

New "FILMMAKER MODE" that faithfully reproduces the filmmaker's intentions

Free upgrade of DLA-NZ9, DLA-NZ8, DLA-NZ7, DLA-NP5 functions

–The unique "D-ILA" device celebrates 25th anniversary since its development

JVC KENWOOD Corporation, celebrating the 25th anniversary of the development of its proprietary D-ILA device, will release the latest firmware for a total of four models: the DLA-NZ9, DLA-NZ8, and DLA-NZ7 D-ILA projectors supporting 8K video display, and the DLA-NP5 4K D-ILA projector, starting mid-November.



About D-ILA

The "D-ILA" device, developed by JVC, is our unique version of "LCOS" (Liquid Crystal on Silicon), a reflective liquid crystal device for projectors. It is best known for having industry-leading black level and contrast, along with excellent color, high brightness and high resolution.

In 1997, we succeeded in developing the SXGA (1.3 million pixels) type, and in 2000, we achieved 4K resolution. 0.7-inch full HD devices were developed in 2007. Furthermore, in 2016, we developed the world's smallest (at the time) 0.69" 4K device. Our ongoing focus has been to achieve miniaturization and high contrast as a device for high-end projectors.

Planning Intention

The current generation of D-ILA projectors, which were released last year, have been highly acclaimed by enthusiasts seeking a high-quality home theater experience. All laser models benefit from a high definition 8K resolution display option via 8K e-shift, a high brightness laser light source, the latest 48Gbps HDMI connectivity supporting 8K/60 & 4K/120, and JVC's exclusive Frame Adapt HDR.

The latest firmware update includes a new "FILMMAKER MODE™" that faithfully reproduces the filmmaker's intentions. In addition, a new mode for dynamic control using a laser light source has been added, and an adjustable picture quality mode based on the popular "Frame Adapt HDR" picture quality mode for HDR10 has

been added to enhance the customer's video experience and ease of use.

In addition, since July 2022, D-ILA projectors has been manufactured at our factory in Yokosuka City, Kanagawa Prefecture, Japan. This is the birthplace of D-ILA, and is also where our D-ILA devices are produced.

<Main Features of Firmware Update>

1. FILMMAKER MODE™, a new picture quality mode that faithfully reproduces the filmmaker's intentions



FILMMAKER MODE™ was developed by the UHD Alliance, an organization of Hollywood movie studios, TV studios, content distributors, consumer electronics manufacturers, and device developers, with the aim of faithfully reproducing the filmmakers' intentions in the home. When using this mode, picture quality adjustment functions such as frame interpolation and noise reduction are turned off, and the color temperature is set to D65 (6500K), allowing users to enjoy movies and documentaries with picture quality that is faithful to the original master.

2. New Dynamic Dimming mode for Laser models*

Previously, control was based on the average luminance of the entire screen, but in the new mode, adjustment is based on peak luminance, resulting in images with increased dynamic range. In particular, the new mode reproduces dynamic images such as stars twinkling in pitch blackness and nightscapes. In addition, even images with low peak luminance can be enjoyed with a greater sense of contrast.

*Not applicable to the DLA-NP5/DLA-RS1100 with lamp light source.

Other Improvements

(1) Two additional picture modes that can be adjusted based on "Frame Adapt HDR"

Two new modes have been added to the popular "Frame Adapt HDR" picture quality mode for HDR10. The total of 3 modes allows you to store your favorite settings according to various movies and genres.

(2) New HDR level mode added to Frame Adapt HDR

In addition to the existing "Auto" mode, a new mode "Auto(Wide)" has been added to the HDR level setting, which places more emphasis on brightness. You can enjoy more dynamic HDR images according to your preference.

(3) Additional Screens for Screen Adjustment mode

The latest screens, from top domestic and overseas manufacturers, have been added.

<Outline of Firmware Upgrade>

Firmware release date: Mid-November 2022

Applicable products: DLA-NZ9, DLA-NZ8, DLA-NZ7, DLA-NP5, DLA-RS4100, DLA-RS3100, DLA-RS2100, DLA-RS1100.

Description: Firmware "Version*.**" (free of charge) for the applicable products.

How to upgrade : Download the file from the support site on our website below to upgrade the firmware.

Support site URL: <http://xxxxx>

[Notes on firmware upgrade]

Please confirm the following items before updating the firmware.

This firmware is intended for users whose current firmware is "Ver. This firmware update is intended for users whose current firmware is "Ver. ** or earlier".

After updating the firmware, it is not possible to revert to the previous version. Also, each setting item will be reset to the factory defaults. Please execute the firmware update only if you need the new functions.

Please refer to the above support page (download site) for details.

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