

# NEC NC900C

Order Code: 60003356

NEC NC900C Digital Cinema Projector

The NC900C is the ideal Digital Cinema Projection solution for Cinemas with small screens or small projection booths that are looking for High Quality Cinema Projection at an affordable price, or for Art Houses, Mobile Cinemas, Cinemas in Universities and Public Buildings. The 2K DCI Compliant Cinema quality means an outstanding image that is bright enough to display on screens up to 9.5m\* in DCI colour (\*assuming 1.8:1 gain screen).



## DELIVERING GENUINE BENEFITS

**Bring Your Establishment Into The IT Age** - easy distribution of movies and media, copyright and licensing management offered in all IT formats.

**Enjoy Lower TCO** - easy lamp replacement, lower lamp cost and simple servicing. You can enjoy better quality imaging whilst experiencing an overall lower cost of ownership.

**Play HFR 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.

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

**Highly flexible** - as no exhaust system is required, making the NC900C suitable for floor and ceiling installation and versatile content playback.

**Hot Lamp Swapping** - individual lamp replacement is possible whilst continuing projection, no black screen.



## OUTSTANDING PERFORMANCE

- **A brand new S2K chip set from TI** makes the new NEC NC900C the most compact 2K DCI Certified Digital Cinema Projector on the market.
- **An 'all in one' Integrated Media Block and 2TB Storage Server** offers versatile connectivity and savings with less peripheral devices needed.
- **Improved Mobility and easy exchange of lamps and lenses** makes the NC900C perfect for smaller cinemas and venues.
- **Easy Dual Lamp System ensures no blackscreen**, if one lamp is end of life, the other continues to deliver pictures.
- **A host of integrated features** include built-in 2TB screen server, 2 x 3G-SDI Interfaces, HDMI interface for alternative content, advanced network and built-in GPIO functions.

Integrated IMS: NP-90MS01



## OUTSTANDING PERFORMANCE

- **Minimal Maintenance** and trouble-free lamp replacement. Operator can replace 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 3G-SDI interfaces and HDMI interface.

Technical Specification NEC NC900C	
<b>OPTICAL</b>	
Projection Method	3-chip DMD reflection method
Screen Size [m]	up to 9.5 in DCI colour (1.8 Gain screen)
Contrast Ratio	1800:1
Lamp	350 W x 2 NSH Lamps
Lens	Zoom / Focus / Shift: Motorized Other: Dowser (light shutter); Range of shift is dependent on lens Primary Lenses: NP-9LS12ZM: 1.2-1.72:1; NP-9LS13ZM: 1.33-2.1:1; NP-9LS16ZM: 1.62-2.7:1; NP-9LS20ZM: 2.09-3.9:1; NP-9LS40Z: 4.07-6.34:1
DMD Specifications	2048 x 1080 Chip: 0.69" DLP
Cooling Method	Air cooling with dust-preventing electrostatic filter
<b>CONNECTIVITY IMS</b>	
External Controls	2 x RJ45 (4 GPI and 6 GPO); 2 x RJ45 Gigabit Ethernet
Input Terminals	2 x 3G-SDI bidirectional (input and output) <sup>1</sup> ; eSATA; HDMI; 3 x USB Type A
Output Terminals	2 x RJ45 (16-channel AES3-EBU Digital Audio)
<b>CONNECTIVITY PROJECTOR</b>	
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)
<b>ELECTRICAL</b>	
Power Supply	Built-in power supply Projector Power Supply Unit: 200 to 240V AC, 50/60Hz, single phase
Power Consumption [W]	Dual Lamp: 200 - 240 V; 5.1 - 4.3 A; 985 W
<b>ENVIRONMENTAL CONDITIONS</b>	
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
<b>MECHANICAL</b>	
External Dimensions (W x H x D) [mm]	Projector Head: 621 x 798 x 314
IMS	Full HFR 3D Support (48 Hz/eye, 60 Hz/eye); Integrated SMS; Integrated Storage Server: 2 TB RAID5
Weight [kg]	44 (without lense)
Regulations Europe	CE; CE; EN55022 1998, Class A; EN55024 1998; EN61000-3-11; EN61000-3-12; GOST-R; IEC60950-1; IEC62301; TÜV-GS
<b>WARRANTY</b>	
Warranty	2 year, parts warranty

<sup>1</sup> available via update in summer 2013

## SPECIAL CHARACTERISTICS

621 x 798 x 314, eSATA, HDMI, Integrated storage server: 2 TB net capacity, Additional security, Built-in IMS, Easy-lamp system, Full HFR 3D support, Integrated SMS, Latest digital technology, Reduced costs, Stunning and varied content, Unsurpassed quality



**Ecological Materials** Eliminate waste and landfill implications associated with 35mm media