

NC1201L Laser Projector

Digital Cinema Projector Series

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



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-NC1201LA

OPTICAL Projection Method Light Source Throw Ratio NP-9LS12ZM1 w/ lens memory NP-9LS13ZM1 w/ lens memory NP-9LS16ZM1 w/ lens memory NP-9LS20ZM1 w/ lens memory NP-9LS40ZM1 w/ lens memory Lens Zoom / Focus F-number, f-number NP-9LS12ZM1 w/ lens memory NP-9LS13ZM1 w/ lens memory NP-9LS16ZM1 w/ lens memory NP-9LS20ZM1 w/ lens memory NP-9LS40ZM1 w/ lens memory Lens Shift Resolution Supported Screen Size (max) Tilt Angle Contrast Ratio Cooling Method DMD Specifications	3-chip DMD reflection method Laser light source 1.2 - 1.72:1 1.33 - 2.1:1 1.62 - 2.7:1 2.09 - 3.9:1 4.07 - 6.34 Motorized F=2.5, f= 18.6 - 26.7mm F=2.5, f= 20.7 - 32.7mm F=2.5, f= 25.2 - 42mm F=2.5, f= 32.2 - 60.3mm F=2.5, f= 62.1 - 97.8mm NP-9LS40ZM1 (motorized) -0.5 to +0.55 Vertical, +/-0.11 Horizontal; ZM1 Series (motorized) -0.5 to +0.5 Vertical, +/-0.11 Horizontal 2048 x 1080 Up to 39.4 ft./12m @ 14ft-L in DCI color (1.8 gain screen) Tilt Free (vertically) 1650:1 Air Cooled 0.69" DLP chip
CONNECTIVITY Input Terminals IMS Output Terminals (IMS) External Control IMS Projector	HDMI, 2 x 3GSDI, 1 x USB2, 2 x USB3, 1 x eSATA 2 x RJ45 (16-channel AES3-EBU Digital Audio) / 24 bits up to 96 KHz 1 x RJ45 (4 x GPI), 1 x RJ45 (6 x GPO) / 3 x RJ45 Gigabit Ethernet 1xRJ45 100BASE-T / 1xSERIAL RS232C compliant(D-SUB 9pin female) / 1xGPIO (D-sub 37 pin female) / 1xGPIO (3D) (D-sub 15 pin female)
ELECTRICAL Power Requirements Input Current Power Consumption	220 - 240VAC, 50/60Hz Single Phase 9.2A 1304W
MECHANICAL External Dimensions (W x D x H) Weight Fan Noise	26.8 x 33.9** x 13.1 in. / 680 x 860** x 333mm 146.0 lbs. / 66 kg 47 dB
ENVIRONMENTAL Operating Temperature Humidity Storage	50° - 95°F / 10° - 35°C 20-80% non-condensing -14° - 122°F / -10° - 50°C
REGULATIONS U.S. Canada Latin America International Laser	UL60950-1 / FCC Part15 Class A (Marking: UL) CSA C22.2 CSA60950-1-07 / ICES-003 Class A (Marking: C-UL) IEC60950-1 / EN5022 Class A / EN55024 / EN61000-3-2/-3-3 (Marking: CE) IEC60825-1: 2014 Ed.3 Class 1, IEC62471-1 RG3
Limited Warranty (parts & labor)	Registered owners receive a 2-year parts and labor warranty.
IMS (NP-90MS02)	Integrated Media Server: 2 TB Integrated SMS Full HFR 3D Support (48 Hz/eye, 60 Hz/eye)

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

Sharp NEC Display Solutions of America

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