



User Guide

N402 TRACKER



Contents

1.	Introduction	page 1
2.	Product specifications	page 1
3.	Product diagram	page 2
4.	Installation instructions	page 3
5.	Pairing instruction	page 5
6.	Reverse logistics	page 7
7.	FCC warnings	page 8
8.	CE warnings	page 9

1. Introduction

N402 is a tracker destined to shipping container monitoring by the collection of data and has been designed to function by being placed on a container's door.

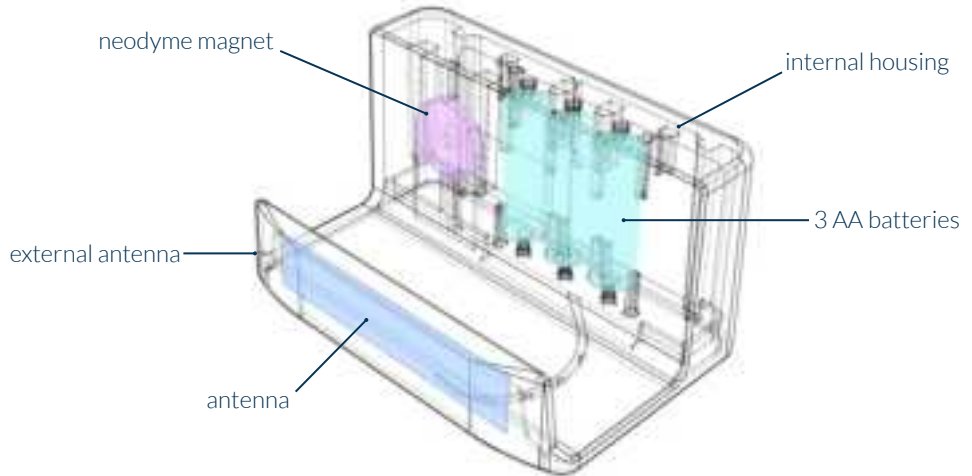
The tracker stays active as long as it is placed on the container door (magnet activation).

Before using the N402 tracker, please read the instructions specified in this guide.

2. Product Specifications

Weight	≈ 250g
Dimensions	135 x 85.5 x 69.5mm
Temperature range + sensor	-40°C to +60°C / -40°F to +140°F
Motion / Orientation sensor	Accelerometer : ±2g to ±16g
	Gyroscope : ±245 to ±2000dps
Barometric Pressure	300 to 1100 hPa @ ±1.0hPa
Relative Humidity Sensor	0 to 100 % @ ±3 %
Ambient Light Sensor	Yes
Battery Level Monitoring	Yes
Battery Type	3 x AA (LR6) - LR1
Battery Life (estimated)	> 2 y. (= 10 shipments)
IP Level	IP67
IK Level	IK7

3. Product diagram



4. Installation instructions



Step 1.

Install the device on the container door, the thickest part on the inside, as high as possible (ideally higher than the red mark sometimes present inside the container). Choose the door without the seal on the side (normally on the left).



Step 2.

The device will be held by the magnet, which will also detect the tracker's placement and activate it.



Step 3.

You can then close the opposite door, which seal will complete the tracker's installation by maintaining it safely in place.

5. Pairing instructions

To pair a device in position on the container to a shipment in the N4VIEW tracking platform, please follow the following instructions.

Go on the
Shipments page



Click on the « + »

The screenshot shows a web form for creating a shipment. The form is titled "MOTO Trk" and "Shipment Form". It contains several input fields and a "Create" button. Annotations with green lines point to specific fields and the button, providing instructions on how to use them.

Annotations:

- Enter the estimated date of departure for this shipment (points to the "Departure" field)
- Enter the estimated date of arrival for this shipment (optionnal) (points to the "Arrival" field)
- Enter the ship's IMO (points to the "IMO" field)
- Click on « create » (points to the "Create" button)
- Select the tracker's IMEI (points to the "Tracker" dropdown)
- Insert the container's number (points to the "Container" field)
- Select the shipment's destination (points to the "Destination" dropdown)
- Select the shipment's owner (points to the "Owner" dropdown)
- Or enter the forced actual date of departure for this shipment (optionnal) (points to the "Forced Actual Date of Departure" field)
- The forced actual date of arrival can only be added when editing a shipment (points to the "Forced Actual Date of Arrival" field)

6. Reverse logistics

If you wish to retrieve your trackers at the end of an expedition, you must return them yourself.

Here are our recommendations for international returns:

- You can use the following HS Code for devices returns, which is not subject to custom duties: 8526912099.
 - These returns are still subject to 20% VAT, but this is normally recoverable.
 - The pro forma invoice is required.
- We recommend that you use a

degressive value when the same device is used multiple times.

- It can also be considered to use an average value (easier to establish but more complicated in terms of justifications in case of control).
- We advise to make grouped returns of about 10 trackers (2.5kg).
- The average price of an international transport is 45€ for 2,5Kg, which represents 4,5€ per tracker.

7. FCC warning

15.19 Labeling requirements.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

15.21 Information to user.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

15.105 Information to user.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause

harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with distance more than 20cm between the radiator & your body.

8. CE warning

Risk of explosion if battery is replaced by an incorrect type.
Dispose of used batteries according to the instructions.
The device complies with RF specifications when the device used more than 20cm from your body. Hereby, NEXT4 declares that this device is in compliance with essential requirements and other relevant provisions of Directive 2014/53/EU. This product is allowed to be used in all EU member states.

Frequency bands	Maximum output power
BT-BLE	6dBm EIRP
GSM900	33dBm Conducted
DCS1800	30dBm Conducted
LTE Band1	23dBm Conducted
LTE Band3	23dBm Conducted
LTE Band8	23dBm Conducted
LTE Band20	23dBm Conducted
LTE Band28	23dBm Conducted



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