

## Specifications

		NP62	NP52
DLP Chip*1		0.55 inch 1 chip DLP 1024 x 768 pixels (Aspect Ratio 4:3)	
Lens		Manual Zoom (Zoom Ratio 1 to 1.2)	
Projection Distance		Auto Focus*2 (Effective Range : 1.5m to 5.5m), Manual Focus F2.2-2.34, f=20.4-24.5mm	
Projection Angle		1.45m to 11.14m (Wide) / 1.44m to 13.45m (Tele)	
Lamp (Eco Mode)		220W (170W) AC	
Lamp Life (Eco Mode)*3		2500H (3500H)	
Light Output (Eco Mode)*4		3000 ANSI lumens (Approx.75% of Normal) / 2600 ANSI lumens (Approx.85% of Normal)	
Contrast Ratio (White/Black)*4		1600:1	
Quietness (Eco Mode)		37dB (32dB)	
Image Size		33inch to 300inch (Image sizes with less than 40inch are available only in tele mode)	
Maximum Resolution		UXGA (1600 x 1200) with scaling technology	
Synchronization Range		15 kHz to 100 kHz (RGB : 24 kHz or over)	
Colour Reproduction		50 Hz to 120 Hz (Signals with higher than refresh rate 85 Hz support resolutions of 1024 x 768 or lower.)	
Input Terminals	Computer Input	D-Sub Mini 15pin	Compatible signals RGB H/V Sync Composite Sync Sync on G
		Stereo Mini	Compatible signals Stereo L/R Y
	Component Input	D-Sub Mini 15pin (Sharing with Computer)	Compatible signals Cb - Cr (Pb - Pr)
		Audio input is sharing with computer	Compatible signals NTSC, NTSC4.43, PAL, PAL-60, PAL-N, PAL-M, SECAM
	Video Input	RCA pin	Compatible signals Composite Video
		Audio input is sharing with computer	Compatible signals NTSC, NTSC4.43, PAL, PAL-60, PAL-N, PAL-M, SECAM
	S-Video Input	Mini DIN-4pin	Compatible signals Y C
		Audio input is sharing with computer	Compatible signals NTSC, NTSC4.43, PAL, PAL-60, PAL-N, PAL-M, SECAM
	Control Terminals	USB Port Type A	Compatible signals Same with computer
		PC Control	Compatible signals Same with computer
Built-In Speaker		0.3W Monaural	
Keystone Correction		Vertical Auto/Manual Approx.±Max 40 degrees	
Environment		Operational Temperatures 5°C to 40°C (ECO mode selected automatically at 35°C to 40°C / ECO mode selected automatically at 30°C to 40°C when used in HIGH ALTITUDE), 20% to 80% Humidity (Non-condensing)	
Power Requirement		Storage Temperatures -10°C to 50°C, 20% to 80% Humidity (Non-condensing)	
Input Current		Power Requirement NP62 : 100 to 240V AC, 50 Hz/60 Hz NP62G/NP62+ : 200 to 240V AC, 50 Hz/60 Hz	
Power Consumption		Input Current NP62 : 3.5-1.4A NP62G/NP62+ : 1.6A	
Heat Dissipation		Power Consumption 300W (235W / 5W) 1020BTU (MAX)	
Regulations		Heat Dissipation 275W (235W / 5W) 940BTU (MAX)	
Dimensions (WxHxD)		Regulations UL Approved (UL 60950-1) Meets FCC Class B requirements UL Approved (CSA 60950-1) Meets DOC Canada Class B requirements Meets ANS/NZS CISPR.22 Class B Meets EMC Directive (EN55022, EN55024, EN61000-3-2, EN61000-3-3) Meets Low Voltage Directive (EN60950-1, TÜV GS Approved)	
Net Weight		Dimensions (WxHxD) 246mm x 72mm x 177mm (Not Including Protrusions)	
		Net Weight 1.7kg	

\*1 : Effective pixels are more than 99.99%.

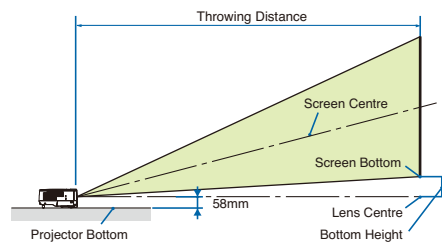
\*2 : Auto focus functions are accurate within the range of approximately 1.5m to about 5.5m. If the throwing distance is 1.5m, the screen size is 33 inches, while at a distance of 5.5m, the screen size is 149 inches. If the distance from the projector to the screen exceeds 5.5m, the focus must be adjusted manually. Depending on the colour of the screens or other environmental conditions, the operational range may be narrowed or the equipment may not operate properly. If a transparent screen is used, malfunctions may occur. Obstacles between the screen and the projector may cause the focus sensor to malfunction. When the main unit is moved slowly, this function may not activate. If the screen is moved, this function may not activate.

\*3 : 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.

\*4 : Compliance with ISO21118-2005

All specifications are subject to change without notice.

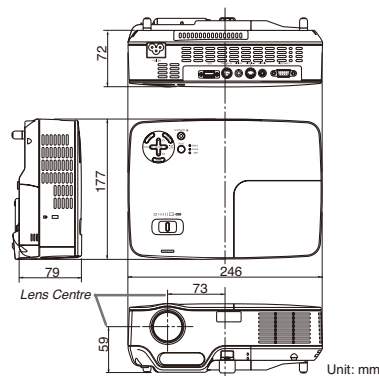
## Throwing Distance and Image Size



Screen Size (inch)	Throwing Distance		Bottom Height(cm)
	Wide(m)	Tele(m)	
33	-	1.44	7.0
40	1.45	1.76	8.5
60	2.20	2.66	12.7
80	2.94	3.56	16.9
100	3.69	4.46	21.2
120	4.43	5.36	25.4
150	5.55	6.71	31.8
180	6.67	8.06	38.1
200	7.42	8.96	42.4
240	8.91	10.75	50.8
300	11.14	13.45	63.6

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

## Dimensions



## Remote Control



## Soft Case (basic accessory)



## Options



## Terminal Panel



WDPJ-0810-141RR



- The projector can be unplugged during its cool down period after it is turned off.
- Parts of the projector will become heated during operation. Use caution when picking up the projector immediately after it has been operating.
- Use caution when putting the projector in the soft case immediately after the projector has been operating. The projector cabinet is hot.

for more information  
[www.nec-display.com/ap/](http://www.nec-display.com/ap/)

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# Ultra Portable Projector NP62/NP52

Auto features to make set up  
quick and easy.



- High Brightness of 3000 ANSI lumens(NP62)
- Viewer Supports USB Memory
- Auto Focus Function
- Auto Input Selection
- Auto Vertical Keystone Correction
- Quick Start Up and Cooling Down
- Direct Power Off Function
- New Cooling System
- Light Weight 1.7kg



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

## Lightweight compact body for easy transport

The body weight has been reduced by introducing magnesium housing and employing a new cooling method combining a fan and a small-sized pump which has been developed by NEC. This projector achieves the weight of 1.7 kg with the high brightness 3000 ANSI lumens\*, including a built-in speaker that was not available on the previous model.

\*: For NP62. Brightness for NP52 is 2600 ANSI lumens.



## With the auto focus function, the projector can be set up easily and quickly.

1. Insert the power cord into the outlet.
2. Set the projector in the proper position.



3. Start projecting images by automatically adjusting the focus and correcting any trapezoidal distortion.



projection starts immediately after inserting the power cord into an outlet.

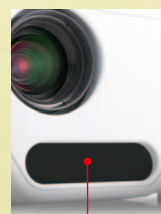
### Auto power on

By inserting the power cord into an outlet, projection will start immediately without pressing the power button. If the initial input selection is set to Auto, simply by turning on the power, the projector automatically judges the input signal and projects the images.

manual focus adjustment is not required

### Auto focus

When turning on the power, adjusting the zoom operation, or removing the main unit, the focus sensor measures the distance between the projector and the screen and adjusts the focus of the projected images automatically.



Focus sensor

correcting any trapezoidal distortion in the projected images

### Auto Vertical Keystone Correction

If the projector is installed at an angle to project images on a screen, it may result in trapezoidal distortion of the projected images. In this case, the acceleration sensor built into the main unit senses the inclination of the unit in the vertical direction and then corrects for any trapezoidal distortion in the projected images automatically to project square images. (+/- 40 degrees from the projection angle).



PICTURE BY  
DLP  
TEXAS INSTRUMENTS



A portable, compact body with sufficient brightness for large screen presentations in large conference rooms.



Light and easy-to-use, the projector is a convenient business tool for use anywhere, anytime.

**Actual size**  
W:246mm x H:177mm

## Direct power off function makes it possible to put the projector away very quickly

It is possible to turn off the power of the projector by using the power supply tap with a switch during projecting images or after turning off the main power even if the cooling fan is still operating. Since it is not necessary to wait for the cooling fan to stop, the projector can be promptly put away.



## Capable of projecting on a large screen in a wide venue even with a compact body\*

\*: Depending on the use environment

- Wall Colour correction adjusts the colour tones when images are projected on a wall.
- The lamp life has been extended by introducing the switchable lamp mode.
- The mouse operation on a PC can be made through the remote control.
- Security function prevents unauthorized use
- Low noise design
- Employing the built-in monaural speaker

**NP62**

3000ANSI lm | XGA | 1.7 kg

**NP52**

2600ANSI lm | XGA | 1.7 kg



AUTO FOCUS



ZOOM

LAMP  
STATUS  
POWER



ON/STAND BY



NP62

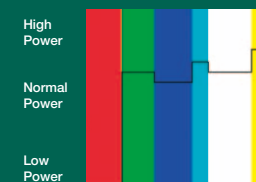
## Projecting images with more vivid colours

By employing the colour wheel with six segments (red, green, blue, cyan, white and yellow) and BrilliantColor with superior reproducibility of neutral colours, images of natural scenery can be projected more vividly. Furthermore, variable colour reproduction according to the purposes of use is available by employing Variable Illumination, a technology varying the lamp intensity being irradiated to the respective segments of the colour wheel. NEC provides a setting that emphasizes the colour yellow.

■ Colour wheel image drawing



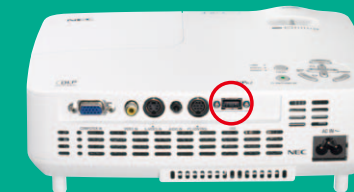
■ Variable Illumination  
—lamp intensity image drawing



The above illustrations are for display purposes only and differs from the actual product.

## USB Memory Viewer Function is employed

Project image data saved on a USB memory device using the viewer function of the projector. Turn the projected images and change the sequence of display directly with the projector. Since the time for switching thumbnail indications and playing the slideshow automatically can be set in advance, project images flexibly depending on the occasion.\*



\* Image formats such as GIF, JPEG, PNG, and BMP can be projected.

\* We do not warrant that the USB port of the projector will support all USB memories in the market.

## The projector supports the optional NP02RC remote control to register the control ID.

The respective projectors can be operated individually with the optional remote control (NP02RC) by setting the individual control ID numbers to the respective projectors. If multiple projectors are used in the same room, the respective projectors can be operated individually by switching the ID. It is also possible to operate multiple projectors collectively by setting the same ID for all of them.