

NEC NC3240S

ORDER CODE: 60003070

NEC NC3240S Digital Cinema Projector

Bring state of the art 4K 3D projection to your venue with the new NC3240S 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.

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.



4K

OUTSTANDING PERFORMANCE

- **PREMIUM SOLUTION FOR LARGER VENUES.** Create outstanding images for screens up to 32m wide, with assured brightness of 31.000 Lumens 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	
OPTICAL	
Screen Size [m]	12 to 32
Projection Method	3-chip DMD reflection method
Brightness	31000 lumens when using 7.0KW 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; Zoom / Focus Motorized; Shift Horizontal/ Vertical Motorized; Primary Lenses 4.3 to 6.0:1 zoom; Primary Lenses 1.25 to 1.45:1 zoom; Primary Lenses 1.44 to 2.05:1 zoom; Primary Lenses 1.6 to 2.4:1 zoom; Primary Lenses 1.8 to 3.0:1 zoom; Primary Lenses 2.15 to 3.6:1 zoom; Primary Lenses 3.0 to 4.3:1 zoom; Other Dowser (light shutter); Other Lens memory stores lens setting (shift/zoom/focus); Other Range of shift is dependent on lens
DMD Specifications	Chip 1.38" DLP; Tilt Angle [°] 12; 4096 x 2160
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
CONNECTIVITY	
External Controls	1 x D-Sub 9 pin (RS-232); 1 x D-Sub 37 pin (GPIO); 1 x D-Sub 15-pin (3D); 1 x D-Sub 9-pin; 1 x USB port (TypeA); 1 x Remote control connector; 1 x RJ45
Input Terminals	4 x HDSDI (BNC) (optional); 2 x DVI-D (optional)
ELECTRICAL	
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
Rated Input Current	Projector power 7A @ 100V-240V; Lamp power 17A @ 318V-400V; Lamp power 28A @ 200V-230V
Power Consumption	Projector Power 800W; Lamp Power 9700W
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	10 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 1124 x 503; Lamp power supply unit 594 x 398 x 452
Weight [kg]	99 (without lense); Lamp power supply unit : Approx. 52
Fan Noise [dB (A)]	< 66
Regulations Europe	EN55022 1998, Class A; EN61000-3-11; EN55024 1998; EN61000-3-12
OPTIONAL ACCESSORIES	
Optional Accessories	Air filter; Wide converter lens and motorized turret; Built-in alternative content processor; Optional input boards for alternative content processor
WARRANTY	
Warranty	2 year, parts warranty

¹Excluding lens, lens hood and exhaust stack