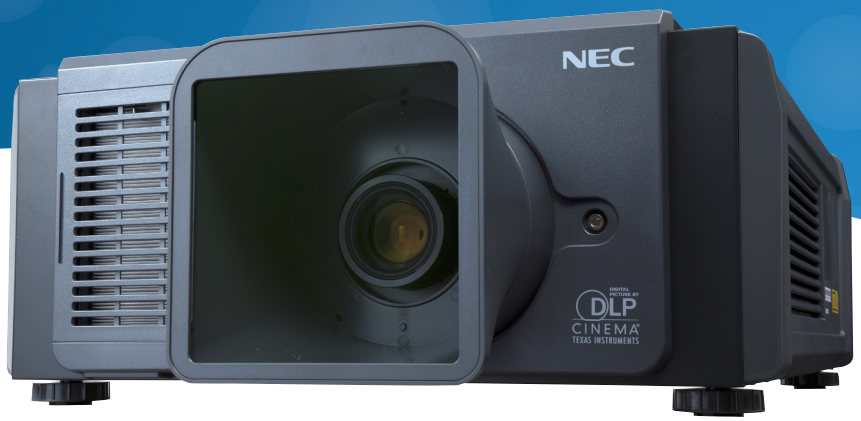
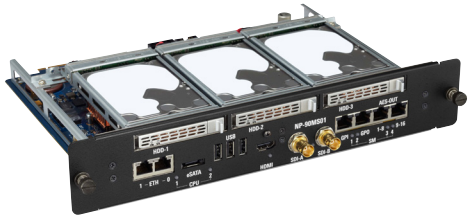
Digital Cinema Projector Series

NC1100L projector



The NC1100L laser light source projector is the first of its kind to be DCI-compliant. This model 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 36 ft./11m** in DCI color.



*An "all in one" Integrated Media Server with 2 TB Raid5 Storage offers versatile connectivity and savings with less peripheral devices needed. A host of integrated features includes a built-in 2 TB Raid5 screen server, 2 x 3GSDI and 1 x HDMI** Interfaces, advanced network and built-in GPIO functions.*

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 NC1100L is suitable for floor and ceiling installation and versatile content playback

Outstanding Performance

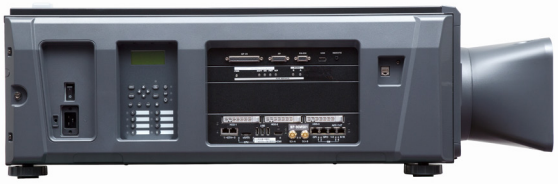
- Steady and reliable operation without any risk of black screen
  - -No downtime while exhibition of contents with Laser Light Source, with which brightness may slightly decrease
- Longevity and lower maintenance provide for greater customer satisfaction with the introduction of the laser light source NC1100L 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.

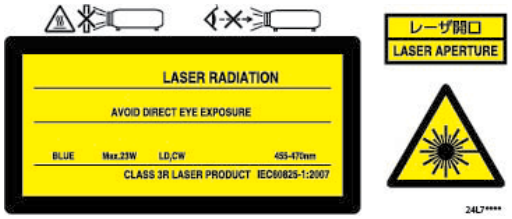
* This life time may vary depending upon environmental conditions.
** Assuming 1.8:1 gain screen

Specifications for NC1100L

MODEL	NC1100L
OPTICAL	
Projection Method	3-chip DMD reflection method
Light Source	Laser light source
Throw Ratio	
NP-9LS16Z1	1.63 - 2.03:1
NP-9LS20Z1	2.03 - 2.72:1
NP-9LS12ZM1 w/ lens memory	1.2 - 1.72:1
NP-9LS13ZM1 w/ lens memory	1.33 - 2.1:1
NP-9LS16ZM1 w/ lens memory	1.62 - 2.7:1
NP-9LS20ZM1 w/ lens memory	2.09 - 3.9:1
Lens Zoom / Focus	Motorized
F-number, f-number	
NP-9LS16Z1	F=2.5, f= 25.5 - 32mm
NP-9LS20Z1	F=2.5, f= 31.9 - 42.6mm
NP-9LS12ZM1 w/ lens memory	F=2.5, f= 18.6 - 26.7mm
NP-9LS13ZM1 w/ lens memory	F=2.5, f= 20.7 - 32.7mm
NP-9LS16ZM1 w/ lens memory	F=2.5, f= 25.2 - 42mm
NP-9LS20ZM1 w/ lens memory	F=2.5, f= 32.2 - 60.3mm
Lens Shift	Z Series (motorized) -0.5 to +0.55 Vertical, +/-0.11 Horizontal; ZM Series (motorized) -0.5 to +0.5 Vertical, +/-0.11 Horizontal
Resolution	2048 x 1080
Supported Screen Size (max)	Up to 36 ft./11m @ 14ft-L in DCI color (1.8 gain screen)
Tilt Angle	+10 / -15 degree
Contrast Ratio	1750:1
Cooling Method	Air cooling with dust-preventing electrostatic filter
DMD Specifications	0.69" DLP chip
CONNECTIVITY	
Input Terminals	
IMS****	HDMI***, 2 x 3GSDI, 3 x USB Type A, 1 x eSATA
Projector****(Optional Boards)	NC-80DS01-B: 2 x dual HDSDI, 2 x DVI (HDCP) NC-80LB01-B: 2 x dual HDSDI, 2 x DVI (HDCP) + Enigma (for cinema server)
Output Terminals (IMS)	2 x RJ45 (16-channel AES3-EBU Digital Audio) / 24 bits up to 96 KHz
External Control	
IMS	2 x RJ45 (4 GPI and 6 GPO) / 2 x RJ45 Gigabit Ethernet
Projector	1 x RJ45 Gigabit Ethernet / 1 x GPIO (D-sub 37 pin female) / 1 x GPIO (3D) (D-sub 15 pin female)
ELECTRICAL	
Power Requirements	220 - 240V AC, 50/60Hz Single Phase
Input Current	8.2A
Power Consumption	1608W
MECHANICAL	
External Dimensions	27.6 x 41** x 12.4 in. / 700 x 1042** x 314mm
Weight	139 lbs. / 63 kg
Fan Noise	54 dB
ENVIRONMENTAL	
Operating Temperature	50° – 95°F / 10° – 35°C
Humidity	10-85% non-condensing
Storage	-14° – 122°F / -10° – 50°C
REGULATIONS	
U.S.	UL60950-1 / FCC Part15 Class A (Marking: UL, FCC)
Canada	CSA60950-1 / ICES-003 Class A (Marking: C-UL, DoC of Canada)
Latin America	IEC60950-1 / EN55022 Class A / EN55024 / EN61000-3-2/-3-3 (Marking: CE)
International Laser	IEC60825-1 Class 3R
Limited Warranty (parts & labor)	Registered owners receive a 2-year parts and labor warranty.
IMS	Integrated Storage Server: 2 TB RAID5 Integrated SMS 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.
- **GREAT CONNECTIVITY** including 2 x 3GSDI and 1 x HDMI*** interfaces.





ORDERING MODEL NUMBERS

NP-NC1100L-A

* This life time may vary depending upon environmental conditions

** Includes lens hood - 7.7in/195mm

****Input terminals are selectable between the IMS or Optional boards using a single slot

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