

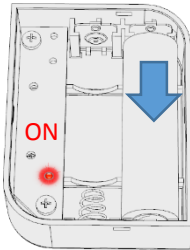
## Application note: Activating NAO BlueSpot V3

Bluetooth 4.0 Low Energy Beacon with iBeacon technology

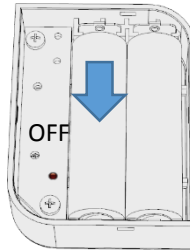


To activate NAO® BlueSpot, insert a battery in a battery slot with respect to the polarity. Once the first battery is inserted, the LED should light and remain “on” during few seconds. Quickly insert the second battery in the remaining slot. Once detected, the light stops, then quickly blink twice to confirm the correct device activation as shown on Figure 1.

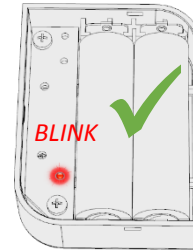
For more information about NAO® BlueSpot installation, please refer to the user guide, available on [RD 1].



Insert 1<sup>st</sup> battery, LED lights “on” ...



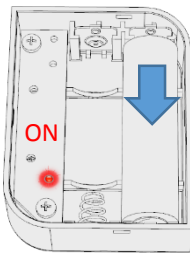
... Insert the 2<sup>nd</sup> battery. LED stops as soon as the battery is detected ...



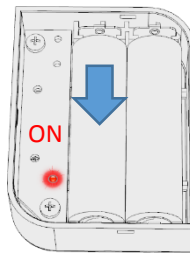
... then briefly blinks thus confirming the correct activation !

**FIGURE 1 : CORRECT ACTIVATION SEQUENCE**

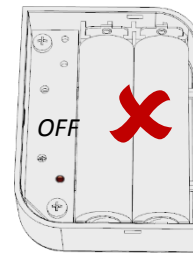
If the activation sequence failed as shown on Figure 2, please first refer to the troubleshooting section.



Insert 1<sup>st</sup> battery. LED lights “on” ...



Insert the 2<sup>nd</sup> battery. LED stays “on” ...



... then stops after few seconds.

**FIGURE 2 : FAILING ACTIVATION SEQUENCE**

Do not install the device if you cannot correctly activate the device, please contact support first!

### Troubleshooting

In case you fail activating NAO® BlueSpot at the first trial:

- **Step #1:** Remove the two batteries, wait few seconds and retry activating
- **Step #2:** Try to activate another device
  - If you succeeded in activating another device, go to Step #3
  - If you failed to activate the other device, replace the batteries, and go back to Step #1
- **Step #3:** Reinsert two batteries simultaneously in the faulty unit, determine the error code from the “LED on” duration.

LED ON duration	Error code	Error description
No	0	General failure
~3s	1	Software failure
~8s	2	Power management (or battery) failure

**TABLE 1 : ERROR CODES**

### Related documentation

RD 1 <http://www.polestar.eu/repository/files/pdf/1327-v3-quick-start-guide-en.pdf>