Cinema Projector - RB Laser

Sharp NC-2424M



Modular Cinema Projection – a new standard in adaptable screening

- Modular Light Source achieve the light output which is perfectly adjusted to your requirements with exchangeable light modules 24.000lm, 20.000lm and 18.000lm for different brightness demands.
- 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	NC2424M

Image

Brightness Up To (lm)	24500
Cooling Method	Circulating air cooling system
DMD Pixels	2048 x 1080
DMD Chip	0.98" S2K, DLP Cinema® Technology
Lens Other	Range of shift is dependent on lens
Lens Zoom / Focus / Shift Motorized	Yes
Laser Light Source Expected Life Up To (h)	50000
Projection Method	3-chip DLP Cinema® Technology
Screen Size Up To (m)	22

Connectivity

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

Electrical

Heat Dissipation Max (BTU)	9209
Power Consumption typ. (W)	2699
Power Supply	200 to 240V AC, 50/60Hz, single phase, Built-in power supply
Rated Input Current Projector Power 200-240V (A)	18.1

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)	150

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	EN55024, EN61000-3-3, EN62368-1: 2nd Edition, EN61000-3-2, CE, EN61000-3-12, EN61000-3-11, DCI 1.2, EN55032 Class A (Marking TUV,CE)
Warranty Light Source	3 years or 10000h (whatever comes first)
Parts Warranty (years)	3

Green Features

Ecological Materials	Laser technology reduces power usage and reduces replacement materials required

Interfaces: Dolby IMS3000 (optional)

Additional Features	NAS support, Integrated Storage: 2 TB (net), Integrated SMS
Input Terminals	eSATA, 1 x USB Type 2.0, 2 x USB Type 3.0, HDMI
Manufacturer	Dolby (The Dolby IMS3000 is not a Sharp product. Sharp shall not in any way be liable for any product specifications).
Output Terminals	2 x RJ45 (16-channel AES3-EBU Digital Audio)

Additional Features

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

RB LASER

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