

- D-ILA, e-shift, BLU-Escent and Frame Adapt HDR are trademarks or registered trademarks of JVCKENWOOD Corporation.
- Other company and product names may be trademarks or registered trademarks of their respective companies.
- All information is accurate at the time of publication but may be subject to change.
- Design and specifications are subject to change without notice.
- Any rights not expressly granted herein are reserved.

For further information, please contact:  
Mike Turner - Engineering Manager   Email:mike.turner@uk.jvckenwood.com

---

**JVCKENWOOD U.K. Ltd**, 1<sup>ST</sup> Floor, Gleneagles, The Belfry, Colonial Way, Watford, WD24 4WH  
<https://uk.jvc.com/projectors/>