The NC900C is the ideal digital cinema projection solution for theaters with small screens or projection booths that are looking for high-quality cinema projection at an affordable price. This projector also delivers a solution for art houses, mobile cinemas, theaters in universities and public buildings, and even for high-end home cinemas. The 2K DCI-compliant cinema quality means an outstanding image that is bright enough to display 14 ft-L on screens up to 30 ft./9m* 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

- Compact and lightweight - easy to install in small projection booths and easy to transport for mobile cinema
- Enjoy lower TCO - easy lamp replacement, lower lamp cost and simple servicing. You can enjoy better quality imaging while experiencing an overall lower cost of ownership.
- 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 NC900C is suitable for floor and ceiling installation and versatile content playback

### Outstanding Performance

- A brand new S2K chip set from TI makes the NC900C the most compact 2K DCI-certified digital cinema projector on the market
- Improved mobility and easy exchange of lamps and lenses makes the NC900C perfect for smaller theaters and venues
- Easy dual lamp system ensures no blackscreen. In the unlikely event of a single lamp issue, the projector will continue to operate with a single lamp. A new lamp can be replaced while the projector is still operating, ensuring that there is no interruption to the movie or event. Note: This hot-swap functionality will be available in spring 2013 via projector software.

* assuming 1.8:1 gain screen
Specifications for NC900C

<table>
<thead>
<tr>
<th>MODEL</th>
<th>NC900C</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPTICAL</td>
<td>3-chip DMD reflection method</td>
</tr>
<tr>
<td>Projection Method</td>
<td></td>
</tr>
<tr>
<td>Throw Ratio</td>
<td>1.36 - 1.63:1</td>
</tr>
<tr>
<td>NP-9LS14Z</td>
<td>1.63 - 2.03:1</td>
</tr>
<tr>
<td>NP-9LS16Z</td>
<td>2.03 - 2.72:1</td>
</tr>
<tr>
<td>NP-9LS27Z</td>
<td>2.72 - 4.07:1</td>
</tr>
<tr>
<td>NP-9LS40Z</td>
<td>4.07 - 6.34:1</td>
</tr>
<tr>
<td>Lens Zoom / Focus</td>
<td>Motorized</td>
</tr>
<tr>
<td>F-number, f-number</td>
<td></td>
</tr>
<tr>
<td>NP-9LS14Z</td>
<td>F=2.5, f= 21.2 - 25.8mm</td>
</tr>
<tr>
<td>NP-9LS16Z</td>
<td>F=2.5, f= 25.5 - 32mm</td>
</tr>
<tr>
<td>NP-9LS27Z</td>
<td>F=2.5, f= 31.9 - 42.6mm</td>
</tr>
<tr>
<td>NP-9LS40Z</td>
<td>F=2.5, f= 40.8 - 62.8mm</td>
</tr>
<tr>
<td>Lens Shift</td>
<td>Motorized -0.5% to +0.05% Vertical, +/-0.11% Horizontal</td>
</tr>
<tr>
<td>Resolution</td>
<td>Up to 30 ft./9m@14ft-L in DCI color (1.8 gain screen)</td>
</tr>
<tr>
<td>Lamp Bulbs</td>
<td>2048 x 1080</td>
</tr>
<tr>
<td>Supported Screen Size (max)</td>
<td>1600:1</td>
</tr>
<tr>
<td>Cooling Method</td>
<td>Air cooling with dust-preventing electrostatic filter</td>
</tr>
<tr>
<td>DMD Specifications</td>
<td>0.69” DLP chip</td>
</tr>
</tbody>
</table>

CONNECTIVITY

Input Terminals
IMS
Projector (Optional Boards)
HDMI**, 2 x 3GSDI, 3 x USB Type A, 1 x eSATA
NC-BO0501-B: 2 x dual HDSDI, 2 x DVI (HDCP)
NC-BO0701-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
Output Terminals (IMS)
2 x RJ45 (4 GPI and 6 GPO) / 2 x RJ45 Gigabit Ethernet
2 x RJ45 Gigabit Ethernet / 1 x GPIO (D-sub 37 pin female) / 1 x GPIO (D-sub 15 pin female)

ELECTRICAL

Power Requirements
Input Current
Dual Lamp
100 - 240V AC, 50/60Hz Single Phase
100 to 130V: 10.3A to 7.9A / 200 to 240V: 5.1A to 4.3A
Power Consumption
Dual Lamp
1025W / 985W

MECHANICAL

External Dimensions
Weight
97 lbs. / 44 kg
Fan Noise
52 dB

ENVIRONMENTAL

Operating Temperature
50° - 95°F / 10° - 35°C
Humidity
30-85% non-condensing
Storage
-14° - 122°F / -10° - 50°C

REGULATIONS

U.S.
UL60950-1 / FCC Part15 Class A (Marking: UL)
Canada
CSA60950-1 / ICES-003 Class A (Marking: C-UL)
Latin America
IEC60950-1 / EN55022 Class A / EN55024 / EN61000-3-2/-3-3 (Marking: CE)

Limited Warranty (parts & labor)
Registered owners receive a 2-year parts and labor warranty. The lamp is covered for 2 years or 3000 hours, whichever comes first.

IMS
Integrated Storage Server: 2 TB RAID5
Integrated SMS
Full HFR 3D Support (48 Hz/eye, 60 Hz/eye)

ORDERING MODEL NUMBERS
NP-NC900C-A

• MINIMAL MAINTENANCE and trouble-free lamp replacement. Operator can replace lamps without any special protection.
• 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.

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