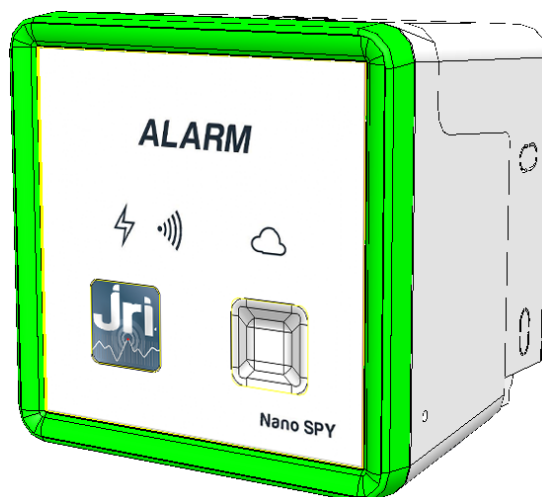




USER GUIDE

**Nano SPY©
ALARM**



Ref : 11818

TABLE OF CONTENTS

I.	INTRODUCTION	3
a)	Product contents	Erreur ! Signet non défini.
b)	Symbols.....	3
II.	INSTALLATION RECOMMANDATIONS	3
a)	Sources of perturbation or attenuation	3
b)	Positioning	3
III.	PRESENTATION	4
a)	Control unit.....	Erreur ! Signet non défini.
b)	Connection.....	Erreur ! Signet non défini.
c)	Mounting	4
d)	Locking	4
e)	Description of indicator lights.....	5
IV.	USE	5
a)	Installation	5
b)	Alarm triggering	5
c)	Taking charge of alarms.....	5
V.	CHARACTERISTICS	6
VI.	MAINTENANCE	ERREUR ! SIGNET NON DEFINI.
VII.	GUARANTEE.....	6
VIII.	MAINTENANCE CONTRACT	6
IX.	ENVIRONMENTAL PROTECTION	7




I. INTRODUCTION

The Nano SPY ALARM is a device which provides local alarm notification as well as the capacity to relay the Nano SPY signal if this latter device is located too far from the Nano SPY LINK.

a) Product contents

- 1 Nano SPY ALARM
- 1 User guide
- 1 USB cable

b) Symbols

	RECYCLING: do not dispose of in a refuse dump or waste disposal bin. Comply with existing legislation for disposal.
	Power source: this device is powered by a 3.6VDC type AA lithium battery (§ ch. V).
	CE LABELING: this device is certified to conform to European regulations for electrical safety, flammability, disruptive electromagnetic emissions, and immunity to environmental electrical disturbances.



Do not use the device under conditions other than those described in the technical characteristics

Risk of fire or explosion in the case of improper use:

- Recharging of the battery
- Short circuiting of the battery

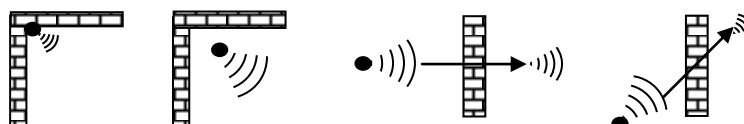
If the device is used in a manner not specified by the manufacturer, the protection provided by the device may be compromised.

II. INSTALLATION RECOMMENDATIONS

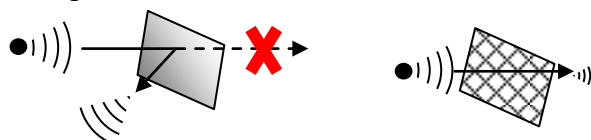
To ensure optimal radio transmission, a certain number of recommendations must be respected, as any wireless transmission is subject to disturbances.

a) Sources of disturbances or attenuation

- The presence of obstacles in the wave path between the Nano SPY and the Nano SPY Link (wall, furniture, people...) or near the antenna.
- The thickness of an obstacle in the wave path. The attenuation is greater diagonally than perpendicularly.



- A solid metal wall will not allow transmission by radio. A perforated metal wall will allow waves to pass while attenuating them.



b) Positioning

- The Nano SPY ALARM must be installed near the Nano SPY recorders and the Nano SPY LINK (<40m) and less than 3 m from a power outlet if this option is used (mains / USB transformer).

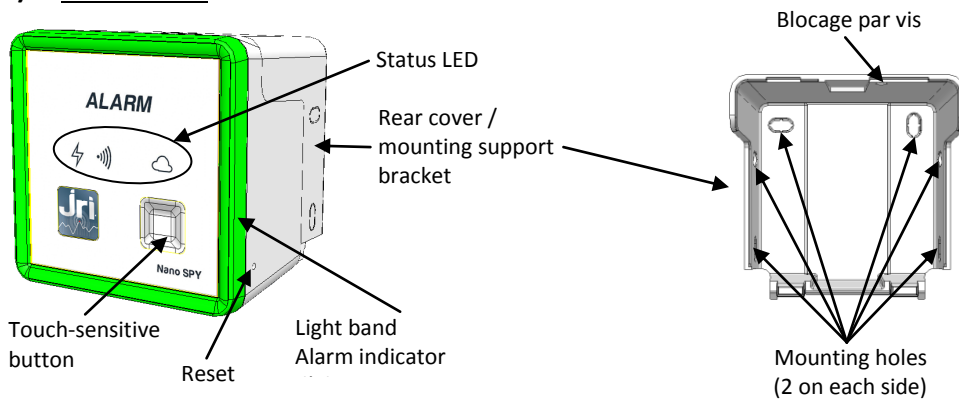


To ensure your safety during installation or an intervention on a device placed in a high position, use proper equipment which is in good condition and provides adequate

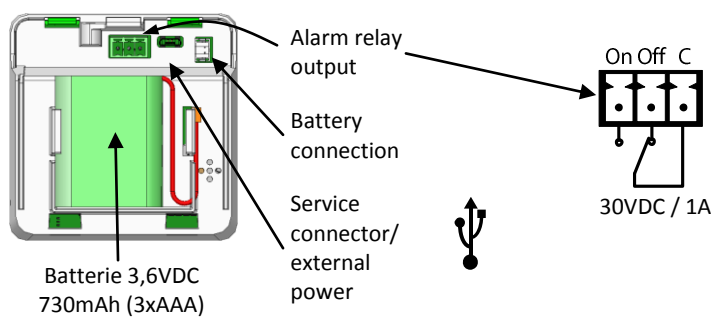
stability, wear appropriate, non-slip shoes and install warning signs around the work area if the intervention takes place in an area of foot traffic.

III. PRESENTATION

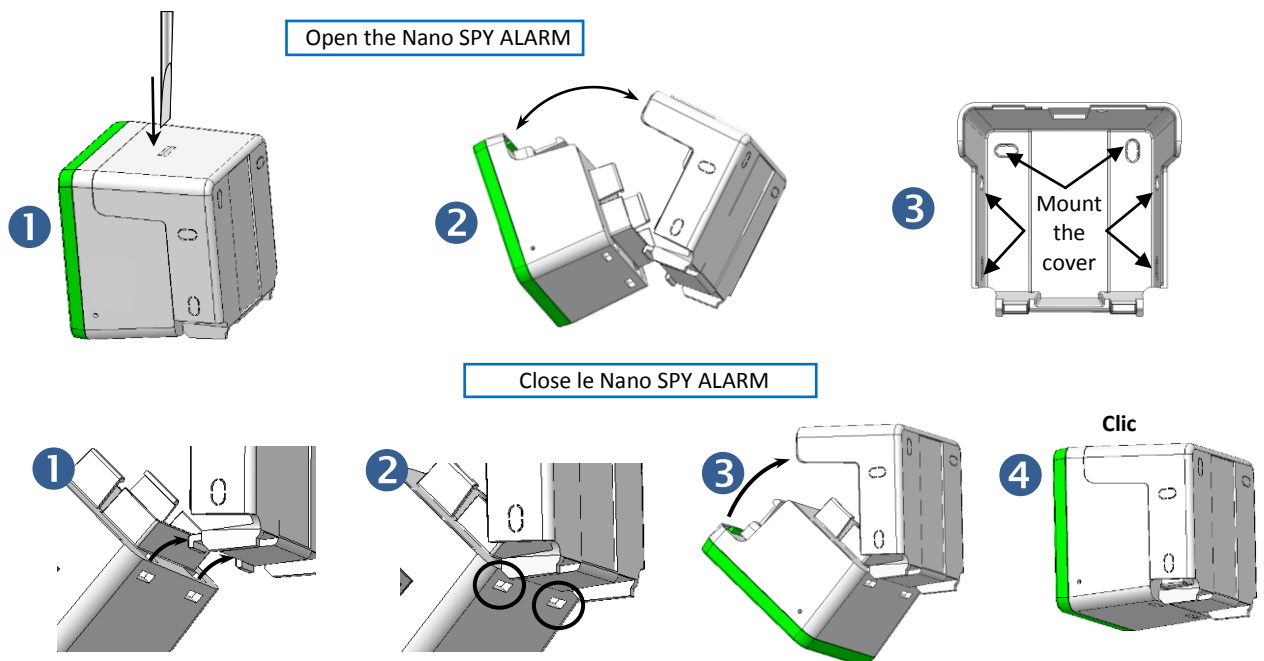
a) Control unit



b) Connection

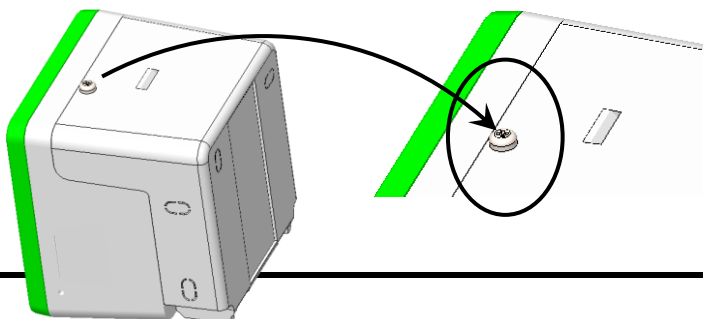


c) Mounting






d) Locking

It is possible to lock the Nano SPY ALARM onto its cover/support bracket using a screw.




e) **Description of the indicator lights**

	Function	State	Action
	Power	On Flashing Off	Mains power present Functioning on battery Mains power absent
	Radio communication	Flashing	Communication with Nano SPY
	MySirius	On	MySirius Liaison OK

IV. USE

The Nano SPY ALARM is a device which provides local alarm notification as well as the capacity to relay the Nano SPY signal if this latter device is located too far from the Nano SPY LINK.

a) **Installation**

To install (declare) the Nano SPY ALARM, it is sufficient to turn it on. Once on, this device emits information which is sent to MySirius by the first Nano SPY LINK to detect this signal. Once declared, MySirius responds and the  light turns on.

b) **Alarm triggering**

Depending on the configuration of the alerts in MySirius, the Nano SPY ALARM can receive instructions from MySirius to:

- Turn on its light band as a function of the event to be signaled
- Trigger its buzzer to warn of a problem
- Close its dry contact to command an alerting device

c) **Taking charge of alarms**

When the Nano SPY ALARM triggers an alert, this alert can be stopped in order to take charge of it locally. To do this it suffices to touch the touch-sensitive button before intervening to correct the problem.

/!\This action does not correspond to an acknowledgement.

To acknowledge an alarm it is necessary to go on MySirius.

V. CHARACTERISTICS

RADIO CHARACTERISTICS	
Broadcast frequency	2.4GHz
Maximum radiated power	10 dBm (10 mW)
Useful range with SPY RF satellites in buildings	Up to 40 m depending on environment
ELECTRICAL CHARACTERISTICS	
Mains power	Pluggable power adapter (European model plug) with regulated voltage output: Input: 230 VAC – Output / 5 VDC - 1A; 3m detachable USB cable
Power consumption	Average consumption: 0.3 W Peak consumption: 0.5 W
Backup battery	NIMH capacity 730 mAh
Functional autonomy in battery mode	Autonomy for full operation: 10h Recharge time: 125h
MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS	
Dimensions	78x78x63 mm
Weight	200g (without mains adapter)
Protection rating	IP20 – functioning inside buildings only
Temperature/Relative operational range	0°C to 40°C – 0 to 90% HR
Pollution / Altitude (IEC 61010-1)	Pollution level: 2 Altitude operational range: 0 à 2000m
SAFETY / COMPLIANCE	
CE radio compliance	EN 301 489 / EN 300 220 / EN 61010 / EN 301 511

VI. MAINTENANCE

Clean the device with a soft cloth, either dry or slightly moistened with water. To remove stubborn dust, use a cloth soaked in a diluted, non-abrasive detergent. Clean the device with a soft cloth, either dry or slightly moistened with water. To remove stubborn dust, use a cloth soaked in a diluted, non-abrasive detergent. Then wipe carefully with a soft dry cloth.

Never use benzene, thinner, alcohol or any type of solvent, which can cause discoloration or deformation of the surfaces.

VII. GUARANTEE

Our material is guaranteed for one year, parts and labor, against any manufacturing defect, functional failure or abnormal wear. This guarantee covers only the replacement of parts recognized to be defective as well as the repair of the material in question returned shipping paid to our workshops, and excludes all damages and interest or incidental expenses.

The starting point of the guarantee is the date of invoice of the concerned product. The invoice must be provided for any request for application of the guarantee. Repairs under guarantee in no way extend the guarantee period accorded to the product at the time of sale. Deterioration due to any abnormal usage or to storage under adverse environmental conditions is excluded from our guarantee.

VIII. MAINTENANCE CONTRACT

How best to optimize your radiofrequency installation?

Radiofrequency measurement systems communicate through Hertzian waves. Many factors (change in installation, moving, supplemental wall, interference with another radio system...) can nonetheless modify the radio pathway previously defined. The use of radiofrequency thus requires periodic monitoring by recognized specialists.

It is for this reason that JRI has developed for you the maintenance contract. We simplify your procedures by offering you a fully-integrated solution. This global service offer includes both maintenance and a metrological service, ensuring the optimum functioning of your devices or of your installation.

You'll no longer have to worry about the maintenance of your devices!

This maintenance contract allows you to benefit, for a minimum period of 2 years, from a variety of services such as:

- annual or biannual verification of the material
- an extension of the guarantee
- tele maintenance
- telephone assistance **+33 (0) 892 680 933** (0,282 € HT/min)
- replacement of the material onsite or by a return to the factory
- verification of measurement accuracy (metrological certificate)
- battery replacement
- access to new software versions
- intervention within 48 working hours following identification of the fault by our experts

IX. PROTECTION OF THE ENVIRONMENT

JRI recommends to its customers the disposal of their unusable and/or irreparable measurement and recording materials in a manner compatible with the protection of the environment. As the production of waste materials cannot be avoided, these should be reused through the recycling process best adapted to the considered materials and to the protection of the environment.

RoHS Directive

The RoHS European directive regulates and limits the presence of dangerous substances in electronic and electric equipment (EEE).

All new electronic equipment designed, developed and manufactured by JRI are in compliance with the aforementioned Directive 2002/95/CE.