

NC3240S

Digital Cinema Projector

## Datasheet



**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.

### 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.

## Product Information

Product Name	NC3240S
Product Group	Digital Cinema Projector
Order Code	60003070

## Optical

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: Cooling inside, air cooling with dust-preventing electrostatic filter Total thermal dissipation [BTU]: 35850 Projector exhaust [m <sup>3</sup> /min]: 16 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 D-Sub 9-pin; 1 x Remote control connector; 1 x RJ45; 1 x USB port (TypeA)
Input Terminals	2 x DVI-D (optional); 4 x HDSDI (BNC) (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
Power Consumption [W]	10040 max. Projector Power: 540 Lamp Power: 9,500

## 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 <sup>1</sup> : 700 x 503 x 1,124 Lamp power supply unit: 594 x 452 x 397
Weight [kg]	99 (without lens); 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

## Additional Features

Special Characteristics	Latest digital technology, reduced costs, stunning and varied content, additional security, unsurpassed quality.; One stop projection/Server solution
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### Optional Accessories

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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

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Warranty	2 years, parts warranty
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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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<sup>1</sup> Excluding lens and lens hood

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