

NC2000C Digital Cinema Projector

Datasheet



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.

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 – with easy servicing, more durable components and advanced servicing options. You can enjoy better quality imaging whilst experiencing an overall lower cost of ownership.

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 ahead of the competition with the latest digital content, an increasingly essential element of the latest movies and media.

Product Information

Product Name	NC2000C
Product Group	Digital Cinema Projector
Order Code	60002815

Optical

Screen Size [m]	5 to 20
Brightness	18300 lumens when using 4KW high-efficiency Xenon lamp bulb
Contrast Ratio	2200 : 1 or above (full on / off)
Lamp	High-efficiency Xenon lamp option (4 KW)
Lens	Zoom / Focus: Motorized; Motorized Shift: Horizontal/Vertical Motorized Other: Dowser (light shutter); Lens memory stores lens setting (shift/zoom/focus); Range of shift is dependent on lens Primary Lenses: 1.2 to 1.8:1 zoom; 1.3 to 1.75:1 zoom; 1.4 to 2.05:1 zoom; 1.59 to 2.53:1 zoom; 1.9 to 3.25:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.52:1 zoom
DMD Specifications	2048 x 1080 Chip: 0.98" DLP Tilt Angle [°]: 12
Cooling Method	Liquid: Cooling inside, air cooling with dust-preventing electrostatic filter Total thermal dissipation [BTU]: 18800 Projector exhaust [m ³ /min]: 13 Demand of exhaust duct: Yes

Connectivity

External Controls	1 x D-Sub 37 pin (GPIO); 1 x D-Sub 15-pin (3D); 1 x D-Sub 9 pin (RS-232); 1 x Remote control connector; 1 x RJ45; 1 x USB port (TypeA)
Input Terminals	2 x DVI-D; 4 x HDSDI (BNC)

Electrical

Power Supply	Projector Power Supply Unit: C1 Connection (single cable): 200 to 240V AC, 50/60Hz, single phase; C2 Connection (separate cable): 100 to 240V AC, 50/60Hz, single phase Lamp power supply unit [KVA]: C1 Connection (single cable): 200 to 240V AC, 50/60Hz, single phase; C2 Connection (separate cable): 200 to 240V AC, 50/60Hz, single phase
Power Consumption [W]	5330 max.

Environmental Conditions

Operating Temperature [°C]	5 to 35
Operating Humidity [%]	10 to 85 - non-condensing
Storage Temperature [°C]	-10 to 50

Mechanical

External Dimensions (W x H x D) [mm]	Projector Head ¹ : 700 x 503 x 990
Weight [kg]	99 (without lens)
Fan Noise [dB (A)]	< 62
Regulations Europe	EN55022 1998, Class A; EN55024 1998; EN61000-3-11; EN61000-3-12

Optional Accessories

Optional Accessories	Air filter; Built-in alternative content processor; Optional input boards for alternative content processor; Wide converter lens and motorized turret
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Warranty

Warranty	2 years, parts warranty
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Green Features

Ecological Materials	Eliminate waste and landfill implications associated with 35mm media
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¹ Excluding lens and lens hood

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