Empowered by Innovation

# NEC NC1100L

**Order Code: 60003700**

**NEC Laser Projector**






The NC1100L, the world's first compact Digital Cinema projector using Laser Light Source, is the ideal Digital Cinema solution for smaller screens or small projection booths at the highest quality and affordable price. The 2K DCI-compliant cinema quality means an outstanding image that is bright enough to display on screens up to 11m* in DCI colour (*assuming 1.8:1 gain screen).

**Steady and reliable operation without any risk of black screen** - much more brightness stability during the life time of the light source.

**A host of integrated features** - including built-in 2TB screen server, 2 x 3G SDI Interfaces, HDMI interface for alternative content, advanced network and built-in GPIO functions.

## Benefits

**Highly flexible** - as no exhaust system is required, making the NC1100L suitable for floor and ceiling installation and versatile content playback.

**Enjoy next to zero maintenance experience** - no lamp replacement cost, no maintenance labour, no lamp stock due to the innovative Laser Light engine.

**Compact and Lightweight** - easy to install in small projection booths and easy to transport for mobile cinema.

**Enjoy Lower TCO** - highest reliability, maintenance free operation, low power consumption and up to 20000 hours life time of the Laser light source results in much lower total cost of ownership.

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| Technical Specification NEC NC1100L | |
|---|---|
| **OPTICAL** | |
| Projection Method | 3-chip DMD reflection method |
| Screen Size [m] | up to 11 in DCI colour (1.8 Gain screen) |
| Contrast Ratio | 1750:1 |
| Lamp | Laser Light Source, Expected Life: 20000 h |
| Lens | Zoom / Focus / Shift: Motorized<br>Other: Range of shift is dependent on lens<br>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<br>Chip: 0.69" DLP |
| Cooling Method | Air cooling with dust-preventing electrostatic filter |
| **CONNECTIVITY IMS** | |
| External Controls | 2 x RJ45 (4 GPI and 6 GPO); 2 x RJ45 Gigabit Ethernet |
| Input Terminals | 2 x 3GSDI bidirectional (input and output); 3 x USB Type A; eSATA; HDMI |
| Output Terminals | 2 x RJ45 (16-channel AES3-EBU Digital Audio) |
| **CONNECTIVITY PROJECTOR** | |
| External Controls | 1 x GPIO (3D) (D-sub 15 pin female); 1 x GPIO (D-sub 37 pin female); 1 x RJ45 Gigabit Ethernet |
| Input Terminals (option boards) Alternatively to IMS | 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) |
| **ELECTRICAL** | |
| Power Supply | Built-in power supply<br>Projector Power Supply Unit: 200 to 240V AC, 50/60Hz, single phase |
| Power Consumption [W] | 1608 max. |
| **ENVIRONMENTAL CONDITIONS** | |
| Operating Temperature [°C] | 10 to 35 |
| Operating Humidity [%] | 10 to 85 - non-condensing |
| Storage Temperature [°C] | -10 to 50 |
| Storage Humidity [%] | 5 to 95 - non-condensing |
| **MECHANICAL** | |
| External Dimensions (W x H x D) [mm] | Projector Head: 700 x 314 x 1,042 |
| IMS | Full HFR 3D Support (48 Hz/eye, 60 Hz/eye); Integrated SMS; Integrated Storage Server: 2 TB RAID5 |
| Weight [kg] | 63 (without lense) |
| Fan Noise [dB (A)] | < 54 |
| Regulations Europe | CE; EN55022 1998, Class A; EN55024 1998; EN60950-1; EN61000-3-2; EN61000-3-3; TÜV-GS |
| Regulations Russia | EAC; EN55022 1998, Class A; EN55024 1998; EN61000-3-2; EN61000-3-3; IEC60950-1 |
| **ADDITIONAL FEATURES** | |
| Special Characteristics | Additional security; Built-in IMS; Full HFR 3D support; Integrated SMS; Integrated storage server: 2 TB net capacity; Laser Light System; Latest digital technology; Maintenance free; Reduced costs; Stunning and varied content; Unsurpassed quality |
| **WARRANTY** | |
| Warranty | 2 years, parts warranty |
| **GREEN FEATURES** | |
| Ecological Materials | Eliminate waste and landfill implications associated with 35mm media |

