

Digital Cinema Projector Series

NC1201L-A Laser Projector



The NC1201L-A, the second generation of an compact Digital Cinema projector using Laser Light Source, is the ideal Digital Cinema solution for smaller screens or small projection booths at the highest quality and affordable price. The 2K DCI-compliant cinema quality means an outstanding image that is bright enough to display on screens up to 12m* in DCI colour.

Highly Flexible

As no exhaust system is required, making the NC1201L-A suitable for floor and ceiling installation and versatile content playback.

Compact and Lightweight

Easy to install in small projection booths, perfect for boothless cinema.

Enjoy next to Zero Maintenance Experience

No lamp and no filter replacement cost, no maintenance labour, no lamp stock due to the innovative Laser Light engine.

Enjoy Lower TCO

Highest reliability, maintenance free operation, low power consumption and up to 30,000** hours lifetime of the Laser light source results in much lower total cost of ownership.

Sealed Optical Engine

Minimising dust and smoke ingress, consistent performance is assured and maintenance reduced.

Steady and Reliable Operation without any risk of Black Screen

Much more brightness stability during the lifetime of the light source.

Integrated Media Server NP-90MS02 (Option)

An "all in one" integrated media server with 2 TB of RAID 5 storage offers versatile connectivity and savings with fewer peripheral devices needed. A host of integrated features includes a built-in 2 TB RAID 5 screen server, 2 x 3GSDI and 1 x HDMI interfaces, and advanced network and built-in GPIO functions.



Integrated Media Server NP-90MS02

* Screen width may vary depending upon environmental conditions.
** The lifetime may vary depending upon environmental conditions. The lifetime is not warranty.

UNIQUE FEATURES

MINIMAL MAINTENANCE

operation for 30,000* hours expected usage of the light source and DLP Cinema® chip.

MANY LENS OPTIONS

for easy installation.

NEC INTEGRATED MEDIA SERVER (IMS)

a trouble free one-stop solution.

GREAT CONNECTIVITY

including two 3G-SDI interfaces and 1 HDMI interface through IMS.

ORDERING MODEL NUMBER

NP-NC1201L-A

OPTIONS

Optional Lenses

NP-9LS12ZM1, NP-9LS13ZM1, NP-9LS16ZM1, NP-9LS20ZM1, NP-9LS40ZM1

Integrated Media Server

NP-90MS02



Specifications

MODEL		NC1201L	
OPTICAL	Projection Method	3 chip DLP relection method (DLP light Engine)	
	Light Source	Laser (Blue) with Phosphor (Yellow)	
	Expected Life*	30,000 hours	
	DLP Cinema® Chip	0.69" DC2K	
	Resolution	2,048 × 1,080	
	Contrast Ratio	1,650:1	
	Throw Ratio	NP-9LS12ZM1	1.2 – 1.72
		NP-9LS13ZM1	1.33 – 2.1
		NP-9LS16ZM1	1.62 – 2.7
		NP-9LS20ZM1	2.09 – 3.9
		NP-9LS40ZM1	4.07 – 6.34
	Lens Zoom / Focus	Motorised	
	F-number, f-number	NP-9LS12ZM1	F-2.5, f = 18.6 – 26.7 mm
		NP-9LS13ZM1	F-2.5, f = 20.7 – 32.7 mm
NP-9LS16ZM1		F-2.5, f = 25.2 – 42.0 mm	
NP-9LS20ZM1		F-2.5, f = 32.2 – 60.3 mm	
NP-9LS40ZM1		F-2.5, f = 62.1 – 97.8 mm	
Lens Shift**	-0.5 to +0.5 Vertical, +/-0.11 Horizontal		
Supported Screen Size (max)***	Up to 12 m		
Tilt Angle	Tilt Free		
Cooling Method	Air Cooled		
CONNECTIVITY	Coconnectivity IMS NP-90MS02	External Controls	2 × RJ45 (4 GPI and 6 GPO); 3 × RJ45 Gigabit Ethernet
		Input Terminals	1 × USB Type 2.0; 2 × 3GSDI bidirectional (input and output); 2 × USB Type 3.0; eSATA; HDMI
		Output Terminals	2 × 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	
Connectivity Projectors	External Controls	1 × GPIO (3D) (D-sub 15 pin female); 1 × GPIO (D-sub 37 pin female); 1 × RJ45 100Base-T	
ELECTRICAL	Power Requirement	200 – 240 V AC, 50/60 Hz Single Phase	
	Input Current	9.2A @ 200 V AC	
	Power Consumption	1,304 W	
MECHANICAL	External Dimensions (W × D × H)****	680 × 860 × 333 mm	
	Weight	66 kg (Excluding lens)	
	Fan Noise	47 dB	
ENVIRONMENTAL	Operating Temperature	10° – 35°C	
	Humidity	20 – 80% non-condensing	
	Storage	-10° – 50°C	
REGULATIONS	Oceania	IEC60950-1, AS / NZS CISPR. 22 ClassA (Marking: RCM)	
	Korea	K60950-1, KN22 KN24 ClassA (Marking KC)	
	India	IS13252 (PART 1) 2010 (Marking BIS)	
	Taiwan	CNS14336-1, CNS13438 (Marking BSMI)	
	Other Asia	IEC60950-1, EN55024, EN55032 CLASS A, EN61000-3-2 / -3-3 (Marking CE)	
LASER / LAMP STANDARD		IEC60825-1 Ed.3: 2014 Class1, IEC62471: 2006 RG3	

* The lifetime may vary depending upon environmental conditions. This lifetime is not warranty
 ** Lens Shift slightly varies depending on each lens
 *** Screen width may vary depending upon environmental conditions.
 **** Without protrusions

These products have been equipped with a laser module and is classified as Class1 of IEC60825-1 2014 and RG3 of IEC62471-5 2015. DO NOT LOOK DIRECTLY INTO THE BEAM.

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