

# NEC NC3240S

Order Code: 60003070

NEC NC3240S Digital Cinema Projector

Bring state of the art 4K 3D projection to your venue with the new NC3204S DLP Digital Cinema Projector. Delivering premium image quality, brightness, resolution, contrast and colours for your premium screens and backed by the trusted performance of one of the biggest names in Digital Cinema technology.

A premium solution for Cinemas, Theatres, Conference Halls, Auditoriums.

## DELIVERING GENUINE BENEFITS

**4K Projection is the ideal compliment for larger screens** - with it's super high resolution image (over 4 times greater than conventional FullHD), true to life colours and enviable contrast levels.

**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.

**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.






## OUTSTANDING PERFORMANCE

- **PREMIUM SOLUTION FOR LARGER VENUES.** Create outstanding images for screens up to 32m wide using 7.0KW high-efficiency action lamp.
- **HIGH RESOLUTION AND CONTENT** with the latest 4K Media and DLP® Cinema Technology from Texas Instruments. Exceptional image and colour quality with contrast ratios of up to 2000:1 or higher by using 4K DMD chips that support a resolution of 4096 x 2160. 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.



### OUTSTANDING PERFORMANCE

- **Minimal Maintenance** and 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 Web Server.** Access and control projectors from any authorised web browser.
- **Wide Converter Lens and Motorized Turret**
- **Full Panel 3D triple-flash Capability.** Amazing 3D brightness.
- **NEC Integrated Media Block Server Option**

### SPECIAL CHARACTERISTICS

Latest digital technology, reduced costs, stunning and varied content, additional security, unsurpassed quality., One stop projection/Server solution



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

Technical Specification NEC NC3240S	
<b>OPTICAL</b>	
Projection Method	3-chip DMD reflection method
Screen Size [m]	12 to 32
Brightness	33000 lumens when using 7KW high-efficiency Xenon lamp bulb
Contrast Ratio	2000:1 (full on/off by using attached cat-eye)
Lamp	High-efficiency Xenon lamp options (7KW)
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: 1.25 to 1.45:1 zoom; 1.44 to 2.05:1 zoom; 1.6 to 2.4:1 zoom; 1.8 to 3:1 zoom; 2.15 to 3.6:1 zoom; 3 to 4.3:1 zoom; 4.3 to 6:1 zoom
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 Total thermal dissipation [BTU]: 35850 Projector exhaust [m³/min]: 16 Demand of exhaust duct: Yes
<b>CONNECTIVITY</b>	
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 USB port (TypeA); 1 x RJ45
Input Terminals	4 x HDSDI (BNC) (optional); 2 x DVI-D (optional)
<b>ELECTRICAL</b>	
Power Supply	Projector Power Supply Unit: 100 to 240V AC, 50/60Hz, single phase Lamp power supply unit [KVA]: 200 to 230V / 380 to 415V AC, 50/60Hz, 3 phases
Power Consumption [W]	10040 max. Projector Power: 540 Lamp Power: 9,500
<b>ENVIRONMENTAL CONDITIONS</b>	
Operating Temperature [°C]	10 to 35
Operating Humidity [%]	10 to 85 - non-condensing
Storage Temperature [°C]	-10 to 50
<b>MECHANICAL</b>	
External Dimensions (W x H x D) [mm]	Projector Head <sup>1</sup> : 700 x 503 x 1,124 Lamp power supply unit: 594 x 452 x 397
Weight [kg]	99 (without lense); Lamp power supply unit : Approx. 52
Fan Noise [dB (A)]	< 66
Regulations Europe	EN55022 1998, Class A; EN55024 1998; EN61000-3-11; EN61000-3-12
<b>OPTIONAL ACCESSORIES</b>	
Optional Accessories	Air filter; Built-in alternative content processor; Optional input boards for alternative content processor; Wide converter lens and motorized turret
<b>WARRANTY</b>	
Warranty	2 year, parts warranty

<sup>1</sup> Excluding lens, lens hood and exhaust stack