

New 0.69 inch Native 4K D-ILA device

The 0.69 inch native 4K D-ILA device with 3.8µm pixel pitch achieves high definition display of about 8.8 million pixels (4096 x 2160 pixels) exceeding 4 times the Full HD resolution. High contrast is realized by improved planarization technique which reduces light scattering and light diffraction realizing high native contrast ratio. The narrow pitch realize unique Native4K imagery with smooth, detailed picture without visible pixel structure even on large screens.



4K D-ILA

HDR compatibility with New Auto Tone Mapping function

Compatible with HDR 10 for contents like UHD Blu-ray and HLG (Hybrid Log-Gamma) adopted in broadcasting. Also equipped with a new function "Auto Tone Mapping" that automatically adjust setting based on mastering information included in HDR content. Different HDR images can be viewed optimally for each content.



Other Features

- Equipped with "Installation Mode" function that saves up to 10 kinds of installation settings such as lensmemory, pixel adjustment, screen mask etc. all together.
- Supports full spec 4K video input compatible with 18 Gbps transmission band

Specification

	DLA-N78	DLA-N58/W
Display Device	New 0.69 inch Native 4K D-ILA device (4,096x2,160) × 3	
Display resolution	4,096 × 2,160	
Light Source Lamp	NSH 265W	
Lens	x2 Motorized Zoom & Focus	
Lens Shift	Vertical ±80%/Horizontal ±34%/motorized when projection aspect ratio is 16:9	
Brightness	1,900lm	1,800lm
Contrast	Dynamic 800,000:1	400,000:1
	Native 80,000:1	40,000:1
DCI P3 Full Coverage	Yes	
HDMI Terminal	2 (18Gbps/3D/DeepColor/HDCP2.2)	
Blur Reduction (C.M.D)	Yes (4K compatible)	
HDR	Yes (HDR10/HLG)	
isf	Yes	
USB Firm update	Yes	
Power	AC100-240V 50/60Hz	
Power Consumption	400W (1.5W during regular standby; 0.3W during eco-mode standby)	
External Dimensions	W: 500 mm × H: 234 mm × D: 495 mm (including foot)	
Weight	19.8 kg	

Throw Ratio

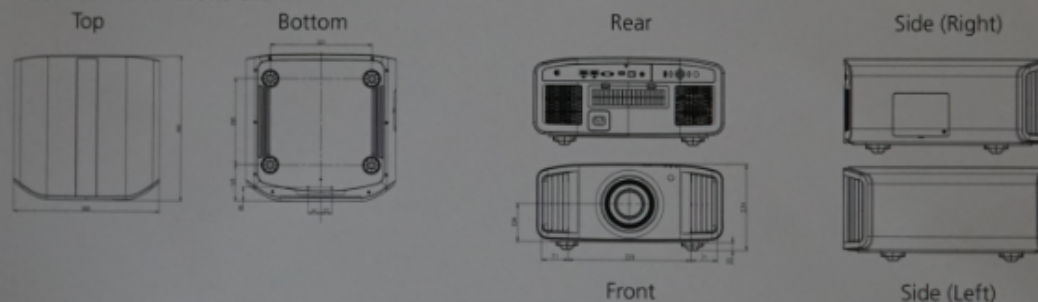
Screen Size (inches)	4096x2160 (17:9)		3840x2160 (16:9)	
	Wide (m)	Tele (m)	Wide (m)	Tele (m)
60	1.787	3.664	1.680	3.853
90	2.703	5.518	2.843	5.802
100	3.008	6.136	3.164	6.451
110	3.314	6.754	3.486	7.101
120	3.619	7.371	3.807	7.760
130	3.925	7.989	4.128	8.400
150	4.536	9.225	4.770	9.699
200	6.063	12.315	6.375	12.946

Options

- PK-AG3 RF method 3D Glasses
- PK-EM2 RF method 3D Synchro Emitter
- PK-L2618U User-replaceable Lamp

Not suitable for household room illumination

External Dimensions unit: mm



• D-ILA and e-shift are registered trademarks of JVCケンウッド Corporation. • The projector is equipped with an ultra-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 the projector or 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). • All pictures on this brochure are simulated. • Design and specifications are subject to change without notice. • Any rights not expressly granted herein are reserved.

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