

NEC NC2000C

ORDER CODE: 60002815

NEC NC2000C Digital Cinema Projector

Bring your establishment into the future with the NEC NC2000C DLP Digital Cinema Projector.

Delivering exceptional image quality, brightness, resolution, contrast and colours together with a wealth of new revenue generation opportunities and backed by the trusted performance of one of the biggest names in Digital Cinema Technology.

An ideal solution for Cinemas, Theatres, Conference Halls, Auditoriums.



DELIVERING GENUINE BENEFITS

Generate Greater Per Seat Revenue Achieve additional income from showing higher quality, more entertaining media and arranging alternative sports, broadcast and education media during off peak operational times.

Play Captivating 3D Content Take your establishment into the next generation and stay in touch with the new competition with the latest digital content, which is becoming more and more an essential element of the latest movies and media.

Enjoy Lower TCO With easy servicing, more durable components and advanced servicing options you can enjoy better quality imaging whilst experiencing an overall lower cost of ownership.

Bring Your Establishment Into The IT Age Easy distribution of movies and media with copyright and licensing management together with simple and advanced management of new IT format.



OUTSTANDING PERFORMANCE

- **SUITABLE FOR LARGER VENUES** Create outstanding images for screens up to 20m wide, with assured brightness of 17.000 Lumens using 4.0KW high-efficiency action lamp.
- **HIGH RESOLUTION AND CONTENT** Utilising DLP Cinema Technology from Texas Instruments. Exceptional image and colour quality with contrast ratios of 2200:1 or higher by using DMD chips that support a resolution of 2048 x 1080. This projector faithfully reproduces digital cinema and high-definition input sources requiring superior colour reproduction and wide gradation.
- **HIGH RELIABILITY** Newly designed separate cooling system creates positive air pressure internally to prevent contaminations from entering the optical system and lamp area. Lamp cooling air flow is separate from the main optics and electronics.

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INTUITIVE KEYBOARD LAYOUT

- **AUTOLAMP BRIGHTNESS AND CONTROL** Minimise fluctuations that occur during the life of the lamp. The brightness level will not decrease as the lamp is consumed. These projectors optimise lamp performance and ensure the brightest and most uniform image possible for the life of the lamp.
- **MINIMAL MAINTENANCE** Trouble-Free lamp replacement. Technicians can replace lamps simply from the back of the projector even in cramped space.
- **SIMPLE OPERATION** One touch operation, ergonomic keyboard layout and memory functions. Optional scaler/switcher for alternative content processing.
- **BUILT IN WEBSERVER** Access and control projectors from any authorised web browser.
- **WIDE CONVERTOR LENS AND MOTORISED TURRET**
- **FULL PANEL TRIPLE-FLASH CAPABILITY** Amazing 3D brightness.

SPECIAL CHARACTERISTICS

- **LATEST DIGITAL TECHNOLOGY** Reduced costs, stunning and varied content, additional security, unsurpassed quality.



- Ecological Materials:** Minimal use of harmful materials
- Less Consumption:** Eliminate waste and landfill implications associated with 35mm media.

Save printing waste. All NEC datasheets are available for download at our website www.nec-display-solutions.com

* C1 connection: AC power of projector head and lamp power supply provided by separate cables
 ** C2 connection: AC power of projector head and lamp power supply provided by separate cables

Technical Specifications NEC NC2000C	
PROJECTION METHOD	3-chip DMD reflection method
OPTICAL	
Screen size	5 to 20m
Brightness	17,000 lumens when using 4.0KW high-efficiency Xenon lamp bulb
Contrast Ratio	> 2200:1 (full on/off)
Lamp	High-efficiency Xenon lamp option (NEC 4.0 KW)
Lens	
Primary Lenses (for 0.98" DLP Chip)	1.3 to 1.75:1 zoom 2.4 to 3.9:1 zoom 1.4 to 2.05:1 zoom 3.9 to 6.52:1 zoom 1.9 to 3.25:1 zoom
Focus	Motorized
Zoom	Motorized
Shift	Horizontal/Vertical Motorized
Other	Dowser (light shutter) Lens memory stores lens setting (shift/zoom/focus) Range of shift is dependent on lens
DMD Specifications	
Chip	0.98" DLP
Tilt Angle	12°
Pixels	2048 x 1080
Cooling method	
Liquid	Liquid cooling inside, air cooling with dust-preventing electrostatic filter
Total thermal dissipation	18.800 BTU
Projector exhaust	13 m ³ /min
Demand of exhaust duct	Yes
SIGNAL COMPATIBILITY/CONNECTIVITY	
External Controls	1 x LAN port [RJ-45] 1 x USB port [Type A] 1 x Serial port (RS-232C) [D-sub(9-pin)] 1 x General Purpose I/O [D-sub (37-pin)] 1 x General Purpose I/O for 3D (1 x D-sub [15-pin]) 1 x Remote control connector
Input Terminals	4 x HD-SDI port [BNC] 2 x DVI port [DVI-digital]
ELECTRICAL	
Power Supply Voltage	
Projector power supply unit	C1 Connection*: 200 to 240V AC, 50/60Hz, single phase C2 Connection**: 100 to 240V AC, 50/60Hz, single phase
Lamp power supply unit	C1 Connection*: 200 to 240V AC, 50/60Hz, single phase C2 Connection**: 200 to 240V AC, 50/60Hz, single phase
Rated Input Current	
Projector power	C1 Connection*: 30A@200V C2 Connection**: 5A@100V, 2.5A@200V
Lamp power	C1 Connection*: 30A@200V C2 Connection**: 27A
Power Consumption	
Projector power	C1 Connection*: 5500VA@200V C2 Connection**: 500VA
Lamp power	C1 Connection*: 5500VA@200V C2 Connection**: 5000VA
ENVIRONMENTAL	
Operational Temp	5° to 35° C
Humidity	10% to 85% (non-condensing)
Storage	-10° to 50° C
MECHANICAL	
External Dimensions (W x D x H)	700 x 990 x 503 mm Excluding lens, lens hood and exhaust stack
Net Weight: Projector head	99 kg (excluding lens)
Fan Noise	Less than 62 dB
Regulation - Europe	EN55022 1998, Class A EN61000-3-11 EN55024-1998 EN61000-3-12
ACCESSORIES (option)	Wide converter lens and motorized turret, built-in alternative content processor, optional input boards for alternative content processor, air filter,
WARRANTY	1 year, parts warranty
Additional accessories are available. Visit www.nec-display-solutions.com for details.	