

NEC NC1000C Digital Cinema Projector

Datasheet



Small yet powerful! Epic cinematic experiences for mobile and smaller cinema screens

Designed for theatres with smaller screens or small projection booths, the NC1000C projector delivers an enhanced cinema experience with perfect images. Space-saving and transportation friendly, it also matches the specific demands of mobile cinema applications or theatres without projection booths. The all-in-one Integrated Media Server (IMS) effectively reduces the number of peripheral devices needed for a compact solution.

A unique movie experience with exceptional image quality is ensured thanks to crisp and DCI compliant 2K image display combined with natural colours resulting from a cinema DLP light engine and 3D capabilities. Users benefit from a future-proof investment providing both low initial costs as well as low operational costs with user-friendly accessibility and minimal maintenance required.

This projector is the perfect solution for cinema screens up to 10m for Art Houses, Mobile Cinemas, Cinemas in Universities and Public Buildings.

Benefits

Enjoy a Lower TCO – easy lamp replacement, lower lamp cost and simple servicing; enjoy better quality imaging whilst experiencing an overall lower cost of ownership.

Inspire your audience – present perfect cinema quality with DCI compliant 2K resolution and precise colour processing for the best viewing experience.

Compact, lightweight and quiet – easy installation in small projection booths, easy transportation for mobile cinemas and perfectly suited for boothless cinemas.

Highly flexible – with no exhaust system required, the NC1000C is suitable for floor and ceiling installation and versatile content playback.

All-in-one – The Integrated Media Server (IMS) offers highest flexibility for content management as well as NAS-connectivity and Real-time Ingest whilst reducing the number of peripheral devices required.

Product Information

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| Product Name | NEC NC1000C |
| Product Group | Digital Cinema Projector |
| Order Code | 60004093 |

Optical

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| Projection Method | 3-chip DLP Cinema® Technology |
| Screen Size [m] | up to 10.6 in DCI colour (1.8 Gain screen) |
| Contrast Ratio | 1600:1 |
| Light Source | 400 W x 2 NSH Lamps |
| Lens | Zoom / Focus / Shift: Motorized Other: Dowser (light shutter); Range of shift is dependent on lens 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; NP-9LS40Z1: 4.07-6.34:1 |
| DMD Specifications | 2048 x 1080 Chip: 0.69" DLP |
| Cooling Method | Air cooling with dust-preventing electrostatic filter |

Connectivity Projector

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| External Controls | 1 x GPIO (3D) (D-sub 15 pin female); 1 x GPIO (D-sub 37 pin female); 1 x RJ45 Gigabit Ethernet |
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Environmental Conditions

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| 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 |

Electrical

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| Power Supply | Built-in power supply Projector Power Supply Unit: 200 to 240V AC, 50/60Hz, single phase |
| Power Consumption [W] | Dual Lamp: 1135 W; 200 - 240 V; 4.8 - 5.8 A |

Mechanical

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| External Dimensions (W x H x D) [mm] | Projector Head: 621 x 314 x 798 |
| IMS | Full HFR 3D Support (48 Hz/eye, 60 Hz/eye); Integrated SMS; Integrated Storage Server: 2 TB RAID5 |
| Weight [kg] | 44 (without lens) |
| Fan Noise [dB (A)] | < 48 |

Additional Features

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|-------------------------|---|
| Special Characteristics | Built-in IMS (NP90MS02-4K, optional); Compact model; Easy-lamp system; Integrated SMS; Integrated storage server: 2 TB net capacity; Latest digital technology; Low TCO; Reduced costs; Unsurpassed quality |
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Green Features

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| Ecological Materials | Eliminate waste and landfill implications associated with 35mm media |
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Interfaces: Dolby IMS3000 (optional)

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| External Controls | 2 x RJ45 (4 GPI and 6 GPO); 2 x RJ45 Gigabit Ethernet |
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| Input Terminals | 2 x 3GSDI bidirectional (input and output); 2 x USB Type 3.0; eSATA; HDMI |
| Output Terminals | 2 x RJ45 (16-channel AES3-EBU Digital Audio) |
| Additional Features | HFR 3D Support (48 Hz/eye, 60 Hz/eye); Integrated SMS; Integrated Storage: 2 TB (DCP, RAID5); NAS support; Play ingest |

Regulations

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| Europe | CE; EN55022 1998, Class A; EN55024; EN55024 1998; EN55032 Class A (Marking TUV,CE); EN60950-1; EN61000-3-11; EN61000-3-12; EN61000-3-2/-3-3; GOST-R; IEC60950-1 / EN55022 Class A (Marking EAC); IEC62301; TÜV-GS |
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Warranty

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| Warranty | 2 years, parts warranty |
| Light Source | 1 years or 2500h (whatever comes first) |

Optional Accessories

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| Optional Accessories | Air filter |
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