Gen3 0.69-inch Native 4K D-ILA Devices (x3) / 80.000:1 native contrast / New BLU-Escent Laser 2,300-lumen / Gen2 Frame Adapt HDR with Deeper Blacks / New Picture mode "Vivid"

Completely redesigned interior and exterior results in world's smallest native 4K projector

3rd Generation 0.69-inch 4K D-ILA (4096 x 2160) device x 3

New BLU-Escent Laser Light Source

High brightness of 2,300 lm provides vibrant and dynamic images

New 80mm, 15-element, 11-group high-quality lens

Native Contrast Ratio of 80.000:1 translates to a spectacular Dynamic Contrast Ratio of ∞ :1

2x HDMI (32 Gbps, HDCP 2.3) inputs, supporting 4K60P input signals

HDR10+ contains the metadata of the producer's intentions for each scene, and with such data, the projector is able to automatically reproduce images as the creator intended.

Frame Adapt HDR dynamically tone maps any HDR10 content frame-by-frame or scene-by-scene and automatically performs adjustment to achieve optimal images. It includes improved gamma processing accuracy from 12- to 18-bit equivalent to reproduce smoother and finer gradation.

Auto Tone Mapping function automatically adjusts settings for optimum HDR10 image quality.

FILMMAKER MODE™ that faithfully recreates the creator's intentions.

For easy reproduction, the projector switches automatically to HDR picture mode when HDR10 signals are received.

ISF C3 (Certified Calibration Controls) mode to reproduce excellent picture quality optimized for specific environments

Color Management System with 6-axis Matrix

Eight settings of Installation Mode include Lens Control, Pixel Adjustment, Mask, Anamorphic on or off, Screen Adjust, Installation Style, Keystone, and Aspect; stored installation modes for various environments can be called up.

Wide Colour Gamut above exceeds DCI/P3 spec creating saturated, beautiful images that come to life.

Low Latency Mode suppresses display delay for faster response when receiving signals from PC and game consoles

Auto-Calibration Function using an optical sensor.

New picture mode "Vivid" for SDR Images

DML (Display Mastering Luminance) adjusts/sets the dynamic range for better HDR experience

	DLA-NZ700
General Editing Note	
General Note:	Simulated pictures.The values for weight and dimensions are approximate.E.&O.E. Design and specifications subject to change without notice.
Device	
D-ILA Technology	Yes
Chip Type	3rd Generation 0.69-inch 4K D-ILA device
Native Resolution	4096 x 2160
Number Of Chips	3
Display Resolution	4096 x 2160
Light Source	
Laser	Yes
Type	BLU-Escent Laser Diode
Life Time (Standard Mode)	20000 hours
Picture	
Brightness	2300 lm
Dynamic Contrast	∞ : 1
Native Contrast	80000 : 1
Dynamic Light Power control	Yes
Modes	Low,High,Balance,Off
Manual Aperture	Yes
Range	-15 (stops down) to 0 (opens up)
DCI-P3 Color Gamut	Yes
100% REC 709	Yes
Color Bit Depth	12 bit
ISFccc Certification	Yes
HDR	
HDR10	Yes
HDR10+	Yes
Frame Adapt HDR	Yes
HLG	Yes
Auto Tone Mapping	Yes
Mastering Info Display	Yes
Info data	MaxCLL, MaxFALL, DML
HDR Picture Modes	BT.709 / BT.2020 / DCI / HDR
Deep Black Tone Control	Yes
Lens	
Zoom	1,6 x
Throw Ratio	1.34 - 2.14 (16:9) 1.26 - 2.01 (17.9)
Diameter	80 mm
Build	15-element, 11-group.
Lens Shift	Yes
Range Horizontal	± 28 %
Range Vertical	± 70 %
Motorized Zoom	Yes
Motorized Shift	Yes
Motorized Focus	Yes
Projection Display size (diagonal)	60 - 200 inch
Memory Function	Yes

Number of user presets	5
Lens Cover	Yes
HDMI	
HDMI	Yes
Number of Inputs	2
Data Rate	32 Gbps
HDCP Version	2.3
4K60P signal input	Yes
Video Signal range	480p, 576p, 720p 60/50, 1080p 60/ 50/ 30/ 25/ 24, 3840 x 2160p 60/ 50/ 30/ 25/ 24, 4096 x 2160p 60/ 50/ 30/ 25/ 24
PC Signal range	640x480, 800x600, 2048x1080, 1600x1200, 1920x1200, 2048x1536, 2560x1440
Input Level Adjustment	Auto / Standard (16-235) / Enhanced (0-255) / Super White (16-255)
Color Space Range	Auto/ YCbCr444 / YCbCr422 / RGB
EDID Modes	Standard, Option1 , Option2 (older hardware may need to use Option1 or Option2 settings)
Connections	
Trigger out	
3D Synchro	
LAN	Yes
Connector	RJ45
RS-232	
Service	Yes
Connector	USB (Type A) for firmware update or backup
Picture Settings	
Picture Modes	Natural, Cinema, Filmmaker, Vivid, isf(Day), isf(Night), Frame Adapt HDR, HDR10, HLG, 4 User modes
Color Temperatures	Xenon 1, Xenon 2, 5500K, 6500K, 7500K, 9300K, High Bright, HDR10+, HDR10, HLG, Custom 1, Custom 2
Gamma Processing Depth	12 bit
Gamma Adjust	HDR (Auto), HDR(PQ), HDR(HLG), 2.2, 2.4, 2.6, Cinema 1, Cinema 2, Vivid, 3 Custom modes
Color Management	6-Axis adjustable CMS
MPC	Yes
Filmmaker Mode	Yes
Low Latency Mode	Yes
Auto Calibration	Yes
Optional Probe needed	Yes
Installation Mode	Yes
Number of modes	5
Included settings	Lens Control, Pixel Adjustment, Mask, Anamorphic on or off, Screen Adjust, Installation Style, Keystone, and Aspect
Anamorphic Modes	4 Modes (A, B, C, D)
Control4 SDDP	Yes
Power & Environment	
Power Requirement	AC100-240V, 50/60Hz
Projector in Use	280W
Standby	Eco-mode: 0.25W
Network Standby	1.40W (LAN)
Fan Noise	23 dB
Eco Mode	Yes
Standby Timer	Yes
Operating Temperature	5ºC to 35ºC
Operating Humidity	20% to 80%
Installation Angle	Horizontal +/- 10 degree / Vertical +/- 10 degree

Installation Height	Below 2,000 m
Dimensions & Weight	
Product Dimensions (WxHxD)	450 x 180 x 479 (mm)
Product Dimensions (WxHxD)	17-23/32 in x 7-5/32 in x 18-7/8 in
Product Weight	15,2 Kg
Product Weight	32,6 Lb
Package Dimensions (WxHxD)	585 x 361 x 600 (mm)
Package Weight	18,9 Kg
In the box	
Remote Control	Yes, RM-MH27
Quick Guide	Yes
Power Cord	Yes
Batteries	Yes, 2 x AAA-size batteries