

Before starting and installing a NAO® BlueSpot, please read this guide carefully.
More detailed information about installation, please contact us (support@polestar.eu).

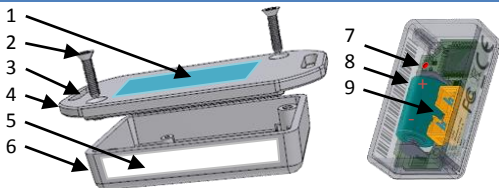
Safety instructions

Do not install behind a window in full sunlight as it cannot withstand temperatures greater than 40°C.
Do not immerse or soak the NAO® BlueSpot in any liquid.
Do not install outdoors or in humid places without sufficient protection against snow, direct rain or run off.
Do not install the NAO® BlueSpot if its physical integrity is compromised (visible cracks, moisture, oxidation).
Always fasten the NAO® BlueSpot. Fastening with the provided adhesive is at your own risks and responsibility.
Damaged electrical or electronic products, such as used batteries, should not be disposed of with household waste.

Description

The NAO® BlueSpot is a radio beacon that enables accurate positioning in the framework of the NAO® Campus product of Pole Star SA.

1	x1	Double sided adhesive	1		7	x1	Indicator Light (LED)
2	x2	Enclosing screws	2		8	x1	Battery (primary type)
3	x2	Fastening slots	3		9	X1	Reserved connector
4	x1	Backdoor support	4				
5	x1	Product Identification	5				
6	x1	Main body	6				



Startup and preparation

Before starting the NAO® BlueSpot, read these instructions, describing how to install and operate the product.

- ❶ Any incorrect use will invalidate the warranty and Pole Star liability.
- 1) Insert the battery (8) with respect to the polarity.
- ❶ The polarity, i.e. "+" and "-" are printed on the PCB, on the light indicator side.
- ❶ Once the battery is inserted, the light (7) remains "on" for a few seconds indicating a correct power-up.
- 2) Close the case, joining both main body (6) and backdoor support (4) using the two supplied screws (2).
- ☑ Always use provided screws. Contact support to obtain needing replacement parts.
- 3) Tightly screw. Do not damage the main body (6) or backdoor support (4) in doing so.
- ☑ Do not use any automatic/electric screwdrivers tools.
- ❶ Screwing strength has to be sufficient to ensure that both surfaces join perfectly.

Installation on site

- 1) Follow the Pole Star installation procedure.
- 2) Identify a clean, dry, greaseless, out of direct reach, support for the selected installation spot.
- 3) Fasten the NAO® BlueSpot.
- ❶ The NAO® BlueSpot accepts two fastening methods: screwing backdoor, using fastening slots (3) (screws not provided) for durable installations, or using optional double sided adhesive option (1).
- ❶ Use the double sided adhesive at your own risk.
- ☑ The venue owner shall decide, and approve the fastening method.
- ☑ The venue owner needs to give the authorization to drill holes (if applicable).
- ❶ There may be hazards in drilling holes – get relevant information before you do so.
- ☑ Choose the final installation location, so as to keep NAO® BlueSpot out of reach (1.5 m to 6 m height).
- ☑ Pole Star SA will not be held responsible for any product fall consequences, or other consequence occurring during and after the product fastening.
- 4) Report the NAO® BlueSpot identity provided on the (5) label on an installation plan, to be sent back.

Pole Star SA hereby declares that this product conforms to the essential requirements and other relevant provisions of Directive 1999/5/CE.
The related Declaration Of Conformity is downloadable at <http://www.polestar.eu/repository/files/pdf/1267-bluespot-mini-ce-doc-en.pdf>

Operation and maintenance

NAO® BlueSpots require no particular maintenance apart from the periodic battery replacement.
NAO® BlueSpots must no longer be used upon reaching their end of life.
Unless specified otherwise in the Pole Star offer, the end-of-life replacement requires a purchase order.

- ☑ Do not try to plug any device to the internal connector (9).
- ☑ Do not touch or tinker any internal parts unless authorized in this document.
- ❶ Warranty will be void if the product is not used under the conditions described in this manual.

Replacing the battery

- ☑ Replacing the battery requires prior authorization and instruction of Pole Star SA assistance support.
- 1) Dissociate the NAO® BlueSpot of its support (unscrewing, or using a thin blade to cut the tape).
- 2) Remove the two enclosing screws.
- 3) Replace the battery using a feature/specification wise replacement battery.
- 4) Follow instructions on the startup & preparation section of the document.
- ❶ Around 3 years battery life should be observed using the specified battery in normal conditions.

Technical specifications

Dimensions	Main body: [60x35x15] mm, ([2.36x1.38x0.59] inches). Backdoor support: [75x35x3] mm ([2.95 x1.38x0.12] inches). Fastening screws (not supplied): 3 mm Ø [max] (0.12 inches).
Weight	25 g / 35 g excluding/including battery
Protection rating	Designed to meet IP54
Battery	Primary type, Li-SOCl ₂ , ½ AA Size, 3.6 V, 1200 mA.h capacity (Ex: SAFT LS14250)
Frequency	2.4 GHz (unlicensed ISM Band)
Operating temperature	+5°C to + 40°C (40°F to 100°F)

- ☑ Never immerse or soak the main body in any liquid.
- ❶ IP54 is given as an indication; in any case, the NAO® BlueSpot case cannot be considered as watertight.
- ☑ Pole Star will not be held responsible for malfunctions caused by visual signs of moisture or oxidation, resulting from a bad assembly or other signs revealing usage out of the specified temperature range.

More information

www.polestar.eu
support@polestar.eu

Troubleshooting

Problem	Possible cause	Solutions
The indicator light does not come on startup	Battery is not correctly inserted. Battery polarity is wrong. Software safety lock is activated.	Remove-reinsert the battery, or, Remove, wait 2 min before reinsertion, or contact assistance.
	The battery is weak.	Activate a spare BlueSpot or obtain the authorization to replace the battery.
The indicator light does not stop 5 s after battery insertion	N/A	Contact assistance.

For any unresolved questions or problems, please contact the Pole Star assistance service.

Brand : NAO®
Product : BlueSpot Mini

