NEC

Digital Cinema Projector Series

NC1000C Projector

The NC1000C is the ideal digital cinema projection solution for theaters with small screens or projection booths that are looking for high-quality cinema projection at an affordable price.

This projector also delivers a solution for art houses, mobile cinemas, theaters in universities and public buildings, and even for high-end home cinemas. The 2K DCI-compliant cinema quality means an outstanding image that is bright enough to display 14 ft-L on screens up to 35 ft./10.6m* in DCI color.

* assuming 1.8:1 gain screen

Delivering Genuine Benefits

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

Enjoy lower TCO - easy lamp replacement, lower lamp cost and simple servicing. You can enjoy better quality imaging while 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

Highly flexible - as no exhaust system is required, the NC1000C is suitable for floor and ceiling installation and versatile content playback

Outstanding Performance

A brand new S2K chip set from TI makes the NC1000C the most compact 2K DCI-certified digital cinema projector on the market

Improved mobility and easy exchange of lamps and lenses makes the NC1000C perfect for smaller theaters and venues

Easy dual lamp system ensures no blackscreen. In the unlikely event of a single lamp issue, the projector will continue to operate with a single lamp. A new lamp can be replaced while the projector is still operating, ensuring that there is no interruption to the movie or event. Note: This hot-swap functionality will be available in spring 2013 via projector software.

*An optional "all in one" Integrated Media Server with 2 TB Raid5 Storage offers versatile connectivity and savings with less peripheral devices needed. A host of integrated features includes a built-in 2 TB Raid5 screen server, 2 x 3GSDI and 1 x HDMI** Interfaces, advanced network and built-in GPIO functions.*

UNIQUE FEATURES

MINIMAL MAINTENANCE and trouble-free lamp replacement. Operater can replace lamps without any special protection.

SIMPLE OPERATION One touch operation, ergonomic keyboard layout and memory functions.

MANY LENS OPTIONS for easy installation.

HIGH FRAME RATE (HFR) CAPABILITY for outstanding picture quality.

NEC INTEGRATED MEDIA SERVER (IMS) (Optional) as trouble free one-stop solution.

GREAT CONNECTIVITY including 2 x 3GSDI and 1 x HDMI** interfaces.

ACCESSORIES

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

Lamp and Filter
NP-10LP01, NP-10LF01, NP-9AF01

Integrated Media Server
NP-90MS02-4K

Ceiling mount
IPJ2000CM

ORDERING MODEL NUMBERS

NP-NC1000C

NC1000C		
OPTICAL		
Projection Method		3-chip DMD reflection method (DLP light Engine)
Light Source		400W (NSH) x 2
DMD Specifications		0.69" DMD chip
Resolution		2048 x 1080
Contrast Ratio		1600:1
Throw Ratio	NP-9LS12ZM1 w/lens memory	1.2 - 1.72:1
	NP-9LS13ZM1 w/lens memory	1.33 - 2.1:1
	NP-9LS16ZM1 w/lens memory	1.62 - 2.7:1
	NP-9LS20ZM1 w/lens memory	2.09 - 3.9:1
	NP-9LS40ZM1 w/lens memory	4.07 - 6.34 :1
Lens Zoom / Focus		Motorized
F-number, f-number	NP-9LS12ZM1 w/lens memory	F=2.5, f= 18.6 - 26.7mm
	NP-9LS13ZM1 w/lens memory	F=2.5, f= 20.7 - 32.7mm
	NP-9LS16ZM1 w/lens memory	F=2.5, f= 25.2 - 42mm
	NP-9LS20ZM1 w/lens memory	F=2.5, f= 32.2 - 60.3mm
	NP-9LS40ZM1 w/lens memory	F=2.5, f= 62.1 - 97.8mm
Lens Shift		Motorized -50% to +55% Vertical, +/-11% Horizontal
Supported Screen Size (max)		Up to 34 ft./10.3m @ 14ft-L in DCI color (1.8 gain screen)
Tilt Angle		+10 to -15
Cooling Method	Projector	Air cooling with dust-preventing electrostatic filter
CONNECTIVITY with Required IMS		
Input Terminals	IMS	HDMI, 2 x 3GSDI, 1 x USB2, 2 x USB3, 1 x eSATA
Output Terminals	IMS	2 x RJ45 (16-channel AES3-EBU Digital Audio) / 24 bits up to 96 KHz
External Control	IMS	1 x RJ45 (4 x GPI), 1 x RJ45 (6 x GPO) / 2 x RJ45 Gigabit Ethernet
	Projector	1xRJ45 100BASE-T / 1xSERIAL RS232C compliant(D-SUB 9pin female) / 1xGPIO (D-sub 37 pin female) / 1xGPIO (3D) (D-sub 15 pin female)
ELECTRICAL		
Power Requirements		100 - 240V AC, 50/60Hz Single Phase
Input Current	Dual Lamp	100 to 130V: 12.2A to 9.0A / 200 to 240V: 5.8A to 4.8A
Power Consumption	Dual Lamp	100 to 130V: 1210W / 200 to 240V: 1135W
Heat Load (max. power)		4129 BTU/h
MECHANICAL		
External Dimensions** (W x D x H)		26 x 32 x 13 in. / 621 x 798 x 314mm
Weight		97 lbs. / 44 kg, 102.5 lbs. / 46.5 kg (w/IMS)
Fan Noise		48dB
ENVIRONMMENTAL		
Operating Temperature		50° – 95°F / 10° – 35°C
Humidity		10-85% non-condensing
Storage		14° – 122°F / 10° – 50°C
REGULATIONS		
U.S.		UL60950-1 / FCC Part15 Class A (Marking: UL)
Canada		CSA60950-1 / ICES-003 Class A (Marking: C-UL)
Latin America		IEC60950-1 / EN55022 Class A / EN55024 / EN61000-3-2/-3-3 (Marking: CE)
Limited Warranty (parts & labor)		Registered owners receive a 2-year parts and labor warranty. The lamp is covered for 2 years or 3000 hours, whichever comes first.
IMS (NP-90MS02-4K)		Integrated Media Server: 2 TB Integrated SMS Full HFR 3D Support (48 Hz/eye, 60 Hz/eye)

Sharp NEC Display Solutions of America
www.sharpnecdisplays.us