



# NC800C

DLP Cinema® Projector

## World's **SMALLEST & LIGHTEST**\*1 Integrated-type DLP Cinema® Projector\*2

Integrated-type DLP Cinema® Projector for screens up to 8M (26ft)\*2 \*3

Precise 2K (2048 x 1080) resolution

High contrast 2000:1 images

Space saving

- Best suited to Post Production, Studios and installations with limited space

Easy to operate! User friendly!

- Industry **FIRST** memory functions for lens (zoom/position/focus) and lamp power \*1 \*4 \*5
- Direct selection buttons for 8 stored titles
- Auto lamp brightness control \*5
- Built-in webserver allows basic control of the projector from any web browser

Easy to carry

- Industry **FIRST** DLP Cinema® Projectors which can be moved or delivered without removing the lamp from the projector \*1. Suited to rental application

Minimal maintenance

- DMD shielding prevents dust, oil and smoke particles from contaminating the DMD surface

\*1 Among DLP Cinema® Projectors, according to a survey conducted by NEC in February, 2006.

\*2 "Integrated-type" means Projector head and lamp power supply unit are Integrated in the Projector.

\*3 Subject to installation conditions

\*4 Various aspect ratios and corresponding brightness levels can be stored and retrieved automatically.

\*5 Levels of memory function for lamp power and auto lamp brightness control are limited.

## Specifications

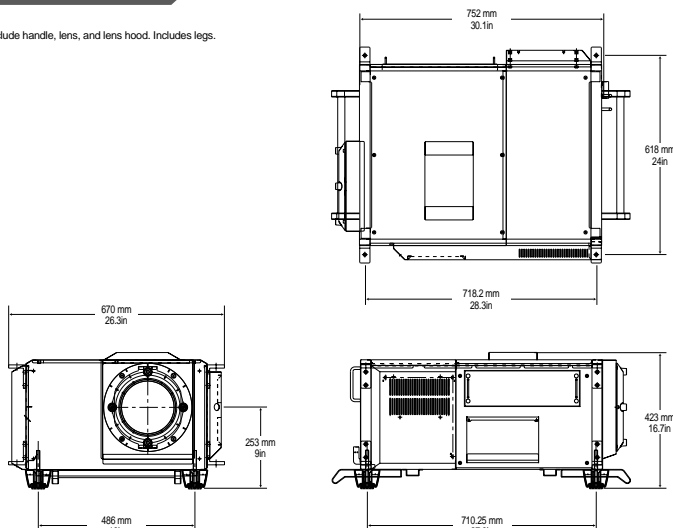
Projection method	3-chip DMD reflection method (DLP® method)	
DMD specification	1.2", 12° tilt angle, 2048 x 1080 pixels	
Light Output	5500 ANSI Lumens*1	
Supported screen sizes	4 meters (13 feet)*1 - 8 meters (26 feet)*1 wide	
Contrast ratio	2000 : 1 or above (full on / off) (T.B.D.)	
Primary lenses	1.45 to 1.8:1 zoom	(Note : select according to magnifications of installation environment)
	1.8 to 2.4:1 zoom	
	2.2 to 3.0:1 zoom	
	3.0 to 4.3:1 zoom	
Lamp bulbs	NEC High efficiency Xenon lamp bulbs [NEC 1.25kW lamp bulb *Standard film lamp bulbs cannot be used for NC800C	
DLP Cinema® functions	CineLink™, CineCanvas™, CinePalette™, CineBlack™	
Lens adjustment functions	Motorized focus, zoom, horizontal/vertical shift*, light shutter(dowser) *Range of motorized shift is dependent on lens	
Cooling method	Air cooling system with dust preventing electro-static filter. Thermal dissipation : 7766BTU	
Fan noise	45 dB (when set to low-brightness mode)	
Power supply voltage*2	100 to 120V or 200 to 240V AC, 50/60Hz, single phase	
Rated input current	12A Max (100 to 120V)	
	8.5A Max (200 to 240V)	
Power consumption	1200 to 1440W (100 to 120V)	
	1700W (200 to 240V)	
Environment	Operational temperatures	5°C to 35°C(41°F to 95°F), humidity : 10% to 85% (non-condensing)
	Storage temperatures	-10°C to 50°C(14°F to 122°F), humidity : 10% to 85% (non-condensing)
Regulations	<Safety>	
	USA	UL60950-1 FCC Class A
	Canada	CSA60950-1 ICES-003 Class A
	Europe	EN60950-1 EN55022 Class A EN55024
	Oceania	IEC60950-1 AS/NZS CISPR.22 Class A
	Japan	J60950 VCCI Class A
Asia	IEC60950-1 CISPR.22	
External dimensions	Projector : 670(W) x 752(D) x 423(H) (mm) 26.3(W) x 30.1(D) x 16.7(H) (inch) *Excluding lens, lens hood and handle.	
	Weight Projector : Approx.66kg / 146lb *Excluding lens.	

\*1 Subject to Installation conditions.

\*2 Power Cord : Supplied with NC800C.

## Dimensions

\* Does not include handle, lens, and lens hood. Includes legs.



## Input / Output terminals

Type	Name	Description	Quantity
Signal	HDS/SDI port	BNC	2
Input	DVI port	DVI-digital	2
External control	PC card slot	For compact flash memory card or wireless LAN card	1
	LAN port	RJ-45	2
	USB port	Type A	1
	Serial port(RS-232C)	D-sub (9-pin)	1
	General Purpose Input / Output	D-sub (37-pin)	1
	Remote control connector	Stereo mini	1

## Standard supplied accessories

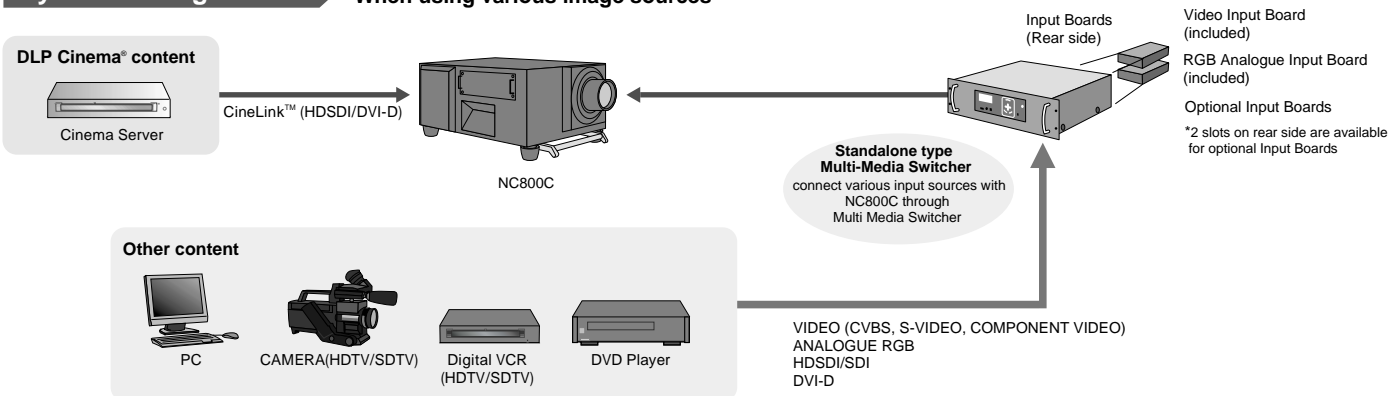
- Remote control unit
- Cables for remote control unit (16m / 629 in., 4m / 157 in.)
- Lens holder  
\*necessary to attach to primary lens.
- User's manual

## Optional accessories

- Lamp house module with a new lamp bulb
- Anamorphic lens 1.25 & Manual anamorphic lens turret\*  
\*Automatic anamorphic lens turret is not available with NC800C.
- Multi-Media Switcher for alternative content
  - Standalone type Multi-Media Switcher  
(available in July,2006)  
\*Video Input Board and Analogue RGB Input Board are included in standard standalone type Multi-Media Switcher.  
\*Bult-in type Multi-Media Switcher is not available with NC800C.
  - Standalone type Multi-Media Switcher  
(available in July,2006)  
\*Video Input Board and Analogue RGB Input Board are included in standard standalone type Multi-Media Switcher.
- Optional Input Boards for Multi-Media Switcher
  - Single HD/SDI Input Board
  - DVI Input Board
  - Analogue RGB Input Board
  - Video Input Board
- Pedestal for NC800C shall not be supplied by NEC.
- Optional accessories are subject to change without notice.

## System configuration

### When using various image sources



KDLP-0603-2712M

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Specifications are subject to change without prior notice.



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\*This brochure was printed with environment friendly vegetable soybean oil ink.



for more information

<http://www.nec-pj.com/products/dlpcinema/index.html>

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