



The extremely compact NP projectors

NP40, NP50, NP60



3 light athletics champions – including the world's lightest projector with 3,000 ANSI Lumens.

- ▶ Incredibly brilliant – while weighing in at only 1.6 kg
- ▶ Innovative auto focus functionality
- ▶ Ready to go – immediately
- ▶ Automatic vertical Keystone Correction
- ▶ Independent signal recognition
- ▶ Quick-Start & Quick-Power-Off
- ▶ High contrast of up to 1,600:1
- ▶ Many automatic functions for extremely easy handling



Empowered by Innovation

NEC

World record: 3,000 ANSI Lumens at only 1.6 kg.

NEC's NP40, NP50 and NP60: our new NP projectors are light athletics champions that include the world's only "flyweight" of 1.6 kg with 3,000 ANSI Lumens.

Light and powerful. The new DLP™ projectors in the NP series inspire users with ultra-small dimensions and weight – while ensuring excellent performance for highly comfortable presentations. Anytime – anywhere.

Just glance at the specs and you'll see why our three new projectors increase your mobility. At only 1.6 kg, you'll hardly notice them. And with minimal dimensions of 246 x 72 x 177 mm (W x H x D), they can be taken everywhere with no trouble whatsoever.

▶ Extremely compact – emanate light like a miracle.

Small and light doesn't mean that our three NPs lack light efficiency. On the contrary – the NP60 is the high-end model of this series that radiates 3,000 ANSI Lumens – a world record! No other projector under 2 kg can currently match this performance.

And the NP40 and NP50 follow closely on its heels. With 2,200 and 2,600 ANSI Lumens respectively, they throw images that fulfill all desires for brightness and sharpness.

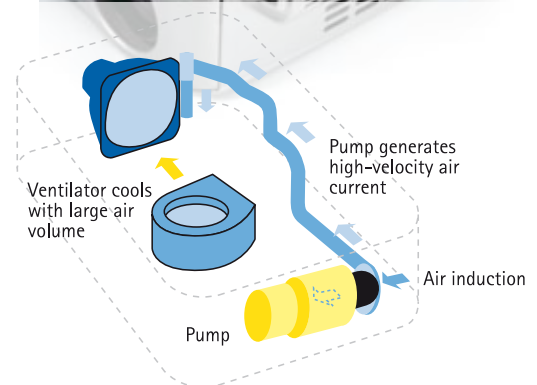
▶ How do we get this top performance?

You're wondering how this world record is possible? NEC's experts have developed a special cooling system for the lamp unit. This unique innovation, patented for NEC, is called the Hybrid Cooling System. The lamp unit is no longer cooled exclusively by the ventilator. Now, an additional

pump directs cool air over the lamp. This conserves the lamp and lengthens its life up to 3,000 hours. At the same time, this new feature significantly reduces the projector's size and weight, thus letting us offer you three fascinating models with a new formula for mobile carrying comfort and excellent luminosity.

▶ Highest user comfort through many automatic features.

One goal of NEC's technological innovations has always been ensuring users the greatest convenience with devices that are effortless and intuitive to operate. The new NPs are furnished with numerous automatic functions that reduce many actions and settings before, during and after projecting. Take things easier – and take us at our word.



This diagram shows the Hybrid Cooling System, patented for NEC, in action.

▶ Excellent resolution and contrast.

Among the most noteworthy features of NEC's new NPs is their XGA resolution (1,024 x 768). And you also get a high contrast of 1,600:1 (NP50/60) or 1,500:1 (NP40) for brilliant reproduction and glass-clear images – even in daylight conditions.

▶ Optimized auto focus makes images lightening-sharp – immediately.

Spoil yourself with one of the three new NPs and its auto focus function. You'll have the advantage of perfectly focused images – even faster and more comfortably. But you'll also profit if you prefer to manually adjust your pictures, because we've made it even easier and more exact to fine-tune images by hand.



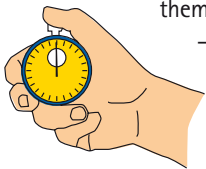
NEC's concentrated innovative force is bundled in its new NP projectors. This is what has made it possible to develop ultra-compact devices with abundant light power – and numerous automatic functions for simple operation.

▶ **Save valuable time before and after presentations.**

User-friendliness is our mission; the compact NEC projectors have this written all over them. We thus made a point of shortening to a minimum those annoying waits before and after projecting. NP40/50/60 save valuable time beforehand, because in addition to Auto Start they also have the new Quick-Start function. This makes them ready to go in only 14 seconds

– automatically. The Quick-Power-Off function works analogously: simply turn off the projector after your presentation, wait ten

seconds and then pull the plug. While the ventilator continues to run, you can begin putting your NP away. If it is permanently installed in your company, simply program it using the off-timer and it will turn itself off at the preset time.



▶ **Even more flexible thanks to automatic vertical Keystone Correction.**

Show distortion-free pictures anywhere. With vertical Keystone Correction, your NP is automatically set up for this. You have much more freedom regarding where you place your projector, and thus, more operating comfort.

▶ **Clear, fascinating colours thanks to colour management and wall colour correction.**

Two integrated high-tech features transform your NP into a colour virtuoso: colour management lets you optimally balance your image colours – however you like. And automatic wall colour correction lets you adapt the projection image to differently coloured backdrops. You have your choice of two blackboard modes and six additional background colours.

▶ **Enormous connection diversity combined with automatic signal recognition.**

Can you imagine your new NP teaming up with your PC, laptop, DVD player or other input devices? The NP40/50/60 have a wide spectrum of connection options, giving you many possibilities. And automatic signal recognition makes it easy for these devices to work with each other.

▶ **Safe is safe: access protection with a personal password.**

Only those who know the password can use the NP. A helpful password security system in all three new models guarantees that you can now control access to them better than ever.



The minimal weight of your new NP will make it your constant companion.

High-tech: your formula for more performance.

Technical Specifications

	NP40	NP50	NP60
Display	1 x 1.4 cm (0.55") DDR DMD Chip (Aspect Ratio 4:3)		
Native Resolution	1,024 x 768 (XGA)		
Lens	F= 2.2-2.34, f= 20.4-24.5 mm		
Lamp	200 W AC (180 W Eco Mode)	200 W AC (180 W Eco Mode)	220 W AC (180 W Eco Mode)
Lamp Life	3,000 h (Eco Mode)		
Image Diagonal	0.84-7.62 m (33-300")		
Projection Factor	1.8-2.16:1		
Brightness	2,200 ANSI Lumens	2,600 ANSI Lumens	3,000 ANSI Lumens
- Eco Mode	2,000 ANSI Lumens	2,400 ANSI Lumens	2,400 ANSI Lumens
Contrast Ratio	1,500:1	1,600:1	1,600:1
Frequency	15-100 kHz (RGB: 24 kHz or more)		
- Horizontal	50-85 Hz		
- Vertical	50-85 Hz		
Video Signals	PAL/PAL60/NTSC/SECAM/NTSC 4.43/PAL-N/PAL-M		
Component Signals	Yes		
RGB	Yes		
Connections			
Computer Input	1 x Mini D-SUB, 15-pin		
Video Input	Phono jack		
S-Video Input	DIN 4-pin (Hoseiden Connection)		
PC Control (RS-232)	D-SUB, 8-pin		
Power Supply	200-240 V AC/50-60 Hz		
Power Consumption	265 W max./Stand-by Mode 6 W	265 W max./Stand-by Mode 6 W	285 W max./Stand-by Mode 6 W
Fan Noise	35 dB (Eco Mode)		
Dimensions (W x H x D)	246 x 72 x 177 mm (without lens and feet)		
Weight	1.6 kg		
Optional Accessories	Lamps: NP02LP for NP40/NP50, NP03LP for NP60, ceiling mount kit NP02CM, YUV cable ADP-CV1, IR mouse receiver NP01MR		
Technological Innovations			
Automatic focus, automatic digital Keystone Correction ($V = \pm 16^\circ$), automatic signal detection, colour management, OSD with 20 languages, Quick-Start-/Quick-Power-Off function, Auto-Power-Off function, off-timer function, wall colour correction, password security system, IR remote control with optional mouse control, Eco Mode, Plug&Play			

May we present the current world record holder: only 1.6 kg but an amazing 3,000 ANSI Lumens? Or are you interested in one of its two "brothers" – who are also world-class?

Your dealer will be happy to introduce you to our three champs and help you decide which one best meets your requirements. 3-year warranty in Europe and customer-friendly service included.



Please note the terms and conditions of our warranty at www.de.nec.de

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