

NEC NC1100L

Order Code: 60003700

NEC Laser Projector



The NC1100L, the world's first 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 11m* in DCI colour (*assuming 1.8:1 gain screen).

Steady and reliable operation without any risk of black screen - much more brightness stability during the life time of the light source.

A host of integrated features - including built-in 2TB screen server, 2 x 3G SDI Interfaces, HDMI interface for alternative content, advanced network and built-in GPIO functions.

Benefits

Highly flexible - as no exhaust system is required, making the NC1100L suitable for floor and ceiling installation and versatile content playback.

Enjoy next to zero maintenance experience - no lamp replacement cost, no maintenance labour, no lamp stock due to the innovative Laser Light engine.

Compact and Lightweight - easy to install in small projection booths and easy to transport for mobile cinema.

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.



Technical Specification NEC NC1100L	
OPTICAL	
Projection Method	3-chip DMD reflection method
Screen Size [m]	up to 11 in DCI colour (1.8 Gain screen)
Contrast Ratio	1750:1
Lamp	Laser Light Source, Expected Life: 20000 h
Lens	Zoom / Focus / Shift: Motorized Other: Range of shift is dependent on lens Primary Lenses: NP-9LS12ZM1: 1.2-1.72:1; NP-9LS13ZM1: 1.33-2.1:1; NP-9LS16ZM1: 1.62-2.7:1; NP-9LS20ZM1: 2.09-3.9:1
DMD Specifications	2048 x 1080 Chip: 0.69" DLP
Cooling Method	Air cooling with dust-preventing electrostatic filter
CONNECTIVITY IMS	
External Controls	2 x RJ45 (4 GPI and 6 GPO); 2 x RJ45 Gigabit Ethernet
Input Terminals	2 x 3GSDI bidirectional (input and output); 3 x USB Type A; eSATA; HDMI
Output Terminals	2 x RJ45 (16-channel AES3-EBU Digital Audio)
CONNECTIVITY PROJECTOR	
External Controls	1 x GPIO (3D) (D-sub 15 pin female); 1 x GPIO (D-sub 37 pin female); 1 x RJ45 Gigabit Ethernet
Input Terminals (option boards) Alternatively to IMS	NC-80DS01-B: 2 x dual HDSOI, 2 x DVI (HDCP); NC-80LB01-B: 2 x dual HDSOI, 2 x DVI (HDCP) + Enigma (for cinema server)
ELECTRICAL	
Power Supply	Built-in power supply Projector Power Supply Unit: 200 to 240V AC, 50/60Hz, single phase
Power Consumption [W]	1608 max.
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	10 to 35
Operating Humidity [%]	10 to 85 - non-condensing
Storage Temperature [°C]	-10 to 50
Storage Humidity [%]	5 to 95 - non-condensing
MECHANICAL	
External Dimensions (W x H x D) [mm]	Projector Head: 700 x 314 x 1,042
IMS	Full HFR 3D Support (48 Hz/eye, 60 Hz/eye); Integrated SMS; Integrated Storage Server: 2 TB RAID5
Weight [kg]	63 (without lense)
Fan Noise [dB (A)]	< 54
Regulations Europe	CE; EN55022 1998, Class A; EN55024 1998; EN60950-1; EN61000-3-2; EN61000-3-3; TÜV-GS
Regulations Russia	EAC; EN55022 1998, Class A; EN55024 1998; EN61000-3-2; EN61000-3-3; IEC60950-1
ADDITIONAL FEATURES	
Special Characteristics	Additional security; Built-in IMS; Full HFR 3D support; Integrated SMS; Integrated storage server: 2 TB net capacity; Laser Light System; Latest digital technology; Maintenance free; Reduced costs; Stunning and varied content; Unsurpassed quality
WARRANTY	
Warranty	2 years, parts warranty
GREEN FEATURES	
Ecological Materials	Eliminate waste and landfill implications associated with 35mm media

