



DLA-Z1

JVC Native4K D-ILA Projector

4K D-ILA[®] The '4K D-ILA' text is in a bold, sans-serif font. '4K' is yellow, 'D-ILA' is white with a black outline, and a registered trademark symbol is to the right. To the right of this is a yellow rectangular box with 'HDR' in black and 'High Dynamic Range' in smaller black text below it.

BLU-ESCENT

Concept

JVC

**Experience Home Theater Excitement
Like Never Before**

JVC

HDR

1HX
4K DISPLAY

isf

4K D-ILA[®] **HDR**
High Dynamic Range

BLU Escent

DLA-Z1

Design

DLA-Z1 Design



DLA-Z1



- JVC's centre line design accentuates the 4K all glass 18 element 16 group lens, combined with the brushed aluminum finish produces a luxury impression.
- Special care has been taken to add functional beauty by applying a texturized matt black finish minimizing visible finger prints during installation as well as in theater reflections.

Performance

DLA-Z1 Performance

World's smallest* Native 4K D-ILA Device

- ① 0.69inch 4K(4096x2160 pixel) D-ILA device
- ② Narrowed the pixel gap 31% compared to previous devices
- ③ Decreased light scattering and light diffraction

Resulting in a smooth, detailed picture without visible pixel structure even on large screens



0.69 inch 4K D-ILA Device Features

Pixel Pitch : 3.8 μ m

Number of Pixels : 4096x2160

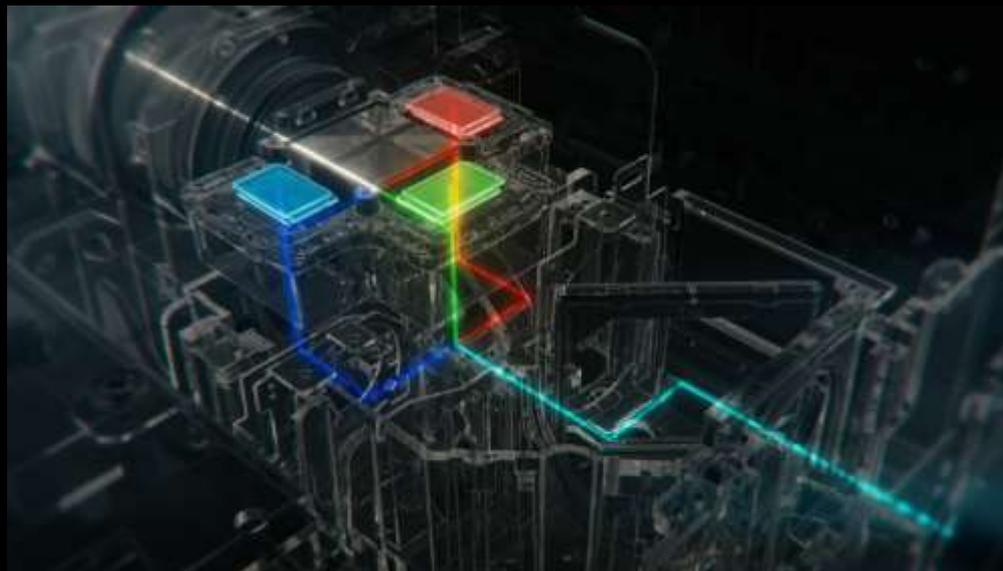
Diagonal : 0.69inch *World's smallest 4K panel

4K D-ILA[®]

3,000lm brightness and 20,000 hours life brought by Laser Light Source

BLU⁺Escent

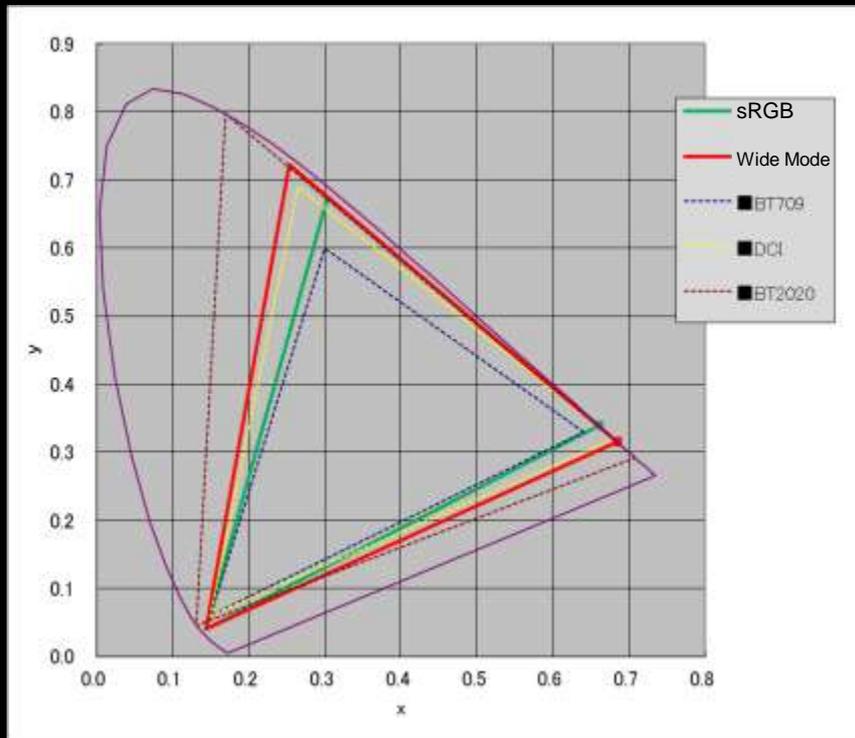
- ① High efficiency Laser Unit
- ② Motor less, Inorganic Phosphor
- ③ Large-size Heatsink & Heatpipe



Dynamic Light Source Control

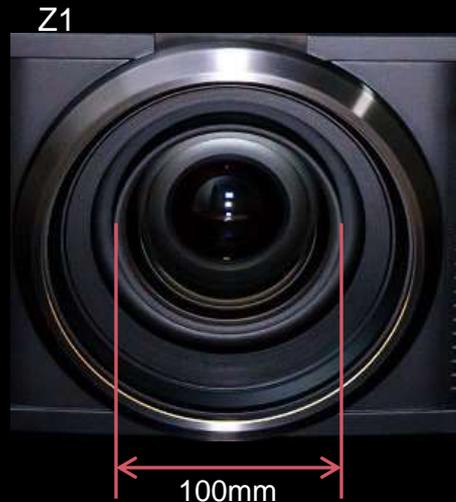
Bringing High Contrast, High Quality Image

Wide Color Gamut resulting in Vivid Color images



New High Resolution Lens dedicated for 4K

Lens Comparison



Previous JVC model



Optical Unit:

- Reduced stray light
- More efficient prism
- Optical f-number f2.6

Shift Mechanism Chassis:

- Highly accurate lens positioning control circuit
- Higher Lens Memory recall precision

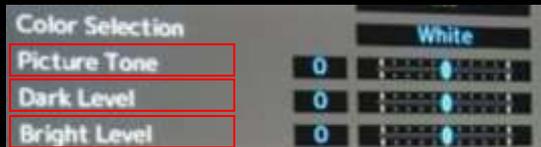
Function

DLA-Z1 Function

HDR (High Dynamic Range)



- ① HDR Picture Preset Mode
- ② Hybrid Log-Gamma
- ③ Detailed HDR adjustments



Latest HDMI, HDCP compatibility

HDMI 2.0a

Dual Full Speed, Full Spec 18GBPS HDMI 2.0a w/ HDR

HDCP2.2

Content protection required by all leading Hollywood Studios

【4K Signal Compatibility Chart】

	Frame Rate [Hz]	V[Line]	H[Pixel]	Compatible: ✓ Need 18Gbps: 								
				RGB/YCbCr444			YCbCr422			YCbCr420		
				Active	Active	8bit	10bit	12bit	8bit	10bit	12bit	8bit
4K (3840x2160)	23.98 / 24	2160	3840	✓	✓	✓	✓	✓	✓			
	25			✓	✓	✓	✓	✓	✓			
	29.97 / 30			✓	✓	✓	✓	✓	✓			
	50			✓			✓	✓	✓	✓	✓	✓
	59.94 / 60			✓			✓	✓	✓	✓	✓	✓
4K (4096x2160)*	23.98 / 24		4096	✓	✓	✓	✓	✓	✓			
	25			✓	✓	✓	✓	✓	✓			
	29.97 / 30			✓	✓	✓	✓	✓	✓			
	50			✓			✓	✓	✓	✓	✓	✓
	59.94 / 60			✓			✓	✓	✓	✓	✓	✓

Optimum 4K image reproduction

Next Generation Multiple Pixel Control C.M.D. + Motion Enhance

Proving High-Quality and High-Performance

THX4KDisplay and ISFccc



*THX4K display and ISFccc are pending approval

Further Customer Friendly Features

Low Latency Mode Extended Lens Shift New Installation Mode USB Firm Update Auto Calibration Function

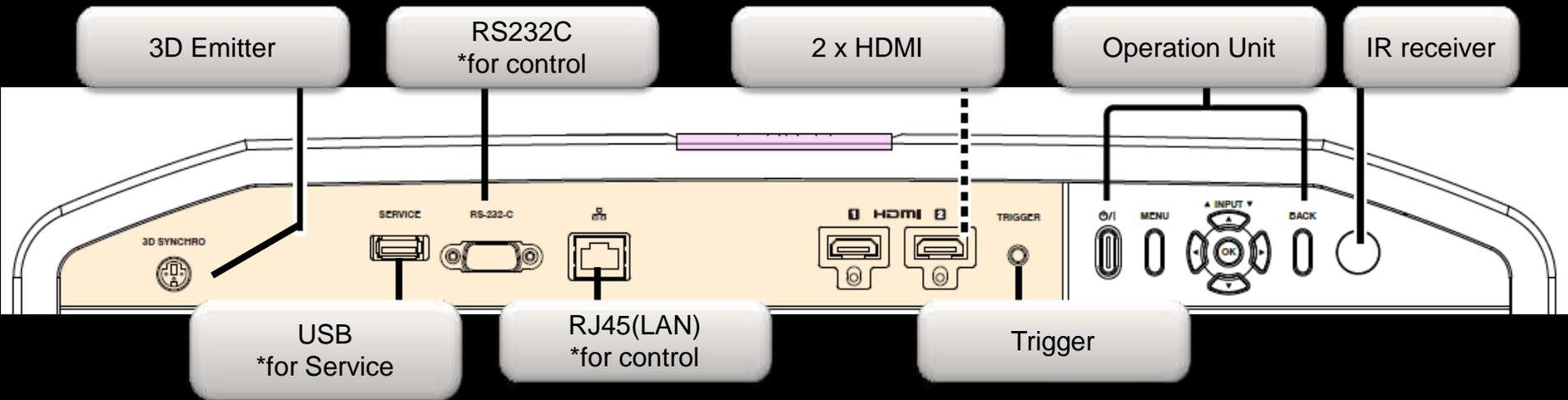
and more...



Others

DLA-Z1 Terminals and Accessories

Rear Terminals



RF (Radio Frequency) 3D glasses and Emitter

PK-AG3 RF 3D glasses



Full recharge 2.5hours/work 100hours
USB-Mini USB cable included

PK-EM2 RF 3D emitter



Signal reaches 10m
No interruption to other equipment with IR signal
No limitation for the number of the glasses

JVC