



Empowered by Innovation



Portable Projector

NP215/NP210/NP115/NP110

High-performance, cost-effective projector offers easy, multifunction operation ideal for many applications especially for business and education



Long life lamp 5000 hours

Lamp life in Eco Mode has been extended to 5000 hours from 4000 hours in the previous model (Eco Mode Off : 3500 hours).

Low power consumption in power-saving mode

Power consumption in power-saving mode is 0.49W (100-130V AC) / 0.71W (200-240V AC). These enhancements help to dramatically reduce the TCO (total cost of ownership).

Carbon meter for visualizing ecology

The projector employs the Carbon Meter indicating the reduced amount of CO₂ emissions in Eco Mode. Visually confirm the numerical value indicating the reduction in CO₂ emissions in comparison with Eco Mode Off operation.



Quick power off & Direct power off

The Quick Power Off function stops the cooling fan immediately after turning off the power to the projector, which makes it possible to remove the projector quickly. For a rapid shut down, the projector can be turned off without powering off the projector using the Direct Power Off function and a power strip equipped with a switch and breaker.

Security bar and password protection functions

By using passwords, the projector cannot be used by unauthorized persons. Furthermore, since the main unit has a security chain opening, unauthorized removal of the projector is prevented by inserting the security cable or wire commercially available into the opening.



High brightness 2500 ANSI lumens (NP215 / NP115)

High contrast ratio 2000:1

Built in 7W speaker for integrated audio solutions

Wired LAN Connectivity (NP215)

Wall Colour Correction for vivid images even without a screen

Vertical Keystone Correction +/-40 degrees

Auto power on starts projection immediately by inserting the power cord into an outlet

Front ventilation for effective heat dissipation

High altitude mode (5000ft / 1700m)

From Digital Cinema to Mobile Convenience - NEC Projector is the Best Solution

Specifications

		NP215	NP210	NP115	NP110	
DLP Chip		0.55 inch DLP (Aspect Ratio 4:3)				
Resolution*1		1024 x 768 pixels		800 x 600 pixels		
Lens		Manual zoom (x 1.1)/Manual focus Throw ratio 1.95-2.15:1, F2.41-2.55, f=21.8-24.0mm				
Lamp (Eco Mode On / Eco Mode Off)		160W / 180W AC				
Lamp Life*2 (Eco Mode On / Eco Mode Off)		5000H / 3500H				
Image Size (Projection Distance)		30 to 300 inch (1.18m to 13.2m)				
Colour Reproduction		16.7 million colours simultaneously, Full colours				
Light Output*3*4		Eco Mode Off 2500 ANSI lumens	2200 ANSI lumens	2500 ANSI lumens	2200 ANSI lumens	
		Eco Mode On Approx. 90% of Eco Mode Off				
Contrast Ratio (White / Black)*4		2000:1 (* Dynamic Contrast ON)				
Maximum Resolution		UXGA (1600x1200) with Scaling technology 15kHz to 100kHz (RGB 24kHz or over)				
Scan Rate		Horizontal Vertical	50Hz to 120Hz (Over 85Hz signal must be less than XGA resolution)			
Keystone Correction		Vertical Manual Approx. ±Max 40 degrees				
Input Terminals		1 Computer Input	1 D-Sub Mini 15pin 1 Stereo Mini Jack			VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA/480i, 480p, 576i, 576p, 720p, 1080i RGB : 0.7Vp-p/75Ω H/V Sync : 4.0Vp-p/TTL Level Positive/Negative Polarity Stereo L/R 0.5Vrms/22kΩ or over
			1 Component Input	1 D-Sub Mini 15pin (Sharing with Computer IN) Audio Input is Sharing with Computer IN		
		1 S-Video Input		1 Mini DIN-4pin Audio Input is Sharing with Computer IN		
			1 Video Input	1 RCA pin Audio Input is Sharing with Computer IN		
Output Terminal	1 RGB Output	1 D-Sub Mini 15pin			Output Computer Signal	
LAN Port		1 RJ-45	100BASE-TX/10BASE-T			
Control Terminal	PC Control	1 D-sub 9pin	RS-232C			
Built-In Speaker		7W Monaural				
Quietness (Eco Mode On / Eco Mode Off)		31dB / 34dB				
Environment		Operational Temperatures 5°C to 40°C ([ECO MODE] is set automatically to [ON] at 35°C to 40°C), 20% to 80% Humidity (Non-Condensing) Storage Temperatures -10°C to 50°C, 20% to 80% Humidity (Non-Condensing)				
Power Requirement		100 to 240V AC, 50Hz/60Hz				
Power Consumption		Input Current		2.6A / 1.2A		
		Eco Mode Off	100 - 130V	242W		
			200 - 240V	233W		
		Eco Mode On	100 - 130V	217W		
			200 - 240V	210W		
		Standby Mode	100 - 130V	4W		
200 - 240V	5W					
Power-saving Mode	100 - 130V	0.49W				
	200 - 240V	0.71W				
Heat Dissipation		MAX : 825 BTU MAX : 795 BTU				
Dimensions (WxHxD)		310mm x 95mm x 247mm (Not Including Protrusions)				
Weight		2.5kg				
Accessories		Remote control (with battery), Signal cable (MiniD15-MiniD15)(1.8m), Power cable, User's manual(CD-ROM), Quick Setup guide, Lens cap				
Regulations		UL/C-UL Approved (UL 60950-1, CSA 60950-1) Meets DOC Canada Class B requirements Meets FCC Class B requirements Meets AS/INZS CISPR.22 Class B Meets EMC Directive (EN55022, EN55024, EN61000-3-2, EN61000-3-3) Meets Low Voltage Directive (EN60950-1, TUV GS Approved)				

*1 : Effective pixels are more than 99.99%.

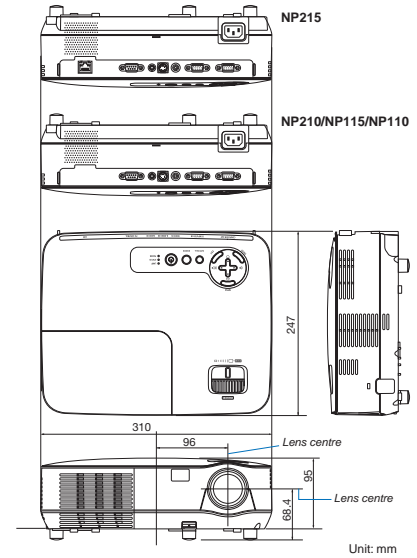
*2 : Lamp life is defined as the average time span for the brightness of the lamp to be reduced by half, it does not refer to the warranty period for the lamp.

*3 : This is the light output value (ANSI lumens) when the [PRESET] mode is set to [HIGH-BRIGHT]. If any other mode is selected as the [PRESET] mode, the light output value may drop.

*4 : Compliance with ISO21118-2005

All specifications are subject to change without notice.

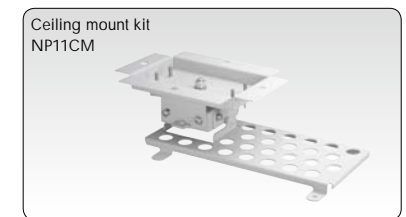
Dimensions



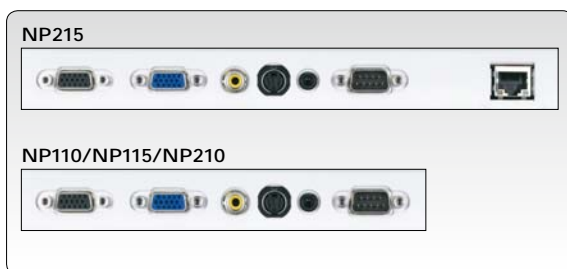
Remote Control



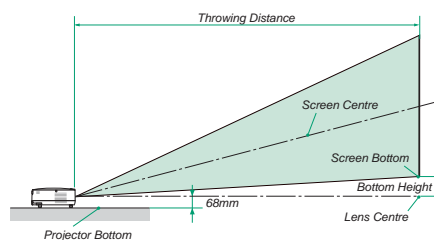
Options



Terminal Panel



Throwing Distance and Image Size



NP215/NP210/NP115/NP110

Screen Size (inch)	Throwing distance(m)		Bottom Height(cm)
	Wide	Tele	
30 (0.61x0.46)	1.18	1.32	6.9
40 (0.81x0.61)	1.57	1.76	9.1
60 (1.22x0.91)	2.36	2.64	13.7
80 (1.63x1.22)	3.15	3.52	18.3
100 (2.03x1.52)	3.93	4.40	22.8
120 (2.44x1.83)	4.72	5.28	27.4
150 (3.05x2.29)	5.90	6.60	34.3
180 (3.66x2.74)	7.08	7.92	41.1
200 (4.06x3.05)	7.87	8.80	45.7
240 (4.88x3.66)	9.44	10.56	54.8
300 (6.10x4.57)	11.80	13.20	68.5

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