

MANUAL  
**DOOR/WINDOW SENSOR**  
ACCESSORY HOME+ ALARM SYSTEM

AS90MA

Home is not a place, it's a feeling

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## Content

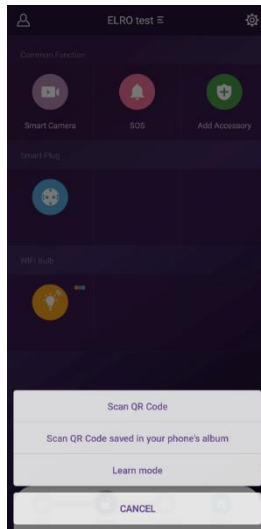
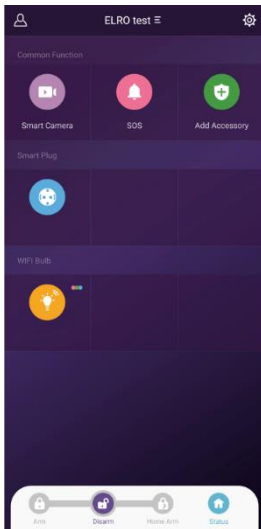
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## 1. Introduction

Place magnetic contacts on doors and/or windows most likely to be used by burglars. Burglars do not like to operate in plain sight. Therefore, they are more likely to enter the protected garden through the back door than through the front door in a busy street. Don't forget windows/balcony doors that are easily accessible from a flat roof, for example. You will receive a push message when the battery voltage is (too) low.

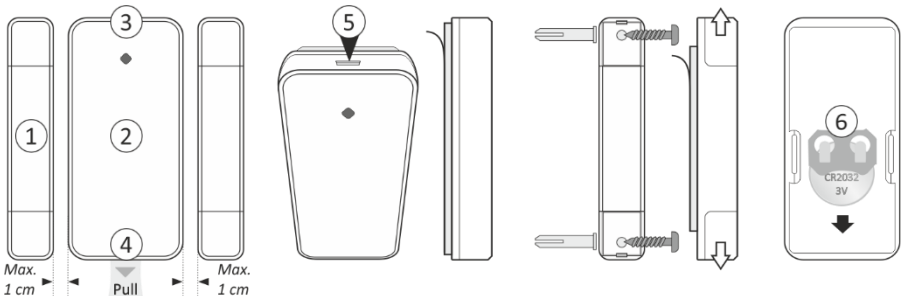
## 2. Pairing with the app

The lithium battery must be activated, remove the plastic strip (4). Open the app on your smartphone, tap "Add accessories" and select the "Scan QR code" option. Scan the QR code on the product and give it a (location) name. Finally, tap the blue "V" to set up the transmitter.



## 3. Important information

A door/window sensor is used to control access to a room. A door/window sensor consists of 2 parts, the narrow part the magnet (1) and the transmitter (2). When the distance between magnet and transmitter exceeds 1cm, the red LED (3) lights up as an indication.



## 4. Battery

To replace the battery, carefully open the housing (5) with a suitable screwdriver. Slide the empty battery out of the battery compartment (6) and insert a 3V CR2032 with the "+" facing upwards.

## 5. Technical data

Operating voltage	DC 3V
Battery	1 × CR2032 button cel (3V)
Operating current	≤40mA
Standby current	≤0,2uA
Frequency	433.92MHz
Range	Tot 150m without obstacles
Humidity	≤90%rh (non-condensing)
Operating temperature	-10°C ~ 50°C
Weight	35,5g (without battery) 40g (with battery)
Dimensions transmitter	80mm x 38.2mm x 13.3mm
Dimensions magnet	80mm x 14.8 x 12.9mm

## 6. DoC

- I, ELRO Europe, hereby declare that the radio equipment type AS90MA is in conformity with Directive 2014/53/EU. The full text of the EU Declaration of Conformity can be found at the following internet address: [www.elro.eu/compliance](http://www.elro.eu/compliance)
- Frequency: 433.9MHz
- Maximum transmitting power: 1.422dBm

ELRO Europe | [www.elro.eu](http://www.elro.eu)  
Postbus 9607 - Box E800  
1006 GC Amsterdam - The Netherlands



## 7. Explanation of symbols



Recycling and disposal: The WEEE symbol means that this product and the batteries must be disposed of separately from household waste. When this product has reached the end of its life, take it to a designated collection point near you for safe disposal or recycling. Protect the environment and human health, use natural resources responsibly!



Read the manual before use and keep it for future use and maintenance



Warranty visit [www.elro.eu](http://www.elro.eu)