

## NEC NC1202L Cinema Laser Projector

### Datasheet



#### Quietest projection performance for mid-sized screens

Built upon the latest Laser light source technology, the NC1202L digital cinema projector impresses audiences with crisp colours and premium quality imaging. At just 48dB in operation, the almost silent projector supports boothless cinema solutions.

Highly flexible, without the need for a special exhaust system, the projector is easy to install and suitable for ceiling, floor or mobile applications in mid-sized theatres with screen sizes of up to 12m wide.

With maintenance-free operation including protection against dust ingress and a low, eco-friendly power consumption, theatre operators benefit from a reduced overall total cost of ownership (TCO) and therefore achieve a greater per seat revenue.

Treat your movie-goers to next generation digital cinema projection for immersive, out-of-this-world motion picture experiences.

### Benefits

**Compact, lightweight and quiet** - easy installation in small projection booths, easy transportation for mobile cinemas and perfectly suited for boothless cinemas.

**Sealed optical engine** - minimising dust ingress, consistent performance is assured and no special maintenance is required.

**Highly flexible** - with no exhaust system required, the NC1202L is suitable for floor and ceiling installation and versatile content playback.

**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.

## Product Information

Product Name	NEC NC1202L
Product Group	Cinema Laser Projector
Order Code	NP-NC1202L

## Optical

Projection Method	3-chip DLP Cinema® Technology
Screen Size [m]	up to 12 in DCI colour (1.8 Gain screen)
Contrast Ratio	1600:1
Light Source	Laser Light Source, expected life: up to 50000 h <sup>1</sup>
Lens	Zoom / Focus / Shift: Motorized Other: Range of shift is dependent on lens Primary Lenses: NP-9LS12ZM1: 1.2-1.72:1; NP-9LS13ZM1: 1.33-2.1:1; NP-9LS16ZM1: 1.62-2.7:1; NP-9LS20ZM1: 2.09-3.9:1
DMD Specifications	2048 x 1080 Chip: 0.69" S2K, DLP Cinema® Technology
Cooling Method	Liquid: Air and liquid cooling inside

## Connectivity Projector

External Controls	1 x GPIO (3D) (D-sub 15 pin female); 1 x GPIO (D-sub 37 pin female); 1 x RJ45 100Base-T
-------------------	---

## Environmental Conditions

Operating Temperature [°C]	10 to 35
Operating Humidity [%]	10 to 85 - non-condensing
Storage Temperature [°C]	-10 to 50
Storage Humidity [%]	10 to 85 - non-condensing

## Electrical

Power Supply	Built-in power supply Projector Power Supply Unit: 200 to 240V AC, 50/60Hz, single phase
Rated Input Current	Projector power: 9.5A @ 200V-240V
Power Consumption [W]	1050 max.
Heat Dissipation (BTU)	3583 max.

## Mechanical

External Dimensions (W x H x D) [mm]	700 x 288 x 812 (without lens and protrusions)
Weight [kg]	69 (without lens)
Fan Noise [dB (A)]	< 46

## Additional Features

Special Characteristics	Built-in IMS (IMS3000, optional); Compact model; Dust sealed optical engine; Full HFR 3D support; Laser Light System; Latest digital technology; Low TCO; Metal filter
-------------------------	--

## Green Features

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

## Interfaces: Dolby IMS3000 (optional)

External Controls	2 x RJ45 (4 GPI and 6 GPO); 2 x RJ45 Gigabit Ethernet
Input Terminals	1 x USB Type 2.0; 2 x 3GSDI bidirectional (input and output); 2 x USB Type 3.0; eSATA; HDMI

Output Terminals	2 x RJ45 (16-channel AES3-EBU Digital Audio)
Additional Features	HFR 3D Support (48 Hz/eye, 60 Hz/eye); Integrated SMS; Integrated Storage: 2 TB (DCP, RAID5); NAS support
Manufacturer	Dolby (The Dolby IMS3000 is not a NEC product. NEC shall not in any way be liable for any product specifications).

## Regulations

Australia / New Zealand	AS / NZS62368.1, AS / NZS CISPR 32 ClassA (Marking: RCM)
Laser / Lamp standard	IEC60825-1 Ed3 : 2014 Class1, IEC62471-5 Ed1 : 2015 Risk Group3

## Warranty

Warranty	2 years, parts warranty
Light Source	2 years or 7500h (whatever comes first)

<sup>1</sup> 50% of initial brightness at the end of specified laser life time at 25 degree ambient temperature, under normal usage condition, not covered by standard warranty

\* This product has been equipped with a laser module and is classified as Class1 of IEC60825-1 Ed3 2014 and is classified as RG3 of IEC62471-5 Ed1 2015.

DO NOT LOOK DIRECTLY INTO THE BEAM

## For more information:

 [www.sharp.net.au](http://www.sharp.net.au)



[VisualSolutions@sharp.net.au](mailto:VisualSolutions@sharp.net.au)



[1300 135 022](tel:1300135022)

SHARP CORPORATION OF AUSTRALIA PTY LTD, P.O. Box 84, Macquarie Park, NSW, 2113: ABN 40 003 039 405

This document is © 2024 Sharp NEC Display Solutions Ltd.

All rights reserved in favour of their respective owners. All hardware and software names are brand names and/or registered trademarks of the respective manufacturers. All specifications are subject to change without notice. Errors and omissions are excepted. (Apr 2024)