

Digital Cinema Projector Series

NC1202L and NC1402L Laser Projector

DCI-compliant laser light source projector

The NC1202L and NC1402L feature a built-in laser light source and is the ideal digital cinema projection solution for theaters with small screens or projection booths that are looking for high-quality cinema projection. This projector's reliability, maintenance-free operation and approximately 50,000* hours of lifetime result in an overall lower total cost of ownership. The 2K DCI-compliant cinema quality means an outstanding image that is bright enough to display 14 ft-L on screens up to 45.9 ft./14m** in DCI color.



Delivering Genuine Benefits

- Maintenance-free operation for a long period of time with approximately 50,000* hours expected usage of the light source and DMD
 - Higher reliability
 - Lower running cost due to savings of:
 - (a) No lamp replacement
 - (b) No maintenance labor
 - (c) No need of Stocking Lamps
- Play captivating 3D content - take your establishment into the next generation and stay ahead of the competition with the latest digital content, an increasingly essential element of the latest movies and media
- Highly flexible - as no exhaust system is required, both the NC1202L and NC1402L are suitable for floor and ceiling installation and versatile content playback

Outstanding Performance

- Steady and reliable operation without any risk of black screen
 - No downtime while exhibition of contents with Laser Light Source, with which brightness may slightly decrease
- Longevity and lower maintenance provide for greater customer satisfaction with the introduction of the laser light source NC1202L and NC1402L projectors.
- Enjoy lower TCO - up to 50,000* hours of lifetime keeps costs to a minimum. You can enjoy better quality imaging while experiencing an overall lower cost of ownership. Brightness decreases in a linear fashion resulting in consistent image quality and greater satisfaction for your customers.

Super Dust Protection

- NEC's patented heat exchanger along with a newly developed and sealed optical engine offer the best overall performance while providing theater owners a greater piece of mind.

* At normal usage conditions and does not constitute the warranty period.

** Assuming 1.8:1 gain screen

Unique Features

MAINTENANCE-FREE

Operation for approximately 50,000* hours with long life of the light source and DMD.

SIMPLE OPERATION

One touch operation, keypad layout and memory functions.

MANY LENS OPTIONS

For easy installation.

HIGH FRAME RATE (HFR) CAPABILITY for outstanding picture quality.

Accessories

Optional Lenses

NP-9LS12ZM1, NP-9LS13ZM1, NP-9LS16ZM1
NP-9LS20ZM1, NP-9LS40ZM1

Ordering Model Numbers

NP-NC1202L
NP-NC1402L



| | | NC1202L | NC1402L | |
|----------------------------------|--|---|----------------------|--|
| Optical | Projection Method | 3-chip DLP Cinema® Technology | | |
| | Light Source | B Laser Light Source | | |
| | DMD Specifications | 0.69" S2K DLP Cinema® Chip | | |
| | Resolution | Native | 2048 x 1080 | |
| | Contrast Ratio | 1,600:1 | | |
| | Brightness (Lumens) | 7,000 | 9,500 | |
| | Light Source Life (up to) | 50,000* hours | | |
| | Supported Screen Size (width) | Up to 39.4 ft. / 12m | Up to 45.9 ft. / 14m | |
| | Throw Ratio | NP-9LS12ZM1 | 1.2 - 1.72:1 | |
| | | NP-9LS13ZM1 | 1.33 - 2.1:1 | |
| | | NP-9LS16ZM1 | 1.62 - 2.7:1 | |
| | | NP-9LS20ZM1 | 2.09 to 3.9:1 | |
| | | NP-9LS40ZM1 | 4.07 to 6.34:1 | |
| | Projection Distance | 2.9 - 35.9 ft. / 0.9 - 10.9 m | | |
| Tilt Angle | +10/- 15° (Up / Down) | | | |
| Zoom | Motorized | | | |
| Focus | Motorized | | | |
| Lens Shift | NP-9LS40ZM1 (motorized) -0.5 to +0.55 Vertical, +/-0.11 Horizontal; ZM1 Series (motorized) -0.5 to +0.5 Vertical, +/-0.11 Horizontal | | | |
| Cooling Method | Air and liquid cooling inside | | | |
| CONNECTIVITY | | 1x3D(D-sub 15pin female), 1xGPIO(D-sub 37pin female), 1xUSB(Type-A), 1xLAN(100Base-T, RJ45), 1xSERIAL(RS-232C, D-sub 9pin female) | | |
| ELECTRICAL | Power Requirements | 200 – 240V AC, 50/60Hz Single Phase | | |
| | Input Current | 9.5A | | |
| | Power Consumption | 1050W | 1500W | |
| | Heat Load (max. power) | 3583 BTU | 5118 BTU | |
| MECHANICAL | Product Dimensions (WxHxD)** | 27.6 x 11.3 x 32.0 in. (700 x 288 x 812mm) | | |
| | Net Weight | 152 lbs. / 69 kg (excluding lens) | | |
| | Shipping Dimensions (WxHxD) | 35.8 x 19.1 x 44.6 in. (909 x 484 x 1132 mm) | | |
| | Gross Weight | 182 lbs. (83 kg) | | |
| | Fan Noise | 46dB | 48dB | |
| ENVIRONMENTAL | | | | |
| Operating | Temperature | 50-96°F / 10-35°C | | |
| | Humidity | 10 to 85% Humidity (Non-Condensing) | | |
| | Altitude | 0 to 3000 m (9,800 ft) | | |
| Storage | Temperature | 14-122°F / -10 50°C | | |
| | Humidity | 10% - 85% (non-condensing) | | |
| | Altitude | 0-12,000m / 0-39,370ft (above sea level) | | |
| Regulations | USA | UL62368-1, UL60950-1, FCC Part15 ClassA (Marking: UL) | | |
| | Canada | CAN/CSA C22.2, ICES-003 ClassA (Marking CAN ICES-3(A)/NMB-3(A)) | | |
| | Latin America | IEC60950-1, CISPR 32 CLASS A, CISPR 24, IEC61000-3-2/-3-3 | | |
| Laser Safety | USA | FDA 21 CFR 1040.10 and 1040.11, *Risk Group 3 according to Laser Notice 50 | | |
| | Others | IEC60825-1 Ed3 2014 Class1, IEC62471-5 Risk Group3 | | |
| Limited Warranty (Parts & Labor) | | Registered owners receive a 2-year parts and labor warranty | | |
| Model Number | | NC1202L | NC1402L | |

* At normal usage conditions and does not constitute the warranty period.

** At overdrive setting off

*** Without lens and protrusions

**** Without lens

***** This product has been equipped with a laser module and is classified as IEC62471 2006 Risk Group3 in USA and IEC62471-5 Ed1:2015 Risk Group3 in other territories.

DO NOT LOOK DIRECTLY INTO THE BEAM

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