

## **NEC NC1040L**

Order Code: 60003623 NEC Laser Projector





The future starts now with the new NEC NC1040L 4K laser projector. Delivering outstanding resolution and for the first time on any projection system, colours beyond the DCI or Adobe RGB specifications.

Your pictures will appear more vibrant and stunning than ever before, thanks to the increased colour gamut of the laser. Pictures will appear in more detail, due to the 4K resolution and the accuracy of the laser light.

The NEC NC1040L is a premium solution for Cinemas, Post Production, Rental/Staging, Virtual Reality and Industrial Design.

**4K Resolution** - with the latest Media and 4K DLP® Cinema Technology from Texas Instruments. This projector faithfully reproduces Digital Cinema and 4K high-definition input sources requiring superior colour reproduction by utilising the wider colour gamut of the Laser Light Source.

**High reliability** - as the Solid Light Source of the NC1040L provides up to 20000 hours of expected life at a more stable brightness level without any need of lamp exchange.

## **Benefits**

**Enjoy Lower TCO** - highest reliability, maintenance free operation, low power consumption and up to 20000 hours life time of the Laser light source results in much lower total cost of ownership.

**Flexible Installation** - the small projector head and laser source connected by a fibre tube offer the ulitmate flexibility.

**Premium Solution with the light source of the future** - for creation of outstanding images on screens up to 9.5 m.

**Highest Picture Quality** - full 4K resolution of 4096 x 2160 and an unrivalled colour space create unequalled image quality for the most discernible Cinema, Graphics or even Theme Park applications.







Technical Specification NEC NC1040L	
OPTICAL	
Projection Method	3-chip DMD reflection method
Screen Size [m]	up to 9.5 in DCl colour (1.8 Gain screen)
Brightness	5000 Lumen by using one Laser Source modul
Contrast Ratio	2000:1 (full on/off)
Lamp	Lamp free design
Lens	Zoom / Focus / Shift: 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: 1.13 to 1.66:1 zoom; 1.3 to 1.85:1 zoom; 1.44 to 2.16:1 zoom; 1.63 to 2.71:1 zoom; 1.95 to 3.26:1 zoom; 2.71 to 3.89:1 zoom
Light Source	External Laser Light source connected 2m (or 12m as option) by fiber tube
DMD Specifications	4096 x 2160 Chip: 1.38" DLP Tilt Angle [°]: 12
Cooling Method	Liquid: Liquid cooling inside, air cooling with dust-preventing electrostatic filter
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 D-Sub 9-pin; 1 x Remote control connector; 1 x RJ45; 1 x USB port (TypeA)
Input Terminals	2 x DVI-D (optional); 3 x USB; 4 x 3GSDI (BNC) (optional)
ELECTRICAL	
Power Supply	Projector Power Supply Unit: 100 to 240V AC, 50/60Hz, single phase Laser Unit: 200 to 240V, 50/60Hz, single phase
Power Consumption [W]	Projector Power: 400 Laser Module Power: 1300 typ.
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	10 to 35; Recommended: 10 to 25
Operating Humidity [%]	10 to 85 - non-condensing
Storage Temperature [°C]	-10 to 50
MECHANICAL	
External Dimensions (W x H x D) [mm]	Projector Head <sup>1</sup> : 737 x 364 x 666 Projector Head: 700 x 314 x 1,042 Laser module: 780 x 652 x 450
Weight [kg]	50 (without lense) Projector Head: 50 Laser module: 73
Fan Noise [dB (A)]	< 45 Head: < 45 Laser module: 54 typ.
Regulations Europe	EN55022 1998, Class A; EN55024 1998; EN61000-3-11; EN61000-3-12; EN61000-3-2; EN61000-3-3
ADDITIONAL FEATURES	
Special Characteristics	Flexible installation with separated laser source; High 4K resolution; Laser Light System; Low TCO; Up to 20000 h expected life time without lamp exchange; W laser colour space
OPTIONAL ACCESSORIES	
Optional Accessories	4K SIB input board option; Air filter; IMS option
WARRANTY	
Warranty	2 years, parts warranty
GREEN FEATURES	
Ecological Materials	Eliminate waste and landfill implications associated with 35mm media; Laser technology reduces power usage and reduces replacement materials required

<sup>&</sup>lt;sup>1</sup> Excluding lens and lens hood



