

# Digital Cinema Projector Series

## NC1201L Laser Projector

### DCI-compliant laser light source projector

The NC1201L features 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 20,000\* 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 39.4 ft./12m\*\* in DCI color.



### Delivering Genuine Benefits

- Maintenance-free operation for a long period of time with approximately 20,000\* 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, the NC1201L is 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 NC1201L projector.
- Enjoy lower TCO - up to 20,000 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.

\* This life time may vary depending upon environmental conditions.

\*\* Assuming 1.8:1 gain screen



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| <b>OPTICAL</b><br>Projection Method<br>Light Source<br>Throw Ratio<br>NP-9LS12ZM1 w/ lens memory<br>NP-9LS13ZM1 w/ lens memory<br>NP-9LS16ZM1 w/ lens memory<br>NP-9LS20ZM1 w/ lens memory<br>NP-9LS40ZM1 w/ lens memory<br>Lens Zoom / Focus<br>F-number, f-number<br>NP-9LS12ZM1 w/ lens memory<br>NP-9LS13ZM1 w/ lens memory<br>NP-9LS16ZM1 w/ lens memory<br>NP-9LS20ZM1 w/ lens memory<br>NP-9LS40ZM1 w/ lens memory<br>Lens Shift<br>Resolution<br>Supported Screen Size (max)<br>Tilt Angle<br>Contrast Ratio<br>Cooling Method<br>DMD Specifications | 3-chip DMD reflection method<br>Laser light source<br>1.2 - 1.72:1<br>1.33 - 2.1:1<br>1.62 - 2.7:1<br>2.09 - 3.9:1<br>4.07 - 6.34<br>Motorized<br>F=2.5, f= 18.6 - 26.7mm<br>F=2.5, f= 20.7 - 32.7mm<br>F=2.5, f= 25.2 - 42mm<br>F=2.5, f= 32.2 - 60.3mm<br>F=2.5, f= 62.1 - 97.8mm<br>NP-9LS40ZM1 (motorized) -0.5 to +0.55 Vertical, +/-0.11 Horizontal;<br>ZM1 Series (motorized) -0.5 to +0.5 Vertical, +/-0.11 Horizontal<br>2048 x 1080<br>Up to 39.4 ft./12m @ 14ft-L in DCI color (1.8 gain screen)<br>Tilt Free (vertically)<br>1650:1<br>Air Cooled<br>0.69" DLP chip |
| <b>CONNECTIVITY</b><br>Input Terminals<br>IMS<br>Output Terminals (IMS)<br>External Control<br>IMS<br>Projector                                                                                                                                                                                                                                                                                                                                                                                                                                              | HDMI, 2 x 3GSDI, 1 x USB2, 2 x USB3, 1 x eSATA<br>2 x RJ45 (16-channel AES3-EBU Digital Audio) / 24 bits up to 96 KHz<br>1 x RJ45 (4 x GPI), 1 x RJ45 (6 x GPO) / 3 x RJ45 Gigabit Ethernet<br>1xRJ45 100BASE-T / 1xSERIAL RS232C compliant(D-SUB 9pin female)<br>/ 1xGPIO (D-sub 37 pin female) / 1xGPIO (3D) (D-sub 15 pin female)                                                                                                                                                                                                                                            |
| <b>ELECTRICAL</b><br>Power Requirements<br>Input Current<br>Power Consumption                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 220 - 240V AC, 50/60Hz Single Phase<br>9.2A<br>1304W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>MECHANICAL</b><br>External Dimensions (W x D x H)<br>Weight<br>Fan Noise                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 26.8 x 33.9** x 13.1 in. / 680 x 860** x 333mm<br>146.0 lbs. / 66 kg<br>47 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ENVIRONMENTAL</b><br>Operating Temperature<br>Humidity<br>Storage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 50° - 95°F / 10° - 35°C<br>20-80% non-condensing<br>-14° - 122°F / -10° - 50°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>REGULATIONS</b><br>U.S.<br>Canada<br>Latin America<br>International Laser                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | UL60950-1 / FCC Part15 Class A (Marking: UL)<br>CSA C22.2 CSA60950-1-07 / ICES-003 Class A (Marking: C-UL)<br>IEC60950-1 / EN55022 Class A / EN55024 / EN61000-3-2/-3-3 (Marking: CE)<br>IEC60825-1: 2014 Ed.3 Class 1, IEC62471-1 RG3                                                                                                                                                                                                                                                                                                                                          |
| <b>Limited Warranty (parts &amp; labor)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Registered owners receive a 2-year parts and labor warranty.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>IMS (NP-90MS02)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Integrated Media Server: 2 TB<br>Integrated SMS<br>Full HFR 3D Support (48 Hz/eye, 60 Hz/eye)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

**MAINTENANCE-FREE**

Operation for approximately 20,000\* hours with long life of the light source and DMD.

**SIMPLE OPERATION**

One touch operation, ergonomic keyboard layout and memory functions.

**MANY LENS OPTIONS**

For easy installation.

**HIGH FRAME RATE (HFR) CAPABILITY**

for outstanding picture quality.

**NEC INTEGRATED MEDIA SERVER (IMS)**

As trouble free one-stop solution.

**ORDERING MODEL NUMBERS**

NP-NC1201L-A

This product has been equipped with a laser module and is classified according to Class1 of Safety of Laser Products IEC 60825-1:2014 Ed.3. DO NOT LOOK DIRECTLY INTO THE BEAM.



\* This life time may vary depending upon environmental conditions  
 \*\* Without protrusions

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