

NP200/NP100

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



Includes card remote on projector

In addition to normal use on the projector, the controller can be detached from the projector for use as a remote to control all functions of the projector for added convenience.



Automatic signal selection

When turning on the power, input signals are automatically detected and images are projected. Furthermore, if the Source Lock function is OFF, automatically detected input signals for projected images are discontinued.

Keystone correction function corrects trapezoidal distortions

Trapezoidal distortions on projected images are corrected up to +/-40 degrees of the projection angle vertically. Keystoneing can be operated from the "K-STONE" button, for easy adjustments.



Multiple input/output terminals

The input terminals include Video, S-video, and Computer. Since the projector has a monitor output terminal, the same projected images can be displayed on the display in front of you to confirm that the desktop PC is connected to the projector.



Portable Projector NP200/NP100



ECO mode extends lamp life

To extend the life of the lamp, select the ECO mode to reduce the brightness. This function will reduce the total cost of ownership by reducing lamp replacement intervals.

* When the lamp mode is set to the ECO mode, the brightness is reduced to about 80% of normal mode.

Fan Control mode for use in low atmospheric pressures

Once the Fan Control is ON, the fan turns at high speed constantly. Thus, the projector can be cooled normally even when the atmospheric pressures are low, and the projector can be used in higher elevations.

More vivid colours

With BrilliantColor and the resulting superior reproducibility of neutral colours, images of natural scenery are more vivid.

- Compact, lightweight body of 2.3 kg
- Built-in 2 W monaural speaker
- Supports component signals
- Preset function for setting and storing your favourite colour settings
- HDTV (1080i, 720p) EDTV (576p, 480p) and SDTV (576i, 480i) compatibility

Specifications

		NP200	NP100	
DLP Chip*1 (Aspect Ratio 4:3)		0.55-inch 1 chip DLP, 1,024 x 768 pixels	0.55-inch 1 chip DLP, 800 x 600 pixels	
Lens	Manual Zoom / Focus	Throw ratio 1.95-2.15:1, F2.41-2.55, f=21.83-24 mm		
Projection Distance		1.2 m to 12.0 m		
Lamp (ECO mode)		180 W (150 W) AC		
Lamp Life*2 (ECO mode)		3,500 H (4,000 H)		
Light Output		2,100 ANSI lumens (Approx. 80% in ECO mode)	2,000 ANSI lumens (Approx. 80% in ECO mode)	
Colour Wheel		5 - segment		
Contrast Ratio (White/Black)		1,300 : 1		
Quietness (ECO mode)		36 dB (33 dB)		
Image Size (Diagonal)		27.5 inch to 302.8 inches (0.69 m to 7.69 m)		
Maximum Resolution		SXGA+ 1,400 x 1,050	SXGA 1,280 x 1,024	
Frequency	Horizontal	31.35 kHz to 80 kHz		
	Vertical	56 Hz to 85 Hz		
Colour Reproduction		Full Colour, 16.7 Million Colours Simultaneously		
Input Terminals	Computer Input	D-Sub Mini 15 pin	RGB	
		Stereo Mini jack	H / V Sync	
	Component Input	D-Sub Mini 15 pin (Sharing with Computer)	Y	1.0 Vp-p / 75 Ω (with Sync)
		Audio input is sharing with computer	Cb · Cr (Pb · Pr)	0.7 Vp-p / 75 Ω
			Compatible signals	480p, 480i, 576p, 576i, 720p, 1080i
	Video Input	RCA pin	Composite Video	NTSC-M/NTSC-4.43/PAL-M/PAL-B, D, G, H, I/PAL-N/SECAM
		Audio input is sharing with computer		1.0 Vp-p / 75 Ω
	S-Video Input	Mini DIN-4 pin	Y	1.0 Vp-p / 75 Ω
		Audio input is sharing with computer	C	0.286 Vp-p / 75 Ω
	Output Terminals	Monitor Output	D-Sub Mini 15 pin	Only computer signal can be output
Control Terminals	For service	Mini DIN - 3 pin	Only for service use	
Built-In Speaker		2 W Monaural		
Keystone Correction		Vertical	Manual Approx. ±Max 40 degrees	
Environment*3	Operating Temperature		5°C to 35°C, Max 80% Humidity (Non-Condensing)	
	Storage Temperature		-20°C to 60°C, Max 80% Humidity (Non-Condensing)	
Power Requirement		100 to 240 V AC, 50 Hz / 60 Hz		
Input Current		2.5 - 1.0 A		
Power Consumption		Normal Mode (ECO mode / Standby mode) 228 W (190 W / 7 W)		
Regulations	For United States / Canada		UL60950-1/CSA60950-1, CFR 47 Part15 (Line Radiation: CISPR 22), ICES-003	
	For Asia / Oceania		AS/NZS CISPR 22:2006	
	For Europe		2006/95/EC, EN60950-1/IEC60950-1, 2004/108/EC, EN55022:2006, EN55024:1998+A1:2001+A2:2003, EN61000-3-2:2000+A2:2005, EN61000-3-3:1995+A1:2001+A2:2005	
Dimensions (W x D x H)		272 mm x 199 mm x 80 mm (Not including protrusions)		
Net Weight		2.3 kg		

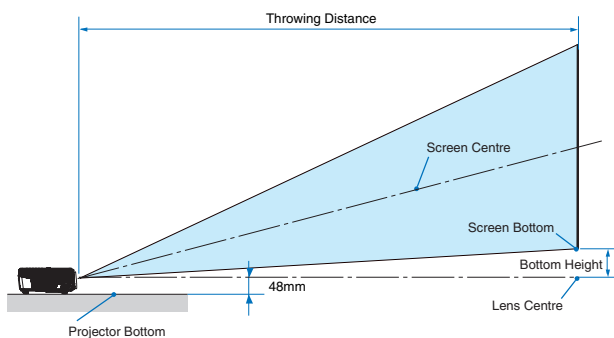
*1 : DLP Chip technology consists of fine picture cells with more than 99.99% of the cells being active.

*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 operating temperature range for altitudes from 0 to 2,500 feet (762 m). The operating temperature range for altitudes from 2,500 feet (762 m) to 5,000 feet (1,524 m) is 5°C to 30°C. The operating temperature range for altitudes from 5,000 feet (1,524 m) to 10,000 feet (3,048 m) is 5°C to 25°C.

All specifications are subject to change without notice.

Throwing Distance and Image Size

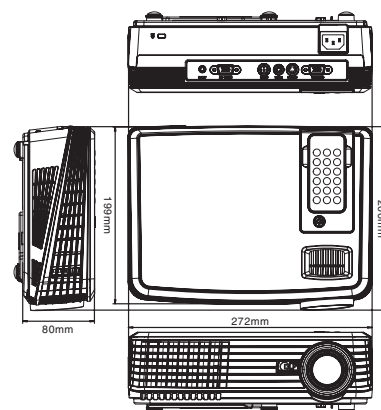


NP200/NP100

Screen Size (inch)	Wide	Throwing distance(m)	Tele	Bottom Height(cm)
30	-	1.31	-	6.9
40	1.59	1.75	-	9.1
60	2.38	2.62	-	13.7
80	3.17	3.50	-	18.3
100	3.96	4.37	-	22.9
120	4.76	5.24	-	27.4
150	5.94	6.55	-	34.3
180	7.13	7.86	-	41.1
200	7.93	8.74	-	45.7
240	9.51	10.49	-	54.9
300	11.89	-	-	68.6

The values in the tables are design values and may vary.

Dimensions



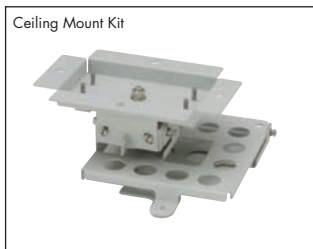
Terminal Panel



Remote Control



Options



WDPJ-0802-051RR

for more information
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