

Cinema Projector - 4K - RB Laser

NEC NC2443ML



Greater flexibility with modular cinema projection solutions

- Modular Light Source achieve the light output which is perfectly adjusted to your requirements with exchangeable light modules (24,500lm, 20,000lm, 18,000lm) for different brightness demands.
- Protect your investment save on new lenses by reutilising the NEC NC2000 series lens family.
- Virtually zero maintenance - no lamp and no filter replacement costs, no maintenance personnel costs and no lamp stock due to the innovative Laser Light engine.
- Enjoy a Lower TCO - highest reliability, maintenance-free operation, low power consumption and up to 50000 hours life; the Laser light source results in a significantly lower total cost of ownership.
- Sealed optical engine minimising dust ingress, consistent performance is assured and no special maintenance is required.

Specifications

General

Series	[nc-series]
Order Code	40001392

Image

Brightness Up To (lm)	24000
Cooling Method	Circulating air cooling system
DMD Pixels	4096 x 2160
DMD Chip	0.98" TRP 4K DLP
Lens Other	Range of shift is dependent on lens
Primary Lenses	NC-60LS16Z:1.59-2.53:1, NC-60LS24Z:2.4-3.9:1, NC-60LS39Z:3.9-6.52:1, NC-60LS14Z:1.4-2.05:1, NC-60LS12Z:1.2-1.81:1
Lens Zoom / Focus / Shift Motorized	Yes
Laser Light Source Expected Life Up To (h)	50000
Projection Method	3-chip 0.98" DC4K DMD
Screen Size Up To (m)	22

Connectivity

External Controls	1 x D-Sub 9 pin (RS-232), 1 x RJ45 100Base-T, 1 x USB port (TypeA), 1 x GPIO (3D) (D-sub 15 pin female), 1 x GPIO (D-sub 37 pin female)
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Electrical

Heat Dissipation Max (BTU)	11673
Power Consumption typ. (W)	3182
Power Consumption Laser Module typ. (W)	2820
Power Consumption Projector (W)	362
Power Supply	200 to 240V AC, 50/60Hz, single phase, Built-in power supply
Rated Input Current Projector Power 200-240V (A)	19.1

Mechanical

External Width (mm)	697
External Height (mm)	509.5
External Depth (mm)	1095
Fan Noise less than (dB-A, ISO 9296)	50
Weight without Lens (kg)	153

Environmental Conditions

Operating Humidity Non-condensing (%)	10 - 85
Operating Temperature (°C)	10 to 35
Storage Humidity Non-condensing (%)	10 - 85
Storage Temperature (°C)	-10 to 50

Regulatory

Europe	CE, DCI 1.2, EN55024, EN55032 Class A (Marking TUV,CE), EN61000-3-11, EN61000-3-12, EN61000-3-2, EN61000-3-3, EN55035, EN62368-1: 2nd Edition
Russia/Belarus/Kazakhstan	EAC, EN55024 1998, EN61000-3-2, EN61000-3-3, EN55032 1998, Class A, EN62368-1: 2nd Edition
Warranty Light Source	2 years or 7500h (whatever comes first)
Parts Warranty (years)	2

Green Features

Ecological Materials	Laser technology reduces power usage and reduces replacement materials required
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Interfaces: Dolby IMS3000 (optional)

Additional Features	Integrated SMS, Integrated Storage: 2 TB (net), NAS support
Input Terminals	2 x 3GSDI bidirectional (input and output), HDMI, 2 x USB Type 3.0, 1 x USB Type 2.0, eSATA
Output Terminals	2 x RJ45 (16-channel AES3-EBU Digital Audio)

Additional Features

Special Characteristics	Built-in IMS (IMS3000, optional), Compact model, Dust sealed optical engine, Laser Light System, Latest digital technology, Low TCO, Metal filter, Modular Light Source, RB laser light source, Reduced costs, DCI compliant
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